



Environment Protection Licence

Licence - 4068

<u>Licence Details</u>	
Number:	4068
Anniversary Date:	31-December

<u>Licensee</u>
SUEZ RECYCLING & RECOVERY PTY LTD
LOCKED BAG 5015
KINGSGROVE DC NSW 2208

<u>Premises</u>
ELIZABETH DRIVE LANDFILL FACILITY
1725 ELIZABETH DRIVE
KEMPS CREEK NSW 2178

<u>Scheduled Activity</u>
Electricity generation
Waste disposal (application to land)
Waste storage

<u>Fee Based Activity</u>	<u>Scale</u>
Generation of electrical power from gas	0-250 GWh annual generating capacity
Waste disposal by application to land	Any capacity
Waste storage - other types of waste	Any other types of waste stored

<u>Region</u>
Sydney Waste Compliance
59-61 Goulburn Street
SYDNEY NSW 2000
Phone: (02) 9995 5000
Fax: (02) 9995 5999
PO Box A290
SYDNEY SOUTH NSW 1232

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Information about this licence

Dictionary

A definition of terms used in the licence can be found in the dictionary at the end of this licence.

Responsibilities of licensee

Separate to the requirements of this licence, general obligations of licensees are set out in the Protection of the Environment Operations Act 1997 ("the Act") and the Regulations made under the Act. These include obligations to:

- ensure persons associated with you comply with this licence, as set out in section 64 of the Act;
- control the pollution of waters and the pollution of air (see for example sections 120 - 132 of the Act);
- report incidents causing or threatening material environmental harm to the environment, as set out in Part 5.7 of the Act.

Variation of licence conditions

The licence holder can apply to vary the conditions of this licence. An application form for this purpose is available from the EPA.

The EPA may also vary the conditions of the licence at any time by written notice without an application being made.

Where a licence has been granted in relation to development which was assessed under the Environmental Planning and Assessment Act 1979 in accordance with the procedures applying to integrated development, the EPA may not impose conditions which are inconsistent with the development consent conditions until the licence is first reviewed under Part 3.6 of the Act.

Duration of licence

This licence will remain in force until the licence is surrendered by the licence holder or until it is suspended or revoked by the EPA or the Minister. A licence may only be surrendered with the written approval of the EPA.

Licence review

The Act requires that the EPA review your licence at least every 5 years after the issue of the licence, as set out in Part 3.6 and Schedule 5 of the Act. You will receive advance notice of the licence review.

Fees and annual return to be sent to the EPA

For each licence fee period you must pay:

- an administrative fee; and
- a load-based fee (if applicable).

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The EPA publication “A Guide to Licensing” contains information about how to calculate your licence fees. The licence requires that an Annual Return, comprising a Statement of Compliance and a summary of any monitoring required by the licence (including the recording of complaints), be submitted to the EPA. The Annual Return must be submitted within 60 days after the end of each reporting period. See condition R1 regarding the Annual Return reporting requirements.

Usually the licence fee period is the same as the reporting period.

Transfer of licence

The licence holder can apply to transfer the licence to another person. An application form for this purpose is available from the EPA.

Public register and access to monitoring data

Part 9.5 of the Act requires the EPA to keep a public register of details and decisions of the EPA in relation to, for example:

- licence applications;
- licence conditions and variations;
- statements of compliance;
- load based licensing information; and
- load reduction agreements.

Under s320 of the Act application can be made to the EPA for access to monitoring data which has been submitted to the EPA by licensees.

This licence is issued to:

SUEZ RECYCLING & RECOVERY PTY LTD
LOCKED BAG 5015
KINGSGROVE DC NSW 2208

subject to the conditions which follow.

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1 Administrative Conditions

A1 What the licence authorises and regulates

- A1.1 This licence authorises the carrying out of the scheduled activities listed below at the premises specified in A2. The activities are listed according to their scheduled activity classification, fee-based activity classification and the scale of the operation.

Unless otherwise further restricted by a condition of this licence, the scale at which the activity is carried out must not exceed the maximum scale specified in this condition.

Scheduled Activity	Fee Based Activity	Scale
Electricity generation	Generation of electrical power from gas	0 - 250 GWh annual generating capacity
Waste disposal (application to land)	Waste disposal by application to land	Any capacity
Waste storage	Waste storage - other types of waste	Any other types of waste stored

A2 Premises or plant to which this licence applies

- A2.1 The licence applies to the following premises:

Premises Details
ELIZABETH DRIVE LANDFILL FACILITY
1725 ELIZABETH DRIVE
KEMPS CREEK
NSW 2178
LOT 1 DP 542395, LOT 740 DP 810111
(EXCEPT THAT PART HATCHED IN RED ON "PLAN SHOWING THE BOUNDARIES OF THE SAWT AREA OVER PART OF LOT 740 DP 810111" PREPARED BY MATTHEW FREEBURN SURVEYORS DATED 03.05.10)

A3 Information supplied to the EPA

- A3.1 Works and activities must be carried out in accordance with the proposal contained in the licence application, except as expressly provided by a condition of this licence.

In this condition the reference to "the licence application" includes a reference to:

- the applications for any licences (including former pollution control approvals) which this licence replaces under the Protection of the Environment Operations (Savings and Transitional) Regulation 1998; and
- the licence information form provided by the licensee to the EPA to assist the EPA in connection with the issuing of this licence.

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A3.2 The 'Elizabeth Drive Landfill Environmental Management Plan Revision/Edition 1', PPK Environment & Infrastructure Pty Ltd, dated 01/01/98.

Note: For the purposes of this licence the abbreviation "LEMP" is defined as the document titled Elizabeth Drive Landfill Environmental Management Plan Revision/Edition 1, dated 01/01/98.

A3.3 The gas to energy & gas collection system at the Premises must be constructed and operated in accordance with Penrith City Council's development consent no. DA12/0515.

2 Discharges to Air and Water and Applications to Land

P1 Location of monitoring/discharge points and areas

P1.1 The following points referred to in the table below are identified in this licence for the purposes of monitoring and/or the setting of limits for the emission of pollutants to the air from the point.

<i>Air</i>			
EPA identification no.	Type of Monitoring Point	Type of Discharge Point	Location Description
4	Air quality monitoring		Dust Monitoring point labelled "D5" on map named "SUEZ Australia – Elizabeth Drive Landfill – EPL 4068 - Monitoring Locations - Rev B" prepared by SUEZ Australia Pty Ltd dated 19 January 2018 – DOC18/276519. Located on western boundary of Premises.
5	Air quality monitoring		Dust Monitoring point labelled "D6" on map named "SUEZ Australia – Elizabeth Drive Landfill – EPL 4068 - Monitoring Locations - Rev B" prepared by SUEZ Australia Pty Ltd dated 19 January 2018 – DOC18/276519. Located on northern boundary of Premises.
6	Air quality monitoring		Dust Monitoring point labelled "D8" on map named "SUEZ Australia – Elizabeth Drive Landfill – EPL 4068 - Monitoring Locations - Rev B" prepared by SUEZ Australia Pty Ltd dated 19 January 2018 – DOC18/276519. Located on eastern boundary of Premises.
7	Air quality monitoring		Dust Monitoring point labelled "D10" on map named "SUEZ Australia – Elizabeth Drive Landfill – EPL 4068 - Monitoring Locations - Rev B" prepared by SUEZ Australia Pty Ltd dated 19 January 2018 – DOC18/276519. Located on south-western boundary of Premises.

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8	Air quality monitoring	Dust Monitoring point labelled "D17" on map named "SUEZ Australia – Elizabeth Drive Landfill – EPL 4068 - Monitoring Locations - Rev B" prepared by SUEZ Australia Pty Ltd dated 19 January 2018 – DOC18/276519. Located on south-eastern boundary of Premises.
9	Air quality monitoring	Dust Monitoring point labelled "D20" on map named "SUEZ Australia – Elizabeth Drive Landfill – EPL 4068 - Monitoring Locations - Rev B" prepared by SUEZ Australia Pty Ltd dated 19 January 2018 – DOC18/276519. Located on north-eastern boundary of Premises.
10	Air quality monitoring	Dust Monitoring point labelled "D21" on map named "SUEZ Australia – Elizabeth Drive Landfill – EPL 4068 - Monitoring Locations - Rev B" prepared by SUEZ Australia Pty Ltd dated 19 January 2018 – DOC18/276519. Located on north-west corner of Premises.
45	Subsurface gas monitoring	Subsurface gas monitoring point labelled "SG1" on map named "SUEZ Australia – Elizabeth Drive Landfill – EPL 4068 - Monitoring Locations - Rev B" prepared by SUEZ Australia Pty Ltd dated 19 January 2018 – DOC18/276519.
46	Subsurface gas monitoring	Subsurface gas monitoring point labelled "SG2" on map named "SUEZ Australia – Elizabeth Drive Landfill – EPL 4068 - Monitoring Locations - Rev B" prepared by SUEZ Australia Pty Ltd dated 19 January 2018 – DOC18/276519.
47	Subsurface gas monitoring	Subsurface gas monitoring point labelled "SG3" on map named "SUEZ Australia – Elizabeth Drive Landfill – EPL 4068 - Monitoring Locations - Rev B" prepared by SUEZ Australia Pty Ltd dated 19 January 2018 – DOC18/276519. Located on SW boundary of Premises.
48	Subsurface gas monitoring	Subsurface gas monitoring point labelled "SG4" on map named "SUEZ Australia – Elizabeth Drive Landfill – EPL 4068 - Monitoring Locations - Rev B" prepared by SUEZ Australia Pty Ltd dated 19 January 2018 – DOC18/276519. Located on SW boundary of Premises.
49	Subsurface gas monitoring	Subsurface gas monitoring point labelled "SG5" on map named "SUEZ Australia – Elizabeth Drive Landfill – EPL 4068 - Monitoring Locations - Rev B" prepared by SUEZ Australia Pty Ltd dated 19 January 2018 – DOC18/276519. Located on eastern boundary.

