Draft PIRMP – Tomago Resource Recovery Facility

21D School Drive, Tomago, NSW

November 2020

REMONDIS®

WORKING FOR THE FUTURE

POLLUTION INCIDENT RESPONSE MANAGEMENT PLAN

LICENCE NUMBER: <insert licence number>

Approved by: <insert name>

Signature: <insert signature>

Position/Title: <insert position/title>

Date: <insert date>

PURPOSE:

REMONDIS Australia Pty Ltd holds an Environment Protection Licence with the NSW Environment Protection Authority (EPA) for Tomago Resource Recovery Facility. As per the *Protection of the Environment Operations Act 1997* (the POEO Act), the holder of an Environment Protection Licence must prepare, keep, test and implement a pollution incident response management plan (PIRMP) that complies with Part 5.7A of the POEO Act in relation to the activity to which the licence relates.

If a pollution incident occurs in the course of an activity so that material harm to the environment (within the meaning of section 147 of the POEO Act) is caused or threatened, the person carrying out the activity must **immediately** implement this plan in relation to the activity required by Part 5.7A of the POEO Act.

A copy of this plan must be kept at the licensed premises, or where the activity takes place in the case of mobile plant licences and be made available on request by an authorised EPA officer and to any person who is responsible for implementing this plan.

Parts of the plan must also be available either on a publicly accessible website, or if there is no such website, by providing a copy of the plan to any person who makes a written request. The sections of the plan that are required to be publicly available are set out in clause 98D of the *Protection of the Environment Operations (General) Regulation* 2009.

Environment Protection Licence (EPL) Details	
Name of licensee: **(including ABN)**	REMONDIS AUSTRALIA PTY LTD
EPL number:	<insert EPL number> - TBC
Premises name and address:	21D School Drive, Tomago, NSW
Company or business contact details	**Name:** <insert name> - TBC **Position or title:** <insert position or title> **Business hours contact number/s:** <insert bh contact numbers> **After hours contact number/s:** <insert af contact numbers> **Email:** <insert email>
Website address:	remondis.com.au
Scheduled activity/activities on EPL:	<insert scheduled activity/ies> - TBC
Fee-based activity/activities on EPL:	<insert fee-based activity/ies> - TBC
Contact details must include the names, position titles and 24-hour contact details. Details are to include alternative person/s, should the primary contact be unavailable.	
PIRMP activation	**Name of person responsible:** <insert name> **Position or title:** <insert position or title> **Business hours contact number/s:** <insert bh contact numbers> **After hours contact number/s:** <insert ah contact numbers> **Email:** <insert email>
Pollution incident – person/s responsible, continued	
Notifying relevant authorities **Notification should be made by a person with an appropriate level of authority within the company.**	**Name of person responsible:** <insert name> **Position or title:** <insert position or title> **Business hours contact number/s:** <insert bh contact numbers> **After hours contact number/s:** <insert ah contact numbers> **Email:** <insert email>

Managing response to pollution incident	**Name of person responsible:** <insert name> **Position or title:** <insert position or title> **Business hours contact number/s:** <insert bh contact numbers> **After hours contact number/s:** <insert ah contact numbers> **Email:** <insert email>	
Identify any persons or authorities required to be notified as per Part 5.7A of the POEO Act in the case of a pollution incident that causes or threatens to cause material harm to the environment. **Relevant authorities include:** **1. Fire & Rescue NSW and/or Rural Fire Service as applicable – 000 (first notification)** **2. EPA – 131 555** **3. NSW Health (nearest public health unit)** **See www.health.nsw.gov.au/Infectious/Pages/phus.aspx for local contact details.** **4. SafeWork NSW – 131 050** **5. Local authority (usually the local council) in which the pollution has occurred.** **Note: The local council and public health unit will vary depending on the location of the pollution incident. For mobile plant licences the PIRMP will need to include the person or people who are responsible for identifying the local authority and nearest public health unit.**		
Fire & Rescue NSW / Rural Fire Service Fire and Rescue NSW Tarro Fire Station Fire and Rescue NSW Mayfield West Fire Station	**Contact number/s:**	Emergency 000 (02) 4964 1271 (02) 4967 7550
EPA – Pollution Hotline NSW EPA Newcastle office	**Contact number/s:**	131 555 (02) 4908 6800
NSW Health	**Relevant Area Health Service:** **Contact number/s:**	Cessnock District Health Service (02) 4991 0555
SafeWork NSW Newcastle office	**Contact number/s:**	13 10 50 (02) 4921 2900
Local authority **Port Stephens Council**	**Contact number/s:**	(02) 4921 2900
Any other identified organisation or agency requiring notification (if applicable) **e.g. Water NSW, Department of Planning Industry and Environment, Roads and Maritime Services**	**Contact number/s:**	<insert number> - TBC