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50	Subsurface gas monitoring	Subsurface gas monitoring point labelled "SG6" on map named "SUEZ Australia – Elizabeth Drive Landfill – EPL 4068 - Monitoring Locations - Rev B" prepared by SUEZ Australia Pty Ltd dated 19 January 2018 – DOC18/276519. Located on eastern boundary.
51	Subsurface gas monitoring	Subsurface gas monitoring point labelled "SG7" on map named "SUEZ Australia – Elizabeth Drive Landfill – EPL 4068 - Monitoring Locations - Rev B" prepared by SUEZ Australia Pty Ltd dated 19 January 2018 – DOC18/276519. Located on eastern boundary.
56	Air Emissions Monitoring	Discharge to Air from Landfill Gas Engine 1 labelled "GEN1" on Map named "SUEZ Australia – Elizabeth Drive Landfill – EPL 4068 - Monitoring Locations - Rev B" prepared by SUEZ Australia Pty Ltd dated 19 January 2018 – DOC18/276519
57	Air Emissions Monitoring	Discharge to Air from Landfill Gas Engine 2 labelled "GEN2" on Map named "SUEZ Australia – Elizabeth Drive Landfill – EPL 4068 - Monitoring Locations - Rev B" prepared by SUEZ Australia Pty Ltd dated 19 January 2018 – DOC18/276519
58	Air Emissions Monitoring	Discharge to Air from Landfill Gas Flare labelled "FLR1" on Map named "SUEZ Australia – Elizabeth Drive Landfill – EPL 4068 - Monitoring Locations - Rev B" prepared by SUEZ Australia Pty Ltd dated 19 January 2018 – DOC18/276519

P1.2 The following utilisation areas referred to in the table below are identified in this licence for the purposes of the monitoring and/or the setting of limits for any application of solids or liquids to the utilisation area.

P1.3 The following points referred to in the table are identified in this licence for the purposes of the monitoring and/or the setting of limits for discharges of pollutants to water from the point.

Water and land

EPA Identification no.	Type of Monitoring Point	Type of Discharge Point	Location Description
13	Wet weather discharge Water quality monitoring	Wet weather discharge Water quality monitoring	Wet weather overflow monitoring point labelled "ADP002" on map named "SUEZ Australia – Elizabeth Drive Landfill – EPL 4068 - Monitoring Locations - Rev B" prepared by SUEZ Australia Pty Ltd dated 19 January 2018 – DOC18/276519.

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15	Wet weather discharge Water quality monitoring	Wet weather discharge Water quality monitoring	Wet weather overflow monitoring point labelled "ADP003" on map named "SUEZ Australia – Elizabeth Drive Landfill – EPL 4068 - Monitoring Locations - Rev B" prepared by SUEZ Australia Pty Ltd dated 19 January 2018 – DOC18/276519
16	Groundwater quality monitoring		Groundwater monitoring point labelled "G1a" on map named "SUEZ Australia – Elizabeth Drive Landfill – EPL 4068 - Monitoring Locations - Rev B" prepared by SUEZ Australia Pty Ltd dated 19 January 2018 – DOC18/276519.
17	Groundwater quality monitoring		Groundwater monitoring point labelled "G3a" on map named "SUEZ Australia – Elizabeth Drive Landfill – EPL 4068 - Monitoring Locations - Rev B" prepared by SUEZ Australia Pty Ltd dated 19 January 2018 – DOC18/276519.
18	Groundwater quality monitoring		Groundwater monitoring point labelled "G4a" on map named "SUEZ Australia – Elizabeth Drive Landfill – EPL 4068 - Monitoring Locations - Rev B" prepared by SUEZ Australia Pty Ltd dated 19 January 2018 – DOC18/276519.
19	Groundwater quality monitoring		Groundwater monitoring point labelled "G5" on map named "SUEZ Australia – Elizabeth Drive Landfill – EPL 4068 - Monitoring Locations - Rev B" prepared by SUEZ Australia Pty Ltd dated 19 January 2018 – DOC18/276519.
20	Groundwater quality monitoring		Groundwater monitoring point labelled "G6" on map named "SUEZ Australia – Elizabeth Drive Landfill – EPL 4068 - Monitoring Locations - Rev B" prepared by SUEZ Australia Pty Ltd dated 19 January 2018 – DOC18/276519.
21	Groundwater quality monitoring		Groundwater monitoring point labelled "G7" on map named "SUEZ Australia – Elizabeth Drive Landfill – EPL 4068 - Monitoring Locations - Rev B" prepared by SUEZ Australia Pty Ltd dated 19 January 2018 – DOC18/276519.

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22	Groundwater quality monitoring	Groundwater monitoring point labelled "G9" on map named "SUEZ Australia – Elizabeth Drive Landfill – EPL 4068 - Monitoring Locations - Rev B" prepared by SUEZ Australia Pty Ltd dated 19 January 2018 – DOC18/276519.
23	Surface water quality monitoring	Surface water monitoring point labelled "S1" on map named "SUEZ Australia – Elizabeth Drive Landfill – EPL 4068 - Monitoring Locations - Rev B" prepared by SUEZ Australia Pty Ltd dated 19 January 2018 – DOC18/276519. Located in Badgerys Creek upstream.
24	Surface water quality monitoring	Surface water monitoring point labelled "S2" on map named "SUEZ Australia – Elizabeth Drive Landfill – EPL 4068 - Monitoring Locations - Rev B" prepared by SUEZ Australia Pty Ltd dated 19 January 2018 – DOC18/276519. Located in Badgerys Creek midstream.
25	Surface water quality monitoring	Surface water monitoring point labelled "S3" on map named "SUEZ Australia – Elizabeth Drive Landfill – EPL 4068 - Monitoring Locations - Rev B" prepared by SUEZ Australia Pty Ltd dated 19 January 2018 – DOC18/276519. Located in Badgerys Creek downstream.
26	Leachate quality monitoring General solid waste cell	Leachate monitoring point labelled "L7" on map named "SUEZ Australia – Elizabeth Drive Landfill – EPL 4068 - Monitoring Locations - Rev B" prepared by SUEZ Australia Pty Ltd dated 19 January 2018 – DOC18/276519. Located on NW corner of Cell C1.
27	Leachate quality monitoring Restricted Waste Cell - primary layer	Leachate monitoring point labelled "L10" on map named "SUEZ Australia – Elizabeth Drive Landfill – EPL 4068 - Monitoring Locations - Rev B" prepared by SUEZ Australia Pty Ltd dated 19 January 2018 – DOC18/276519. Located on NW corner of RSW cell.

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28	Leachate quality monitoring Restricted Waste Cell A2 - primary layer	Leachate monitoring point labelled "A2L1" on map named "SUEZ Australia – Elizabeth Drive Landfill – EPL 4068 - Monitoring Locations - Rev B" prepared by SUEZ Australia Pty Ltd dated 19 January 2018 – DOC18/276519. Located at primary layer of RSW cell A2.	
29	Leachate quality monitoring Restricted Waste Cell A2 - secondary layer	Leachate monitoring point labelled "A2L2" on map named "SUEZ Australia – Elizabeth Drive Landfill – EPL 4068 - Monitoring Locations - Rev B" prepared by SUEZ Australia Pty Ltd dated 19 January 2018 – DOC18/276519. Located at secondary layer of RSW cell A.	
31	Surface water quality monitoring	Surface water monitoring point labelled "S9" on map named "SUEZ Australia – Elizabeth Drive Landfill – EPL 4068 - Monitoring Locations - Rev B" prepared by SUEZ Australia Pty Ltd dated 19 January 2018 – DOC18/276519. Located in Dam 1 waters.	
33	Surface water quality monitoring	Surface water monitoring point labelled "S10" on map named "SUEZ Australia – Elizabeth Drive Landfill – EPL 4068 - Monitoring Locations - Rev B" prepared by SUEZ Australia Pty Ltd dated 19 January 2018 – DOC18/276519. Located in Dam 3 waters.	
34	Wet weather discharge Water quality monitoring - downstream of Main Water Supply Holding Pond	Wet weather discharge Water quality monitoring - downstream of Main Water Supply Holding Pond	Wet weather monitoring point labelled "S19" on map named "SUEZ Australia – Elizabeth Drive Landfill – EPL 4068 - Monitoring Locations - Rev B" prepared by SUEZ Australia Pty Ltd dated 19 January 2018 – DOC18/276519.
35	Wet weather discharge Water quality monitoring	Wet weather discharge Water quality monitoring	Surface water monitoring point labelled "ADP-001" on map named "SUEZ Australia – Elizabeth Drive Landfill – EPL 4068 - Monitoring Locations - Rev B" prepared by SUEZ Australia Pty Ltd dated 19 January 2018 – DOC18/276519.
36	Leachate Quality Monitoring Restricted Waste Cell A5 - primary layer		Leachate monitoring point labelled "A5L1" on map named "SUEZ Australia – Elizabeth Drive Landfill – EPL 4068 - Monitoring Locations - Rev B" prepared by SUEZ Australia Pty Ltd dated 19 January 2018 – DOC18/276519. Located on W boundary of RSW Cell A5.

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37	Leachate Quality Monitoring Restricted Waste Cell A5 - secondary layer	Leachate monitoring point labelled "A5L2" on map named "SUEZ Australia – Elizabeth Drive Landfill – EPL 4068 - Monitoring Locations - Rev B" prepared by SUEZ Australia Pty Ltd dated 19 January 2018 – DOC18/276519. Located on W boundary of RSW Cell A5.
38	Leachate Quality Monitoring Restricted Solid Waste Cell A4 - primary layer	Leachate monitoring point labelled "A4L1" on map named "SUEZ Australia – Elizabeth Drive Landfill – EPL 4068 - Monitoring Locations - Rev B" prepared by SUEZ Australia Pty Ltd dated 19 January 2018 – DOC18/276519. Located on W boundary of RSW Cell A4.
39	Leachate Quality Monitoring Restricted Waste Cell A4 - secondary layer	Leachate monitoring point labelled "A4L2" on map named "SUEZ Australia – Elizabeth Drive Landfill – EPL 4068 - Monitoring Locations - Rev B" prepared by SUEZ Australia Pty Ltd dated 19 January 2018 – DOC18/276519. Located on W boundary of RSW Cell A4.
40	Leachate Quality Monitoring General Solid Waste Cell	Leachate monitoring point labelled "L11" on map named "SUEZ Australia – Elizabeth Drive Landfill – EPL 4068 - Monitoring Locations - Rev B" prepared by SUEZ Australia Pty Ltd dated 19 January 2018 – DOC18/276519. Located on W boundary of GSW cell.
41	Leachate Quality Monitoring Restricted Solid Waste Cell A3 - primary layer	Leachate monitoring point labelled "A3L1" on map named "SUEZ Australia – Elizabeth Drive Landfill – EPL 4068 - Monitoring Locations - Rev B" prepared by SUEZ Australia Pty Ltd dated 19 January 2018 – DOC18/276519. Located on N boundary of RSW Cell A3.
43	Leachate Quality Monitoring General Solid Waste	Leachate monitoring point labelled "L9" on map named "SUEZ Australia – Elizabeth Drive Landfill – EPL 4068 - Monitoring Locations - Rev B" prepared by SUEZ Australia Pty Ltd dated 19 January 2018 – DOC18/276519. Located on N boundary of GSW Cells.

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44	Leachate Quality Monitoring General Solid Waste Cell	Leachate monitoring point labelled "L12" on map named "SUEZ Australia – Elizabeth Drive Landfill – EPL 4068 - Monitoring Locations - Rev B" prepared by SUEZ Australia Pty Ltd dated 19 January 2018 – DOC18/276519. Located NW corner of GSW cell.
52	Leachate Quality Monitoring Restricted Waste Cell A5B - primary layer	Leachate monitoring point labelled "A5BL1" on map named "SUEZ Australia – Elizabeth Drive Landfill – EPL 4068 - Monitoring Locations - Rev B" prepared by SUEZ Australia Pty Ltd dated 19 January 2018 – DOC18/276519. Located W corner of Cell A5B.
53	Leachate Quality Monitoring Restricted Waste Cell A5B - secondary layer	Leachate monitoring point labelled "A5BL2" on map named "SUEZ Australia – Elizabeth Drive Landfill – EPL 4068 - Monitoring Locations - Rev B" prepared by SUEZ Australia Pty Ltd dated 19 January 2018 – DOC18/276519. Located W corner of Cell A5B.
54	Groundwater quality monitoring	Groundwater monitoring point "G10" located on map named "SUEZ Australia – Elizabeth Drive Landfill – EPL 4068 - Monitoring Locations - Rev B" prepared by SUEZ Australia Pty Ltd dated 19 January 2018 – DOC18/276519.
55	Leachate Quality Monitoring General Solid Waste	Leachate monitoring point labelled "L13" on Map named "SUEZ Australia – Elizabeth Drive Landfill – EPL 4068 - Monitoring Locations - Rev B" prepared by SUEZ Australia Pty Ltd dated 19 January 2018 – DOC18/276519
59	Surface Water Quality Monitoring	Surface water monitoring point labelled "S5" on map named "SUEZ Australia – Elizabeth Drive Landfill – EPL 4068 - Monitoring Locations - Rev B" prepared by SUEZ Australia Pty Ltd dated 19 January 2018 – DOC18/276519
60	Surface Water Quality Monitoring	Surface water monitoring point labelled "S20" on map named "SUEZ Australia – Elizabeth Drive Landfill – EPL 4068 - Monitoring Locations - Rev B" prepared by SUEZ Australia Pty Ltd dated 19 January 2018 – DOC18/276519

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61	Surface Water Quality Monitoring	Surface water monitoring point labelled "S19" on map named "SUEZ Australia – Elizabeth Drive Landfill – EPL 4068 - Monitoring Locations - Rev B" prepared by SUEZ Australia Pty Ltd dated 19 January 2018 – DOC18/276519
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3 Limit Conditions

L1 Pollution of waters

- L1.1 Except as may be expressly provided in any other condition of this licence, the licensee must comply with section 120 of the Protection of the Environment Operations Act 1997.

L2 Concentration limits

- L2.1 For each monitoring/discharge point or utilisation area specified in the table\’s below (by a point number), the concentration of a pollutant discharged at that point, or applied to that area, must not exceed the concentration limits specified for that pollutant in the table.
- L2.2 Where a pH quality limit is specified in the table, the specified percentage of samples must be within the specified ranges.
- L2.3 To avoid any doubt, this condition does not authorise the pollution of waters by any pollutant other than those specified in the table\’s.
- L2.4 Water and/or Land Concentration Limits

POINT 13,15,34,35

Pollutant	Units of Measure	50 percentile concentration limit	90 percentile concentration limit	3DGM concentration limit	100 percentile concentration limit
Ammonia	milligrams per litre				0.9
Total suspended solids	milligrams per litre				50

- L2.5 Exceedence of a quality limit specified in this licence for the discharge of TSS from EPA identification numbers, Points 13, 15, 34 and 35 is permitted if the discharges occur solely as a result of rainfall at the premises exceeding a total of 48 millimetres over any consecutive five day period.

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L2.6 Air Concentration Limits

POINT 56,57

Pollutant	Units of measure	100 percentile concentration limit	Reference conditions	Oxygen correction	Averaging period
Sulfuric acid mist and sulfur trioxide (as SO ₃)	milligrams per cubic metre	100	L2.7		
Nitrogen Oxides	milligrams per cubic metre	450	L2.7		

- L2.7 Reference basis for air pollutants specified in condition L2.6 must be as follows:
 For Nitrogen oxides (no₂ and/or NO): dry, 273K, 101.3kPa, 7% O₂
 For sulphuric acid mist (H₂SO₄) and/or sulphur trioxide (SO₃): dry, 273K, 101.3kPa, 7% O₂

L2.8 Combustion Parameters for Flare - Monitoring Point 58

Pollutant	Unit of Measure	Lower Limit	Averaging Period
Residence time	S	0.6	Instantaneous
Temperature	Degrees Celcius	760	Instantaneous

L3 Waste

- L3.1 The licensee must not cause, permit or allow any waste to be received at the premises, except the wastes expressly referred to in the column titled "Waste" and meeting the definition, if any, in the column titled "Description" in the table below.

Any waste received at the premises must only be used for the activities referred to in relation to that waste in the column titled "Activity" in the table below.

Any waste received at the premises is subject to those limits or conditions, if any, referred to in relation to that waste contained in the column titled "Other Limits" in the table below.

This condition does not limit any other conditions in this licence.

Code	Waste	Description	Activity	Other Limits
NA	General solid waste (non-putrescible)	As defined in Schedule 1 of the POEO Act, as in force from time to time	Waste disposal (application to land)	Must only be disposed of in general solid waste (non-putrescible) landfill cells.
NA	General solid waste (non-putrescible)	Wastes assessed as General Solid Waste	Waste disposal (application to land)	Must only be disposed of in

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		(non-putrescible) which are also subject to general or specific immobilisation approvals which have a restriction that they may only be disposed of at waste disposal facilities which have currently operating leachate collection systems.		general solid waste (non-putrescible) landfill cells.
NA	Asbestos waste	As defined in Schedule 1 of the POEO Act, as in force from time to time	Waste disposal (application to land)	Must only be disposed of in general solid waste (non-putrescible) landfill cells.
NA	Waste tyres	As defined in Schedule 1 of the POEO Act, as in force from time to time	Waste disposal (application to land)	Must only be disposed of in general solid waste (non-putrescible) landfill cells.
NA	Restricted solid waste	As defined in Schedule 1 of the POEO Act, as in force from time to time	Waste disposal (application to land)	Must only be disposed of in restricted solid waste landfill cells.
NA	Restricted solid waste	Wastes assessed as Restricted Solid Wastes which are also subject to general or specific immobilisation approvals which have a restriction that they may only be disposed of at waste disposal facilities which have currently operating leachate collection systems.	Waste disposal (application to land)	Must only be disposed of in restricted solid waste landfill cells.

Tyres

L3.2 For the purposes of this condition:

- a) tyres are taken to be shredded only if the tyres are in pieces measuring no more than 250 mm in any direction; and
- b) domestic load means a load containing no more than 5 tyres having a diameter of less than 1.2 metres.

L3.3 The licensee must not dispose of any tyre at the premises unless:

- a) the tyre has a diameter of 1.2 metres or more; and/or
- b) the tyre has been shredded or had its walls removed; and/or

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c) the tyre was delivered to the premises as part of a domestic load.

L3.4 Tyres stockpiled on the premises must:

- a) not exceed fifty (50) tonnes of tyres at any one time; and
- b) be located in a clearly defined area away from the tipping face; and
- c) be managed to control vermin; and
- d) be managed to prevent any tyres from catching fire.

Stockpiles

L3.5 The volume of unshredded and shredded garden waste and wood waste stockpiled at the Premises must not exceed 2,000 cubic metres (m³) at any one time.

L3.6 The volume of demolition material, concrete, broken tiles, blast furnace slag, and bricks stored or stockpiled for the purpose of landfill operations must not exceed 2,000 cubic metres (m³) at any one time.

L4 Noise limits

L4.1 Noise from the premises must not exceed:

- a) an LA10(15 minute) noise emission criterion of 50 dB(A) during the day (7am to 10pm);
- b) an LA10(15 minute) noise emission criterion of 45 dB(A) during the night (10pm to 7am);

except as expressly provided by this licence.