Notification of neighbours and the local community

Identify owners or occupiers of premises in the vicinity of the licensed premises, including any sensitive premises (e.g. schools, preschools, hospitals, nursing homes):

	Property Address	Type of premises	Method of contact
1	21C School Drive, Tomago	Industrial	TBC
2	10 McIntyre Rd, Tomago	Industrial: Setco Engineering	(02) 4964 5900
3	21B School Drive, Tomago	Industrial: Redicrete	(02) 4964 9292
4	638 Tomago Rd, Tomago	Industrial: Tomago Aluminium	(02) 4966 9669
5	TBC		

Description and likelihood of hazards

Provide a description of the hazards to human health or the environment associated with the activity to which the licence relates:

Hazard	Likelihood	Consequences	Risk rating	Circumstances likely to increase likelihood or consequences	Mitigating measures to reduce risk
Fire in building 1	Possible	3	Medium	• Careless operating procedures • Poor maintenance • Poor staff training • Smoking inside • Lack of inspection / maintenance of fire equipment • Arson	• Staff induction and ongoing training • Staff supervision • Regular maintenance schedule • Annual fire equipment inspection (required by law) • Site security
Fire in building 2	Possible	3	Medium	• Careless operating procedures • Poor maintenance • Poor staff training • Smoking inside • Lack of inspection / maintenance of fire equipment • Arson	• Staff induction and ongoing training • Staff supervision • Regular maintenance schedule • Annual fire equipment inspection (required by law) • Site security
Fire in building 3 (waste oil building)	Possible	3	Medium	• Careless operating procedures • Poor maintenance • Poor staff training • Smoking inside • Lack of inspection / maintenance of fire equipment • Arson	• Staff induction and ongoing training • Staff supervision • Regular maintenance schedule • Annual fire equipment inspection (required by law) • Site security
Fire in truck parking depot	Possible	4	Low	• Poor maintenance • Lack of inspection / maintenance of fire equipment • Arson	• Regular maintenance / servicing schedule • Annual fire equipment inspection (required by law) • Site security
Bushfire	Possible	3	Medium	• Build-up of flammable vegetation around site • Build-up of litter around site	• Clearing all dead leaves and weeds from the site in lead up to bushfire season. • Regular litter removal from around the site.
Flood	Rare	3	Low	• Rain or flood waters enter the buildings	• Maintain internal bunding for buildings • Regular maintenance of stormwater management system.

Hazard	Likelihood	Consequences	Risk rating	Circumstances likely to increase likelihood or consequences	Mitigating measures to reduce risk
Liquid chemical waste spill	Possible	3	Medium	• Careless operating procedures • Accidental spill • Leaky containers.	• Staff induction and training • Bunding and containment around chemicals • Spill kits.
Drill mud spill	Possible	4	Low	• Careless operating procedures • Poor maintenance /equipment failure • Accidental spill	• Staff induction and training • Regular maintenance and repair schedule • Bunding and containment around area and for whole building.
Waste oil spill	Possible	4	Low	• Careless operating procedures • Poor maintenance /equipment failure • Accidental spill	• Staff induction and training • Regular maintenance and repair schedule • Bunding and containment around area and for whole building.
Liquid food waste spill	Possible	5	Low	• Careless operating procedures • Poor maintenance /equipment failure • Accidental spill	• Staff induction and training • Regular maintenance and repair schedule • Bunding and containment around area and for whole building.
Fuel spill	Possible	4	Low	• Careless operating procedures • Poor maintenance /equipment failure • Accidental spill	• Staff induction and training • Regular maintenance and repair schedule • Fuel tank is self-bunded • Spill kit positioned near fuel storage.
Chemical spill	Possible	4	Low	• Careless operating procedures • Poor maintenance /equipment failure • Accidental spill	• Staff induction and training • Regular maintenance and repair schedule • Bunding and containment around chemical storage areas • Spill kit positioned near chemical storage.