L4.2 Noise from the premises is to be measured at the most affected point on or within the residential property boundary to determine compliance with condition L4.1. If the most affected residential property boundary is greater than 30 metres from the premises, then the noise is to be measured at any point 30 metres from the nearest residence or noise sensitive area within the vicinity of the premises to determine compliance with condition L4.1. If the noise is substantially tonal, repetitive, frequency varying, or impulsive in character, 5 dB(A) must be added to the measured level for each characteristic, up to a maximum of 10dB(A)

L5 Blasting

L5.1 The overpressure level from blasting operations on the premises must not exceed:

- a) 115 dB (Lin Peak) for more than 5% of the total number of blasts over the reporting period; and
- b) 120dB (Lin Peak) at any time.

L5.2 Noise from blasting operations at the premises is to be measured at the most affected residential property, or if this is more than 30 metres from the residence, at the most affected point 30 metres from the residence, or other noise sensitive, or other noise sensitive areas in the vicinity of the premises, to determine compliance with condition L5.1.

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- L5.3 All blasting at the premises must only be conducted between the following hours: 9:00am to 4:00pm Monday to Friday, and at no time on Saturdays, Sundays or Public Holidays.

Ground vibration

- L5.4 Ground vibration peak particle velocity from the blasting operations at the premises must not exceed 5mm/sec for more than five percent of the total number of blasts over a reporting period of this licence; and 10mm/s at one time.
- L5.5 Vibration from blasting operations at the premises is to be measured at the most affected point residential property boundary; or if this is more than 30 metres from the residence, at the most affected point 30 metres from the residence or other noise sensitive area in the vicinity of the premises, to determine compliance with L5.4.

L6 Hours of operation

- L6.1 All quarrying and waste compaction activities at the premises must only be conducted between the following hours: 7.00am to 6.00pm Monday to Friday; 7.00am to 5.00pm Saturdays; and 8.00am to 5.00pm Sundays and Public Holidays.
- L6.2 All waste receipt activities at the premises must only be conducted between the following hours: 6.00am to 6.00pm Monday to Friday; 7.00am to 5.00pm Saturdays; and 8.00am to 5.00pm Sundays and Public Holidays.

L7 Potentially offensive odour

- L7.1 No condition of this licence identifies a potentially offensive odour for the purposes of section 129 of the Protection of the Environment Operations Act 1997.

Note: Section 129 of the Protection of the Environment Operations Act 1997, provides that the licensee must not cause or permit the emission of any offensive odour from the premises but provides a defence if the emission is identified in the relevant environment protection licence as a potentially offensive odour and the odour was emitted in accordance with the conditions of a licence directed at minimising odour.

4 Operating Conditions

O1 Activities must be carried out in a competent manner

- O1.1 Licensed activities must be carried out in a competent manner.
- This includes:
- a) the processing, handling, movement and storage of materials and substances used to carry out the activity; and
 - b) the treatment, storage, processing, reprocessing, transport and disposal of waste generated by the activity.

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- O1.2 All operations and activities occurring at the premises must be carried out in a manner that will prevent and minimise fire at the premises.

O2 Maintenance of plant and equipment

- O2.1 All plant and equipment installed at the premises or used in connection with the licensed activity:
- a) must be maintained in a proper and efficient condition; and
 - b) must be operated in a proper and efficient manner.

O3 Dust

- O3.1 The premises must be maintained in a condition which minimises or prevents the emission of dust from the premises.
- O3.2 The licensee must ensure no material, including sediment, is tracked from the premises.

O4 Emergency response

- O4.1 The licensee must maintain, and implement as necessary, a current emergency response plan for the premises. The licensee must keep the emergency response plan on the premises at all times. The emergency response plan must document systems and procedures to deal with all types of incidents (e.g. spills, explosions or fire) that may occur at the premises or that may be associated with activities that occur at the premises and which are likely to cause harm to the environment. If a current emergency response plan does not exist at the date on which this condition is attached to the licence, the licensee must develop an emergency response plan within three months of that date.

O5 Processes and management

- O5.1 The licensee must take all practicable steps to control entry to the premises.
- O5.2 Waste screening protocols for all waste must, at a minimum, be in accordance with Sections 3.1.5, 3.1.7 and 3.2.3, of the "Elizabeth Drive Landfill's Draft Management Manual Edition 1, Amendment 3, January 1998" (LEMP).
- O5.3 Activities occurring at the premises must be carried out in a manner that will prevent litter escaping the premises.

O6 Waste management

- O6.1 General solid waste which is to be landfilled at the premises must be deposited within landfill cells D1, E3, E4, F2A, F1A, F3A, F1B, F2B, F3B and F4 only.

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Note: No waste is to be disposed of in General Solid Waste Cell F1B until the separation geotextile is placed on the leachate drainage layer in accordance with the CQA Plan.

- O6.2 Restricted solid waste which is to be landfilled at the Premises must be deposited within landfill cell A6, A7 and A8 only.
- O6.3 The licensee must provide a report to the EPA which details the design, construction, operation and rehabilitation of any new landfill cell proposed to be constructed at the premises. This report must be submitted to the EPA at least six months before the licensee intends to construct the proposed new landfill cell. The report must also include details of a quality assurance / quality construction ("QA / QC") program which can demonstrate that the landfill cell will be constructed to meet its design specifications.
- O6.4 The QA / QC report must detail the construction and design details of any new landfill cell, new sediment pond, or new leachate pond at the premises. This should include surveys and works as executed drawings, and results of a QA / QC program to verify that the cell and any sediment or leachate pond was constructed in accordance with its design.
- O6.5 There must be no incineration or burning of any waste at the premises.

Covering of waste

- O6.6 Cover material must be:
- a) Daily cover
Daily cover material must be either:
 - i) virgin excavated natural material (VENM); or
 - ii) approved alternative daily cover (ADC).Daily cover material must be applied to a minimum depth of 15 centimetres over all exposed landfilled waste prior to ceasing operations at the end of each day.
 - b) Intermediate cover
Virgin excavated natural material (VENM) must be applied to a depth of 30 centimetres over surfaces of the landfilled waste at the premises which are to be exposed for more than 90 days.
 - c) Cover material stockpile
At least two weeks cover material must be available at the premises under all weather conditions. This material may be won on site, or alternatively a cover stockpile must be maintained adjacent to the tip face.
- O6.7 For the purposes of condition O6.6 (a) (ii) the approved ADC is either:
- 1. ConCover that achieves the performance criteria specified in Section 8 Covering of Waste of NSW EPA Environmental Guidelines Solid Waste Landfills Second Edition, 2016; or
 - 2. a tarpaulin system (Tarpomatic or similar).
- ADC is not approved for use on the Restricted Solid Waste Landfill Cells.
- O6.8 Asbestos waste disposed of at the site must be covered:
- 1. initially at the time of disposal with either VENM to a depth of 0.15 metres or general solid waste to a depth of 0.5 metres; and

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2. at the end of each day's operation with either VENM to a depth of 0.5 metres or general solid waste to a depth of at least 1 metre.

O6.9 Where wastes are received at the premises for purposes of storage or processing, or transfer to another premises, then such wastes are not required to be covered on a daily basis provided that:

- a) such wastes are stored and managed so as not cause or be likely to cause any off-site environmental effects;
- b) such wastes are stored in a clearly defined area of the premises away from the tipping face.

Construction of General Solid Waste (non-putrescible) Landfill Cells - F Series

O6.10 The licensee must construct the F series cells in accordance with the GHD prepared Detailed Drawings for the Construction (Our Ref: DOC15/344654-03; Your Ref: 21-24201 series and Our Ref: DOC18/879700-01; Your Ref: 21-27038 series), Specification (Our Ref: DOC15/344654-01; Your Ref: 21/24201/210643 and Our Ref: DOC18/879700-03; Your Ref: 21-27038 series), and Construction Quality Assurance Plan (Our Ref: DOC15/344654-02; Your Ref: 21/24201/210645 and Our Ref: DOC18/879700-02; Your Ref: 21-27038 series).

O6.11 Waste must not be disposed of in any of the F series cells until the licensee has submitted to the EPA a Construction Quality Assurance Report, prepared in accordance with the Construction Quality Assurance Plan (Our Ref: DOC15/344654-02; Your Ref: 21/24201/210645) for the respective F series cell (or cells) and the licensee has written approval from the EPA to dispose of waste in the respective cell (or cells).

General Solid Waste (non-putrescible) Landfills Cells - Leachate Management

O6.12 A leachate barrier system and leachate collection system must be installed in accordance with "NSW EPA Environmental Guidelines Solid Waste Landfills, Second Edition, 2016".

O6.13 Leachate in any sump must not exceed a level that is equivalent to a saturated leachate depth of 300mm above the liner floor.

O6.14 The licensee must have all leachate re-injection areas in the general solid waste (non-putrescible) landfill cells, banded at all times to contain the leachate.

O6.15 The licensee must manage the disposal of waste at the premises in accordance with the progressive filling plan as specified in Section 1.7.5 of the LEMP.

Restricted Solid Waste Cells - Leachate Management System

O6.16 All dedicated restricted solid waste cells must have a primary, secondary and tertiary leachate collection and conveyance system (LCCS), Flexible Membrane Liner, Fibre-reinforced Geosynthetic Clay Liner and re-compacted clay liner.

O6.17 The primary and secondary LCCS must be:

- a) kept operational for a period at least up to the end of the post-closure care period of the landfill; and
- b) chemically resistant to the chemicals in solution in the landfill leachate.

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O6.18 The depth of leachate in the primary LCCS must not exceed 300 mm.

O6.19 All liquids extracted from the primary and secondary LCCS must be deemed to be leachate.

O6.20 Only leachate which has originated from the restricted solid waste cells may be re-circulated into the restricted solid waste cells.

Restricted Solid Waste Landfill Cells - Height Limit

O6.21 The finished surface or any intermediate surface for landfill Cells A3, A4 and A5 must be less than 25 metres above the secondary LCCS.

Note: Landfill Cells A3, A4 and A5 are as described in the documents "Variation to Construction of the industrial Waste Cell Lining System, Elizabeth Drive Landfill – Parsons Brinckerhoff Australia Pty Ltd, 4 December 2002" and "Elizabeth Drive Landfill – Specification for Lining Works, Cell A3 – Parsons Brinckerhoff Australia Pty Ltd, 4 December 2002" and "SITA Elizabeth Drive Landfill Licence Variation Application (Industrial Waste Cell A5)" – Maunsell Australia Pty Ltd - 16 January 2008.

Restricted Solid Waste Cells - Final Capping Specifications

O6.22 The completed dedicated restricted solid waste landfill cells must have a final capping comprising a bearing layer, overlaid by a composite liner system, overlaid by a middle drainage layer, and overlaid by a vegetated top cover.

O6.23 The bearing layer must comprise the 450mm layer of intermediate and daily cover.

O6.24 The composite liner system must consist of a GCL of a permeability to water of less than 4×10^{-11} m/s, laid over a foundation layer of re-compacted clay at least 600 mm in thickness, and with a permeability to water of less than 10^{-9} m/s. The re-compacted clay must be placed in layers with a maximum thickness of 300 mm. Each successive lift must be of the same material and the surface of each underlying layer must be scoured to prevent extreme permeability due to laminations between layers. The final grade of the composite liner system must be not less than 2 per cent at any point of measurement.

O6.25 A middle drainage layer must be placed over the composite liner system. The drainage layer must have an equivalent or greater transmissivity to 300 mm drainage aggregate with a permeability of 10^{-3} m/s

O6.26 A revegetation layer of a depth of not less than 1 metre must be placed over the drainage layer. Plants selected for revegetation must have root systems that will not penetrate beyond the revegetation layer or block the drainage layer. The final grade of the vegetative layer should be between 3 and 5 per cent.

O6.27 The capping works for the restricted waste cells must be undertaken in accordance with the conditions of this licence and in accordance with the documentation prepared by GHD ref. 21/19947/179137 and 21/19947/187334

General Solid Waste (Non-Putrescible) Waste Landfill Cells - Final Capping

O6.28 The final capping of the general solid waste (non-putrescible) landfill cells must consist of a seal bearing layer of no less than 300mm as proposed in the document titled "SITA Environmental Solutions – Report

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for Elizabeth Drive Landfill – Final Capping Layer Design” prepared by GHD Pty Ltd on behalf of SITA Australia Pty Ltd (dated November 2006).

- O6.29 The final capping of the general solid waste (non-putrescible) landfill cells must consist of a sealing layer of at least 500mm of compacted clay or shale having a permeability less than $k = 10^{-8} \text{ ms}^{-1}$ as described in the Environmental Guidelines: Solid Waste Landfills (1996).
- O6.30 The final capping of the general solid waste (non-putrescible) landfill cells must consist of a revegetation layer at least 300mm thick as proposed in the document titled “SITA Environmental Solutions – Report for Elizabeth Drive Landfill – Final Capping Layer Design” prepared by GHD Pty Ltd on behalf of SITA Australia Pty Ltd (November, 2006). The revegetation layer must meet Australian Standard for composts and soil conditioners AS4454-2003 (unrestricted).
- O6.31 The final capping of the general solid waste (non-putrescible) landfill cells must commence within 12 months of final landform contours for waste being achieved for each waste cell and be completed within 18 months of commencement.
- O6.32 The licensee must undertake permeability tests at a frequency of one test for every 5000 square metres of upper surface of the sealing layer of the general solid (non-putrescible) waste landfill cells in accordance with AS 1289.6.7.3 (undisturbed).
- O6.33 The construction of the capping works in the general solid (non-putrescible) waste landfill cells must be supervised by a suitably qualified and experienced person (such as a chartered professional engineer with Engineers Australia).
- O6.34 Within 3 months of completing the capping of the general solid (non-putrescible) waste landfill cells, the licensee must provide the EPA with a report which contains:
- a) as constructed drawings prepared from field surveys which depict the bottom and top surface of the seal bearing layer, sealing layer and revegetation layer;
 - b) the results of the tests conducted in accordance with Condition 06.24
 - c) an assessment of the performance of the recently installed capping works.

Noise mitigation during capping activities

- O6.35 During any capping activities at the premises, the licensee must implement each of the noise mitigation measures set out in Part 5 - Mitigation Measures of the report titled *Elizabeth Drive SAWT & Landfill - Cumulative Noise Assessment (Report No. 04092-L, version B) July 2009* prepared by Wilkinson Murray Pty Limited on behalf of the licensee.

Closure Plan

- O6.36 The licensee must prepare and submit to the EPA, within twelve months prior to the last load of waste being landfilled, a closure plan in accordance with section 76 of the Protection of the Environment Operations Act 1997.

O7 Other operating conditions

Management of surface waters

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- O7.1 The surface of the landfilled area of the premises must be contoured to minimise the drainage of surface waters onto areas where waste has been landfilled, except during a rainfall event of not less than 1 in 10 year occurrence over a 24 hour period.
- O7.2 Drainage from the waste facility not subject to waste disposal must be directed away from the areas at which waste is being disposed.

5 Monitoring and Recording Conditions

M1 Monitoring records

- M1.1 The results of any monitoring required to be conducted by this licence or a load calculation protocol must be recorded and retained as set out in this condition.
- M1.2 All records required to be kept by this licence must be:
- a) in a legible form, or in a form that can readily be reduced to a legible form;
 - b) kept for at least 4 years after the monitoring or event to which they relate took place; and
 - c) produced in a legible form to any authorised officer of the EPA who asks to see them.
- M1.3 The following records must be kept in respect of any samples required to be collected for the purposes of this licence:
- a) the date(s) on which the sample was taken;
 - b) the time(s) at which the sample was collected;
 - c) the point at which the sample was taken; and
 - d) the name of the person who collected the sample.

Requirement to keep records of restricted solid waste disposal

- M1.4 The licensee must maintain records of the quantity, composition, source, and disposal locations of all consignments of restricted solid waste disposed of at the premises.
- M1.5 The disposal locations must be recorded on the Australian Map Grid (AMG) and Australian Height Datum (AHD), or recorded on a grid and datum that can be readily converted to AGM and AHD.
- M1.6 The recorded disposal locations must be recorded accurately with Global Positioning System (GPS).

M2 Requirement to monitor concentration of pollutants discharged

- M2.1 For each monitoring/discharge point or utilisation area specified below (by a point number), the licensee must monitor (by sampling and obtaining results by analysis) the concentration of each pollutant specified in Column 1. The licensee must use the sampling method, units of measure, and sample at the frequency, specified opposite in the other columns:
- M2.2 Air Monitoring Requirements

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POINT 5,6,7,8,9,10

Pollutant	Units of measure	Frequency	Sampling Method
Particulates - Deposited Matter	grams per square metre per month	Quarterly	Australian Standard 3580.10.1-1991

POINT 45,46,47,48,49,50,51

Pollutant	Units of measure	Frequency	Sampling Method
Carbon dioxide	percent by volume	Quarterly	Special Method 2
Methane	percent by volume	Quarterly	Special Method 2

POINT 56,57

Pollutant	Units of measure	Frequency	Sampling Method
Dry gas density	kilograms per cubic metre	Special Frequency 3	TM-23
Hydrogen Sulfide	micrograms per cubic metre	Special Frequency 3	TM-5
Moisture	percent	Special Frequency 3	TM-22
Molecular weight of stack gases	grams per gram mole	Special Frequency 3	TM-23
Nitrogen Oxides	milligrams per cubic metre	Special Frequency 3	TM-11
Oxygen (O ₂)	percent	Special Frequency 3	TM-25
Sulfuric acid mist and sulfur trioxide (as SO ₃)	milligrams per cubic metre	Special Frequency 3	TM-3
Sulphur dioxide	milligrams per cubic metre	Special Frequency 3	TM-4
Temperature	degrees Celsius	Special Frequency 3	TM-2
Velocity	metres per second	Special Frequency 3	TM-2
volatile organic compounds as n-propane equivalent	milligrams per cubic metre	Special Frequency 3	TM-34
Volumetric flowrate	cubic metres per second	Special Frequency 3	TM-2

POINT 58

Pollutant	Units of measure	Frequency	Sampling Method
Temperature	degrees Celsius	Yearly	TM-2
Volumetric flowrate	cubic metres per second	Yearly	CEM-6

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M2.3 For the purpose of the tables above, Special Frequency 3 means collection of samples must be collected and analysed at least once every 5 years.