Inventory of pollutants

Product or waste	Amount stored onsite
Tank 1 – Waste oil	54,000 L
Tank 2 – Waste oil	67,000 L
Tank 3 – Oily water / coolant	20,000 L
Tank 4 – Oily water / coolant	20,000 L
Tank 5 – Fuel / AdBlue for refuelling vehicles and equipment	60,000 L
Tank 6 – Liquid food waste from Packaged Food Recycling Plant (PFRP)	20,000 L
Tanks 7 – Drill mud liquid storage tank	50,000 L

Safety equipment

Describe the safety equipment or other devices used to minimise the risks to human health or the environment and to contain or control a pollution incident:

Equipment	Location
Personal Protection Equipment	• Spares kept in office
Fire Hydrant	• 6 x Building 1 • 2 x Building 2 • 2 x Yard (North of Building 2)
Fire Hose Reel	• 6 x Building 1 • 4 x Building 2 • 1 x Building 3
Fire Extinguishers	• 6 x Building 1 • 6 x Building 2 • 2 x Building 3 • 1 x Office • 1 x Weighbridge area • 1 each in truck cabs
Chemical / Fuel Spill kit	• 1 x Building 1 • 3 x Building 2 • 3 x Building 3 • 1 x Fuel storage • 1 x truck depot area • 1 x Weighbridge area

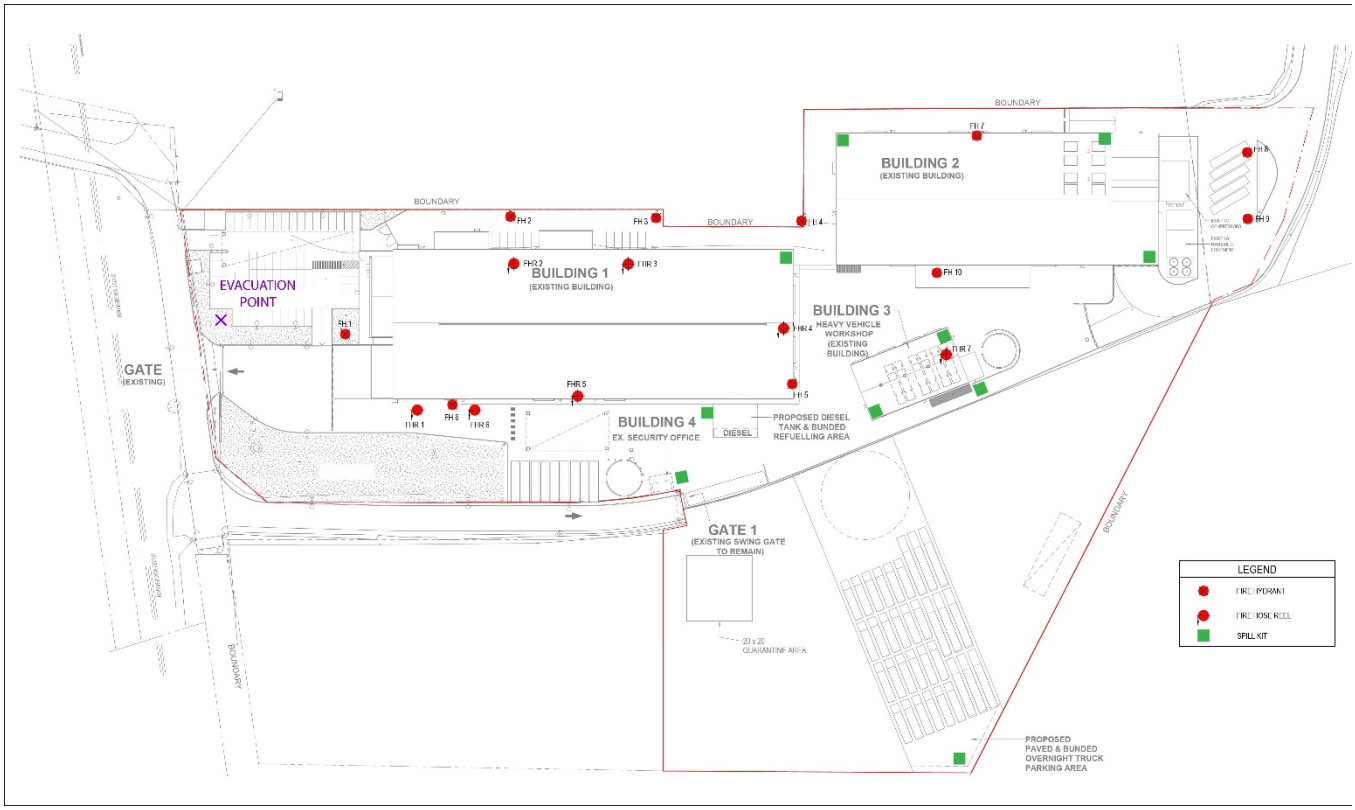
Minimising harm to persons on the premises