M2.4 Water and/ or Land Monitoring Requirements

POINT 13,15,34,35

Pollutant	Units of measure	Frequency	Sampling Method
BOD	milligrams per litre	Special Frequency 1	Grab sample
Conductivity	microsiemens per centimetre	Special Frequency 1	Grab sample
Nitrogen (ammonia)	milligrams per litre	Special Frequency 1	Grab sample
Total organic carbon	milligrams per litre	Special Frequency 1	Grab sample
TSS	milligrams per litre	Special Frequency 1	Grab sample

POINT 16,17,18,19,20,21,22,54

Pollutant	Units of measure	Frequency	Sampling Method
Alkalinity (as calcium carbonate)	milligrams per litre	Every 6 months	Grab sample
Aluminium	milligrams per litre	Yearly	Grab sample
Arsenic	milligrams per litre	Yearly	Grab sample
Barium	milligrams per litre	Yearly	Grab sample
Benzene	milligrams per litre	Yearly	Grab sample
Cadmium	milligrams per litre	Yearly	Grab sample
Calcium	milligrams per litre	Every 6 months	Grab sample
Chloride	milligrams per litre	Every 6 months	Grab sample
Chromium	milligrams per litre	Yearly	Grab sample
Conductivity	microsiemens per centimetre	Every 6 months	Grab sample
Copper	milligrams per litre	Yearly	Grab sample
Dissolved Oxygen	milligrams per litre	Every 6 months	Grab sample
Fluoride	milligrams per litre	Every 6 months	Grab sample
Iron	milligrams per litre	Yearly	Grab sample
Lead	milligrams per litre	Yearly	Grab sample
Magnesium	milligrams per litre	Every 6 months	Grab sample
Manganese	milligrams per litre	Yearly	Grab sample
Mercury	milligrams per litre	Yearly	Grab sample
Nickel	milligrams per litre	Yearly	Grab sample
Nitrate	milligrams per litre	Every 6 months	Grab sample
Nitrite	milligrams per litre	Every 6 months	Grab sample
Nitrogen (ammonia)	milligrams per litre	Quarterly	Grab sample
Nitrogen (total)	milligrams per litre	Every 6 months	Grab sample
pH	pH	Every 6 months	Grab sample
Phenols	milligrams per litre	Every 6 months	Grab sample

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Phosphorus (total)	milligrams per litre	Every 6 months	Grab sample
Polycyclic aromatic hydrocarbons	milligrams per litre	Every 6 months	Grab sample
Potassium	milligrams per litre	Every 6 months	Grab sample
Redox potential	millivolts	Every 6 months	Grab sample
Selenium	milligrams per litre	Every 6 months	Grab sample
Silver	milligrams per litre	Every 6 months	Grab sample
Sodium	milligrams per litre	Every 6 months	Grab sample
Standing Water Level	metres	Quarterly	In situ
Sulfate	milligrams per litre	Every 6 months	Grab sample
Total organic carbon	milligrams per litre	Quarterly	Grab sample
Total petroleum hydrocarbons	milligrams per litre	Every 6 months	Grab sample
Zinc	milligrams per litre	Yearly	Grab sample

POINT 23,24,25,31,33,59,60,61

Pollutant	Units of measure	Frequency	Sampling Method
BOD	milligrams per litre	Quarterly	Grab sample
Conductivity	microsiemens per centimetre	Quarterly	Grab sample
Nitrogen (ammonia)	milligrams per litre	Quarterly	Grab sample
pH	pH	Quarterly	Grab sample
Total organic carbon	milligrams per litre	Quarterly	Grab sample
Total suspended solids	milligrams per litre	Quarterly	Grab sample

POINT 26,27,28,29,36,38,40,41,43,44,52,55

Pollutant	Units of measure	Frequency	Sampling Method
Adsorbable Organic Halogens	milligrams per litre	Quarterly	Grab sample
Alkalinity (as calcium carbonate)	milligrams per litre	Quarterly	Grab sample
Aluminium	milligrams per litre	Quarterly	Grab sample
Arsenic	milligrams per litre	Quarterly	Grab sample
Barium	milligrams per litre	Quarterly	Grab sample
Benzene	milligrams per litre	Every 6 months	Grab sample
Bicarbonate	milligrams per litre	Quarterly	Grab sample
BOD	milligrams per litre	Quarterly	Grab sample
Cadmium	milligrams per litre	Quarterly	Grab sample
Calcium	milligrams per litre	Quarterly	Grab sample
Chemical oxygen demand	milligrams per litre	Yearly	Grab sample
Chloride	milligrams per litre	Quarterly	Grab sample
Chlorinated Hydrocarbons	milligrams per litre	Every 6 months	Grab sample

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Chromium	milligrams per litre	Quarterly	Grab sample
Conductivity	microsiemens per centimetre	Quarterly	Grab sample
Copper	milligrams per litre	Quarterly	Grab sample
Dissolved Oxygen	milligrams per litre	Quarterly	Grab sample
Fluoride	milligrams per litre	Quarterly	Grab sample
Lead	milligrams per litre	Quarterly	Grab sample
Magnesium	milligrams per litre	Quarterly	Grab sample
Manganese	milligrams per litre	Quarterly	Grab sample
Mercury	milligrams per litre	Quarterly	Grab sample
Nickel	milligrams per litre	Every 6 months	Grab sample
Nitrate	milligrams per litre	Quarterly	Grab sample
Nitrite	milligrams per litre	Quarterly	Grab sample
Nitrogen (ammonia)	milligrams per litre	Quarterly	Grab sample
Nitrogen (total)	milligrams per litre	Quarterly	Grab sample
pH	pH	Quarterly	Grab sample
Phosphorus (total)	milligrams per litre	Quarterly	Grab sample
Polycyclic aromatic hydrocarbons	milligrams per litre	Every 6 months	Grab sample
Potassium	milligrams per litre	Quarterly	Grab sample
Redox potential	millivolts	Quarterly	Grab sample
Selenium	milligrams per litre	Yearly	Grab sample
Silica	milligrams per litre	Yearly	Grab sample
Silver	milligrams per litre	Yearly	Grab sample
Sodium	milligrams per litre	Quarterly	Grab sample
Standing Water Level	metres	Continuous	Continuously
Sulfate	milligrams per litre	Quarterly	Grab sample
Tin	milligrams per litre	Every 6 months	Grab sample
Total dissolved solids	milligrams per litre	Quarterly	Grab sample
Total organic carbon	milligrams per litre	Quarterly	Grab sample
Total Phenolics	milligrams per litre	Quarterly	Grab sample
Zinc	milligrams per litre	Quarterly	Grab sample

POINT 27,28,36,38,41,52

Pollutant	Units of measure	Frequency	Sampling Method
Organotin Compounds (MBT, DBT & TBT)	micrograms per litre	Quarterly	Grab sample

POINT 37,39,53

Pollutant	Units of measure	Frequency	Sampling Method
Adsorbable Organic Halogens	milligrams per litre	Special Frequency 4	Grab sample

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Alkalinity (as calcium carbonate)	milligrams per litre	Special Frequency 4	Grab sample
Aluminium	milligrams per litre	Special Frequency 4	Grab sample
Arsenic	milligrams per litre	Special Frequency 4	Grab sample
Barium	milligrams per litre	Special Frequency 4	Grab sample
Benzene	milligrams per litre	Special Frequency 4	Grab sample
Bicarbonate	milligrams per litre	Special Frequency 4	Grab sample
BOD	milligrams per litre	Special Frequency 4	Grab sample
Cadmium	milligrams per litre	Special Frequency 4	Grab sample
Calcium	milligrams per litre	Special Frequency 4	Grab sample
Chemical oxygen demand	milligrams per litre	Special Frequency 4	Grab sample
Chloride	milligrams per litre	Special Frequency 4	Grab sample
Chlorinated Hydrocarbons	milligrams per litre	Special Frequency 4	Grab sample
Chromium	micrograms per litre	Special Frequency 4	Grab sample
Conductivity	microsiemens per centimetre	Special Frequency 4	Grab sample
Copper	milligrams per litre	Special Frequency 4	Grab sample
Dissolved Oxygen	milligrams per litre	Special Frequency 4	Grab sample
Fluoride	milligrams per litre	Special Frequency 4	Grab sample
Lead	milligrams per litre	Special Frequency 4	Grab sample
Magnesium	milligrams per litre	Special Frequency 4	Grab sample
Manganese	milligrams per litre	Special Frequency 4	Grab sample
Mercury	milligrams per litre	Special Frequency 4	Grab sample
Nickel	milligrams per litre	Special Frequency 4	Grab sample
Nitrate	milligrams per litre	Special Frequency 4	Grab sample
Nitrite	milligrams per litre	Special Frequency 4	Grab sample
Nitrogen (ammonia)	milligrams per litre	Special Frequency 4	Grab sample
Nitrogen (total)	milligrams per litre	Special Frequency 4	Grab sample
pH	pH	Special Frequency 4	Grab sample
Phosphorus	milligrams per litre	Special Frequency 4	Grab sample
Polycyclic aromatic hydrocarbons	milligrams per litre	Special Frequency 4	Grab sample
Potassium	milligrams per litre	Special Frequency 4	Grab sample
Redox potential	millivolts	Special Frequency 4	Grab sample
Selenium	milligrams per litre	Special Frequency 4	Grab sample
Silica	milligrams per litre	Special Frequency 4	Grab sample
Silver	milligrams per litre	Special Frequency 4	Grab sample
Sodium	milligrams per litre	Special Frequency 4	Grab sample
Standing Water Level	metres	Special Frequency 4	Continuously
Sulfate	milligrams per litre	Special Frequency 4	Grab sample
Tin	milligrams per litre	Special Frequency 4	Grab sample
Total dissolved solids	milligrams per litre	Special Frequency 4	Grab sample
Total organic carbon	milligrams per litre	Special Frequency 4	Grab sample
Total Phenolics	milligrams per litre	Special Frequency 4	Grab sample

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Zinc	milligrams per litre	Special Frequency 4	Grab sample
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M2.5 For the purpose of the tables above, Special Frequency 1 means collection of samples:

a) on the first day of the discharge from Points 13, 15, 34 and 35 and at least once every calendar month during continued discharge events thereafter.

M2.6 The licensee must monitor the leachate level continuously at Points 26, 28 and 29.

M2.7 For the purpose of the tables above, Special Frequency 2 means subsurface gas monitoring must be undertaken in accordance with Section 5.3 of the "NSW EPA Environmental Guidelines Solid Waste Landfills, Second edition, 2016".

M2.8 For the purposes of the tables above, Special Frequency 4 means monitoring of the leachate detection system of the restricted solid waste cells for monitoring points 37, 39 and 53. Monitoring is to be undertaken quarterly and where sufficient liquid is available, must be analysed in accordance with the table.

Groundwater monitoring - Notification of exceedances

M2.9 In the event that monitoring of groundwater monitoring bores required under condition M2.1 of the licence detects ammonia in the groundwater at a concentration above 15mg/L in any of the points (EPA identification no.): 16, 17, 18, 19, 20, 21, 22 and 54, the licensee must send written notification to Director Waste Compliance within 14 days of monitoring results becoming available.

M2.10 The licensee must monitor the depressurised groundwater from the general solid (non-putrescible) waste cells. If the depressurised groundwater detects ammonia at a concentration above 15mg/L, the licensee must send written notification to Director Waste Compliance within 14 days of the monitoring results becoming available.

M3 Testing methods - concentration limits

M3.1 Monitoring for the concentration of a pollutant emitted to the air required to be conducted by this licence must be done in accordance with:

- any methodology which is required by or under the Act to be used for the testing of the concentration of the pollutant; or
- if no such requirement is imposed by or under the Act, any methodology which a condition of this licence requires to be used for that testing; or
- if no such requirement is imposed by or under the Act or by a condition of this licence, any methodology approved in writing by the EPA for the purposes of that testing prior to the testing taking place.

M3.2 Subject to any express provision to the contrary in this licence, monitoring for the concentration of a pollutant discharged to waters or applied to a utilisation area must be done in accordance with the Approved Methods Publication unless another method has been approved by the EPA in writing before any tests are conducted.

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Note: The *Protection of the Environment Operations (Clean Air) Regulation 2010* requires testing for certain purposes to be conducted in accordance with test methods contained in the publication "Approved Methods for the Sampling and Analysis of Air Pollutants in NSW".

M4 Weather monitoring

M4.1 The licensee must monitor:

- a) daily wind speed and direction; and
- b) daily rainfall.

M5 Recording of pollution complaints

M5.1 The licensee must keep a legible record of all complaints made to the licensee or any employee or agent of the licensee in relation to pollution arising from any activity to which this licence applies.

M5.2 The record must include details of the following:

- a) the date and time of the complaint;
- b) the method by which the complaint was made;
- c) any personal details of the complainant which were provided by the complainant or, if no such details were provided, a note to that effect;
- d) the nature of the complaint;
- e) the action taken by the licensee in relation to the complaint, including any follow-up contact with the complainant; and
- f) if no action was taken by the licensee, the reasons why no action was taken.

M5.3 The record of a complaint must be kept for at least 4 years after the complaint was made.

M5.4 The record must be produced to any authorised officer of the EPA who asks to see them.

M6 Telephone complaints line

M6.1 The licensee must operate during its operating hours a telephone complaints line for the purpose of receiving any complaints from members of the public in relation to activities conducted at the premises or by the vehicle or mobile plant, unless otherwise specified in the licence.

M6.2 The licensee must notify the public of the complaints line telephone number and the fact that it is a complaints line so that the impacted community knows how to make a complaint.

M6.3 The preceding two conditions do not apply until 3 months after: the date of the issue of this licence.

M7 Other monitoring and recording conditions

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Recording of fires

- M7.1 The licensee or its employees or agents must notify the EPA of the occurrence of all fires on the premises as soon as practical after becoming aware of the fire.
- M7.2 The licensee must record the following data for every fire at the premises:
- a) time and date that the fire was started;
 - b) time and date that the fire was either burnt-out or extinguished;
 - c) location of the fire;
 - d) prevailing weather conditions; and
 - e) observations made with regard to smoke detection and dispersion.

Noise monitoring

- M7.3 Noise generated from the premises expressed as LA10(15 minute) must be measured at the three nearest affected residents every 12 months over a full working day.

Landfill gas monitoring

- M7.4 Landfill gas monitoring must be undertaken in accordance with Section 5 of the "NSW EPA Environmental Guidelines Solid Waste Landfills, Second edition, 2016" with the exception of surface gas emissions monitoring which is to be conducted quarterly.
- M7.5 If the subsurface or enclosed space gas monitoring detects methane concentrations above 1% (v/v), the licensee must:
- a) notify the EPA within 24 hours;
 - b) increase the frequency of monitoring to daily until advised otherwise in writing by the EPA; and
 - c) submit a written assessment to the EPA within 14 days of the incident becoming known to the licensee; the report must detail the emissions, and the management controls implemented (or proposed to be implemented), to prevent further emissions.

Leachate monitoring in restricted solid waste cells

- M7.6 The licensee must monitor for the presence of leachate in secondary and tertiary LCCS drainage layers in all restricted solid waste landfill cells. If leachate is detected, the licensee must immediately take action in accordance with the 'Leak Response Plan' detailed in Part (e) of the licensee's letter to the EPA dated 24 July 2000.
- M7.7 If Organotin compounds are detected in the leachate monitoring, the licensee must notify the EPA within 14 days.

6 Reporting Conditions

R1 Annual return documents

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R1.1 The licensee must complete and supply to the EPA an Annual Return in the approved form comprising:

1. a Statement of Compliance,
2. a Monitoring and Complaints Summary,
3. a Statement of Compliance - Licence Conditions,
4. a Statement of Compliance - Load based Fee,
5. a Statement of Compliance - Requirement to Prepare Pollution Incident Response Management Plan,
6. a Statement of Compliance - Requirement to Publish Pollution Monitoring Data; and
7. a Statement of Compliance - Environmental Management Systems and Practices.

At the end of each reporting period, the EPA will provide to the licensee a copy of the form that must be completed and returned to the EPA.

R1.2 An Annual Return must be prepared in respect of each reporting period, except as provided below.

R1.3 Where this licence is transferred from the licensee to a new licensee:

- a) the transferring licensee must prepare an Annual Return for the period commencing on the first day of the reporting period and ending on the date the application for the transfer of the licence to the new licensee is granted; and
- b) the new licensee must prepare an Annual Return for the period commencing on the date the application for the transfer of the licence is granted and ending on the last day of the reporting period.

R1.4 Where this licence is surrendered by the licensee or revoked by the EPA or Minister, the licensee must prepare an Annual Return in respect of the period commencing on the first day of the reporting period and ending on:

- a) in relation to the surrender of a licence - the date when notice in writing of approval of the surrender is given; or
- b) in relation to the revocation of the licence - the date from which notice revoking the licence operates.

R1.5 The Annual Return for the reporting period must be supplied to the EPA via eConnect *EPA* or by registered post not later than 60 days after the end of each reporting period or in the case of a transferring licence not later than 60 days after the date the transfer was granted (the 'due date').

R1.6 The licensee must retain a copy of the Annual Return supplied to the EPA for a period of at least 4 years after the Annual Return was due to be supplied to the EPA.

R1.7 Within the Annual Return, the Statements of Compliance must be certified and the Monitoring and Complaints Summary must be signed by:

- a) the licence holder; or
- b) by a person approved in writing by the EPA to sign on behalf of the licence holder.

Note: The term "reporting period" is defined in the dictionary at the end of this licence. Do not complete the Annual Return until after the end of the reporting period.

Note: An application to transfer a licence must be made in the approved form for this purpose.

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R2 Notification of environmental harm

R2.1 Notifications must be made by telephoning the Environment Line service on 131 555.

R2.2 The licensee must provide written details of the notification to the EPA within 7 days of the date on which the incident occurred.

Note: The licensee or its employees must notify all relevant authorities of incidents causing or threatening material harm to the environment immediately after the person becomes aware of the incident in accordance with the requirements of Part 5.7 of the Act.

R3 Written report

R3.1 Where an authorised officer of the EPA suspects on reasonable grounds that:

- a) where this licence applies to premises, an event has occurred at the premises; or
- b) where this licence applies to vehicles or mobile plant, an event has occurred in connection with the carrying out of the activities authorised by this licence, and the event has caused, is causing or is likely to cause material harm to the environment (whether the harm occurs on or off premises to which the licence applies), the authorised officer may request a written report of the event.

R3.2 The licensee must make all reasonable inquiries in relation to the event and supply the report to the EPA within such time as may be specified in the request.

R3.3 The request may require a report which includes any or all of the following information:

- a) the cause, time and duration of the event;
- b) the type, volume and concentration of every pollutant discharged as a result of the event;
- c) the name, address and business hours telephone number of employees or agents of the licensee, or a specified class of them, who witnessed the event;
- d) the name, address and business hours telephone number of every other person (of whom the licensee is aware) who witnessed the event, unless the licensee has been unable to obtain that information after making reasonable effort;
- e) action taken by the licensee in relation to the event, including any follow-up contact with any complainants;
- f) details of any measure taken or proposed to be taken to prevent or mitigate against a recurrence of such an event; and
- g) any other relevant matters.

R3.4 The EPA may make a written request for further details in relation to any of the above matters if it is not satisfied with the report provided by the licensee. The licensee must provide such further details to the EPA within the time specified in the request.

7 General Conditions

G1 Copy of licence kept at the premises or plant

G1.1 A copy of this licence must be kept at the premises to which the licence applies.

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G1.2 The licence must be produced to any authorised officer of the EPA who asks to see it.

G1.3 The licence must be available for inspection by any employee or agent of the licensee working at the premises.

8 Special Conditions

E1 Financial assurance

E1.1 A financial assurance, in favour of the EPA, in the amount of one million, two hundred and fifty thousand dollars (\$1,250,000) must be maintained during the operation of the facility and thereafter until such time as the EPA is satisfied that the premises is environmentally secure.

This assurance must be replenished to the full amount should the EPA have reason to call up the assurance, or any part thereof, to correct environmental problems which have not been remedied by the occupier upon being given notice to do so.

Failure to maintain the assurance at the full amount will result in suspension of this licence.

E2 Environmental obligations of a licensee

E2.1

While the licensee's premises are being used for the purpose to which the licence relates, the licensee must:

a) Clean up any spill, leak or other discharge of any waste(s) or other material(s) as soon as practicable after it becomes known to the licensee or to one of the licensee's employees or agents.

b) In the event(s) that any liquid and non-liquid waste(s) is unlawfully deposited on the premises, such waste(s) must be removed and lawfully disposed of as soon as practicable or in accordance with any direction given by the EPA.

c) Provide all monitoring data as required by the conditions of this licence or as directed by the EPA.