Identify the arrangements for minimising the risk of harm to any persons who are on the premises or who are present where the scheduled activity is being carried out:

- All visitors to sign in at the weighbridge and/or office
- All staff and visitors to adhere to safety paths and follow instructions
- All staff and visitors to wear appropriate Personal Protection Equipment at all times
- In an emergency, all staff and visitors to follow the instructions of the Chief Warden (see Emergency Plan)
- Audible alarms will sound if evacuation is necessary.

Maps

Fire and Safety Plan



Actions to be taken during or immediately after a pollution incident

Develop a detailed description of the actions to be taken immediately after a pollution incident to reduce or control any pollution. These should include as a minimum, early warnings, updates and actions to be taken during and after an incident:

Incident type	Action	Responsible person
Small, localised fire	• Attempt to extinguish fire with fire extinguisher or fire hose reel • Notify supervisor, Area Warden and/or Chief Warden	Nearby staff member/s
	• Assess situation • Instigate Emergency Plan if necessary	Supervisor, Area Warden or Chief Warden
	• Utilise chemical spill kit to clean up • Dispose of used absorbent litter in hazardous waste bin	Staff members, as instructed by supervisor or Chief Warden
Large fire	Instigate Emergency Plan • Alert Chief Warden • Call Fire Brigade • Evacuate area	All staff in area
	• Deploy fire hose reels if safe to do so • Ensure sprinklers activate (if in Bld 1 or 2)	Chief Warden
	• Arrange for fire water to be collected by appropriate liquid waste contractor	Site supervisor
Small, localised oil/chemical spill	• Utilise spill kit to contain and collect spill • Dispose of spill and absorbent litter in hazardous waste bin	Nearby staff member/s
Large spill oil/chemical spill	Instigate Emergency Plan • Alert supervisor and Chief Warden • Evacuate area	All staff in area
	• Deploy absorbent “sausages” and chemical spill kits to contain spill • Contact spill clean-up contractor	Site supervisor

The Chief Warden and/or Site Manager will co-ordinate responses with outside agencies.

Area Wardens will supervise implementation of Emergency Plan for their area, if necessary.

Communications Officer will co-ordinate communications and disseminate information.

Staff training

Identify the nature and objectives of any staff training program in relation to this plan:

- All staff – emergency response and pollution response to be included in employment induction
- All staff – Evaluation routes and contact details for Area Wardens, Chief Warden and Communications Officer to be displayed in each building on site
- Wardens – Annual fire and emergency response training
- Area Wardens – OHS and Chemical Safety training every 2 years.

Testing and updating of the PIRMP

This PIRMP will be tested annually:

- Evacuation drill to occur at least annually – date and results to be recorded below.
- Relevant staff training to be recorded.
- Staff assigned to key positions of Chief Warden, Area Wardens and Communications Officer to be kept up-to-date on all materials, including signs around the facility
- Records of fire equipment inspections to be kept, with dates of inspection recorded.

Detail the dates on which the plan was updated:

Example: PIRMP testing details

Date tested	Tested by (to include the names of all people involved in testing)	Details of test (e.g. nature of the test, involvement of other agencies) Note: Testing must cover all components of the plan.	Finding of test, including issues identified	Next scheduled testing date (must be within 12 months from current test)
e.g. 24.02.18	Joan Smith, Environment Manager	Desktop simulation – chemical spill	Contact details, map and pollutant inventory out of date	23.02.19

PIRMP update details

Date update occurred	Reason for update (e.g. address issues identified in testing, contact details/personnel have changed)	Details of updates (nature of changes to PIRMP)	Date the updated version uploaded to website (if applicable)	Date of completion
e.g. 24.02.18	Outdated items identified in annual testing	Contact details, map and pollutant inventory updated	26.02.18	26.02.18