E2.2 In the event of an earthquake, storm, fire, flood or any other event where it is reasonable to suspect that a pollution incident has occurred, is occurring or is likely to occur, the licensee must:

- a) Make all efforts to contain all fire water on the premises;
- b) Make all efforts to control air pollution from the premises;
- c) Make all efforts to contain any discharge, spill or run-off from the premises;
- d) Make all efforts to prevent flood water entering the premises;
- e) Remediate and rehabilitate any exposed areas of soil and/or waste;
- f) Lawfully dispose of all liquid and solid waste(s) stored on the premises that is not already securely disposed of;
- g) At the request of the EPA, monitor groundwater beneath the premises and its potential to migrate

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from the premises;

- h) At the request of the EPA, monitor surface water leaving the premises; and
- i) Ensure the premises is secure.

- E2.3 After the licensee's premises cease to be used for the purposes to which the licence relates or in the event that the licensee ceases to carry out the activity that is the subject of this licence, that licensee must:
- a) Remove and lawfully dispose of all liquid and non-liquid waste stored on the licensee's premises; and
 - b) Rehabilitate the premises, including conducting an assessment of the site and if required remediation of any site contamination.

E3 Construction and Interface Capping for Restricted Solid Waste Cells A6, A7 and A8

- E3.1 As filling progresses in restricted solid waste cells A6, A7 and A8, interface capping must be installed on the western batter of the landfill waste. The interface capping must comprise of the following:
- a) 300 mm thick layer of compacted soil;
 - b) geotextile protection layer;
 - c) 2 mm LLDPE geo membrane; and
 - d) drainage geo composite with geotextile bonded to the upper side only.

E4 Construction of restricted solid waste cell A8 and A9

- E4.1 The licensee must construct restricted solid waste cells A8 and A9 in accordance with the GHD prepared drawings (21-19947-C411 to 21-19947-C412), Technical Specifications (2126272 dated August 2017), Construction Quality Assurance Plan (2126272 dated August 2017) and Supplementary Design Information (2126272-80241 dated 10 October 2017).

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Dictionary

General Dictionary

3DGM [in relation to a concentration limit]	Means the three day geometric mean, which is calculated by multiplying the results of the analysis of three samples collected on consecutive days and then taking the cubed root of that amount. Where one or more of the samples is zero or below the detection limit for the analysis, then 1 or the detection limit respectively should be used in place of those samples
Act	Means the Protection of the Environment Operations Act 1997
activity	Means a scheduled or non-scheduled activity within the meaning of the Protection of the Environment Operations Act 1997
actual load	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009
AM	Together with a number, means an ambient air monitoring method of that number prescribed by the <i>Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales</i> .
AMG	Australian Map Grid
anniversary date	The anniversary date is the anniversary each year of the date of issue of the licence. In the case of a licence continued in force by the Protection of the Environment Operations Act 1997, the date of issue of the licence is the first anniversary of the date of issue or last renewal of the licence following the commencement of the Act.
annual return	Is defined in R1.1
Approved Methods Publication	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009
assessable pollutants	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009
BOD	Means biochemical oxygen demand
CEM	Together with a number, means a continuous emission monitoring method of that number prescribed by the <i>Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales</i> .
COD	Means chemical oxygen demand
composite sample	Unless otherwise specifically approved in writing by the EPA, a sample consisting of 24 individual samples collected at hourly intervals and each having an equivalent volume.
cond.	Means conductivity
environment	Has the same meaning as in the Protection of the Environment Operations Act 1997
environment protection legislation	Has the same meaning as in the Protection of the Environment Administration Act 1991
EPA	Means Environment Protection Authority of New South Wales.
fee-based activity classification	Means the numbered short descriptions in Schedule 1 of the Protection of the Environment Operations (General) Regulation 2009.
general solid waste (non-putrescible)	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997

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flow weighted composite sample	Means a sample whose composites are sized in proportion to the flow at each composites time of collection.
general solid waste (putrescible)	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
grab sample	Means a single sample taken at a point at a single time
hazardous waste	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
licensee	Means the licence holder described at the front of this licence
load calculation protocol	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009
local authority	Has the same meaning as in the Protection of the Environment Operations Act 1997
material harm	Has the same meaning as in section 147 Protection of the Environment Operations Act 1997
MBAS	Means methylene blue active substances
Minister	Means the Minister administering the Protection of the Environment Operations Act 1997
mobile plant	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
motor vehicle	Has the same meaning as in the Protection of the Environment Operations Act 1997
O&G	Means oil and grease
percentile [in relation to a concentration limit of a sample]	Means that percentage [eg.50%] of the number of samples taken that must meet the concentration limit specified in the licence for that pollutant over a specified period of time. In this licence, the specified period of time is the Reporting Period unless otherwise stated in this licence.
plant	Includes all plant within the meaning of the Protection of the Environment Operations Act 1997 as well as motor vehicles.
pollution of waters [or water pollution]	Has the same meaning as in the Protection of the Environment Operations Act 1997
premises	Means the premises described in condition A2.1
public authority	Has the same meaning as in the Protection of the Environment Operations Act 1997
regional office	Means the relevant EPA office referred to in the Contacting the EPA document accompanying this licence
reporting period	For the purposes of this licence, the reporting period means the period of 12 months after the issue of the licence, and each subsequent period of 12 months. In the case of a licence continued in force by the Protection of the Environment Operations Act 1997, the date of issue of the licence is the first anniversary of the date of issue or last renewal of the licence following the commencement of the Act.
restricted solid waste	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
scheduled activity	Means an activity listed in Schedule 1 of the Protection of the Environment Operations Act 1997
special waste	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
TM	Together with a number, means a test method of that number prescribed by the <i>Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales</i> .

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TSP	Means total suspended particles
TSS	Means total suspended solids
Type 1 substance	Means the elements antimony, arsenic, cadmium, lead or mercury or any compound containing one or more of those elements
Type 2 substance	Means the elements beryllium, chromium, cobalt, manganese, nickel, selenium, tin or vanadium or any compound containing one or more of those elements
utilisation area	Means any area shown as a utilisation area on a map submitted with the application for this licence
waste	Has the same meaning as in the Protection of the Environment Operations Act 1997
waste type	Means liquid, restricted solid waste, general solid waste (putrescible), general solid waste (non - putrescible), special waste or hazardous waste

Mr Bernie Weir

Environment Protection Authority

(By Delegation)

Date of this edition: 13-September-2001

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End Notes

- 1 Licence varied by notice 1012274, issued on 22-Nov-2001, which came into effect on 17-Dec-2001.
- 2 Licence transferred through application 140946, approved on 04-Dec-2001, which came into effect on 04-Dec-2001.
- 3 Licence varied by Change of contact details, issued on 04-Mar-2002, which came into effect on 04-Mar-2002.
- 4 Licence varied by notice 1027794, issued on 02-Jun-2003, which came into effect on 27-Jun-2003.
- 5 Licence varied by notice 1052725, issued on 24-Jan-2006, which came into effect on 18-Feb-2006.
- 6 Licence varied by notice 1061021, issued on 12-Sep-2006, which came into effect on 12-Sep-2006.
- 7 Licence varied by notice 1065278, issued on 25-Oct-2006, which came into effect on 25-Oct-2006.
- 8 Licence varied by notice 1073171, issued on 21-Sep-2007, which came into effect on 21-Sep-2007.
- 9 Condition A1.3 Not applicable varied by notice issued on <issue date> which came into effect on <effective date>
- 10 Licence varied by notice 1083456, issued on 13-Jan-2009, which came into effect on 13-Jan-2009.
- 11 Licence varied by notice 1098074, issued on 27-Feb-2009, which came into effect on 27-Feb-2009.
- 12 Licence varied by notice 1099619, issued on 08-May-2009, which came into effect on 08-May-2009.
- 13 Licence varied by notice 1104883, issued on 15-Sep-2009, which came into effect on 15-Sep-2009.
- 14 Licence varied by notice 1114444, issued on 28-May-2010, which came into effect on 28-May-2010.
- 15 Licence varied by Correction to EPA Region data record., issued on 28-Jun-2010, which came into effect on 28-Jun-2010.
- 16 Licence varied by correction to DECCW Region data record, issued on 07-Jul-2010, which came into effect on 07-Jul-2010.
- 17 Licence varied by notice 1118752, issued on 25-Aug-2010, which came into effect on 25-Aug-2010.

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18	Licence varied by notice 1122735, issued on 21-Dec-2010, which came into effect on 21-Dec-2010.
19	Licence varied by notice 1123246, issued on 24-Dec-2010, which came into effect on 24-Dec-2010.
20	Licence varied by notice 1501920 issued on 17-Apr-2014
21	Licence varied by notice 1523868 issued on 03-Sep-2014
22	Licence varied by notice 1525173 issued on 11-Dec-2014
23	Licence varied by notice 1530567 issued on 27-Jul-2015
24	Licence varied by notice 1534554 issued on 17-Nov-2015
25	Licence varied by notice 1540226 issued on 23-May-2016
26	Licence varied by notice 1546828 issued on 21-Nov-2016
27	Licence varied by notice 1554158 issued on 14-Aug-2017
28	Licence varied by notice 1556706 issued on 04-Dec-2017
29	Licence varied by notice 1562775 issued on 20-Mar-2018
30	Licence varied by notice 1564175 issued on 19-Jun-2018
31	Licence varied by notice 1568493 issued on 18-Sep-2018
32	Licence varied by notice 1571059 issued on 14-Dec-2018
33	Licence varied by notice 1574677 issued on 06-Feb-2019
34	Licence varied by notice 1575926 issued on 06-Jun-2019
35	Licence varied by notice 1585407 issued on 03-Oct-2019
36	Licence varied by notice 1591296 issued on 12-Mar-2020