

Environment Protection Licence

Licence - 20948

Licence Details

Number:	20948
Anniversary Date:	11-September

Licensee

MET RECYCLING PTY LTD

PO BOX 6547

SILVERWATER DC NSW 1811

Premises

134 NEWTON STREET NORTH AT THE CORNER OF
CARNARVON STREETCORNER OF NEWTON STREET NORTH AND CARNARVON
STREET

SILVERWATER NSW 2128

Scheduled Activity

Resource recovery

Waste storage

Fee Based Activity

Scale

Recovery of general waste	Any general waste recovered
Waste storage - other types of waste	Any other types of waste stored

Contact Us

NSW EPA
 6 Parramatta Square
 10 Darcy Street
 PARRAMATTA NSW 2150
 Phone: 131 555
 Email: info@epa.nsw.gov.au

Locked Bag 5022
 PARRAMATTA NSW 2124

Environment Protection Licence

Licence - 20948

INFORMATION ABOUT THIS LICENCE	4
Dictionary	4
Responsibilities of licensee	4
Variation of licence conditions	4
Duration of licence	4
Licence review	4
Fees and annual return to be sent to the EPA	4
Transfer of licence	5
Public register and access to monitoring data	5
1 ADMINISTRATIVE CONDITIONS	6
A1 What the licence authorises and regulates	6
A2 Premises or plant to which this licence applies	6
A3 Information supplied to the EPA	7
2 DISCHARGES TO AIR AND WATER AND APPLICATIONS TO LAND	7
P1 Location of monitoring/discharge points and areas	7
3 LIMIT CONDITIONS	8
L1 Pollution of waters	8
L2 Waste	8
L3 Noise limits	10
L4 Hours of operation	10
L5 Other limit conditions	11
4 OPERATING CONDITIONS	11
O1 Activities must be carried out in a competent manner	11
O2 Maintenance of plant and equipment	11
O3 Dust	11
O4 Emergency response	12
O5 Processes and management	12
O6 Waste management	12
O7 Other operating conditions	13
5 MONITORING AND RECORDING CONDITIONS	15
M1 Monitoring records	15
M2 Requirement to monitor concentration of pollutants discharged	15
M3 Testing methods - concentration limits	16
M4 Weather monitoring	16
M5 Recording of pollution complaints	17

Environment Protection Licence

Licence - 20948

M6	Telephone complaints line	17
M7	Other monitoring and recording conditions	17
M8	Noise monitoring	18
6	REPORTING CONDITIONS	19
R1	Annual return documents	19
R2	Notification of environmental harm	20
R3	Written report	20
7	GENERAL CONDITIONS	21
G1	Copy of licence kept at the premises or plant	21
8	POLLUTION STUDIES AND REDUCTION PROGRAMS	21
U1	Commissioning Stage Water Monitoring	24
9	SPECIAL CONDITIONS	23
E1	Financial Assurance	23
E2	Environmental Obligations of Licensee	24
DICTIONARY		26
	General Dictionary	26

Environment Protection Licence

Licence - 20948

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).

Environment Protection Licence

Licence - 20948

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:

MET RECYCLING PTY LTD

PO BOX 6547

SILVERWATER DC NSW 1811

subject to the conditions which follow.

Environment Protection Licence

Licence - 20948

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
Resource recovery	Recovery of general waste	Any general waste recovered
Waste storage	Waste storage - other types of waste	Any other types of waste stored

A2 Premises or plant to which this licence applies

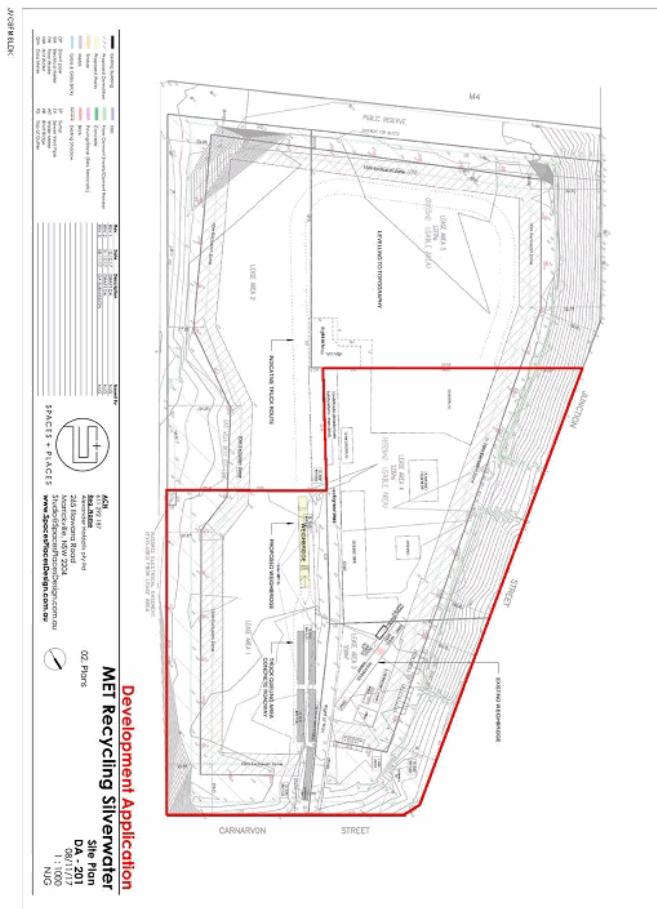
A2.1 The licence applies to the following premises:

Premises Details
134 NEWTON STREET NORTH AT THE CORNER OF CARNARVON STREET
CORNER OF NEWTON STREET NORTH AND CARNARVON STREET
SILVERWATER
NSW 2128
LOT 1 DP 713708
LEASE AREAS 1, 3 AND 4 AS PER DIAGRAM TITLED "MET RECYCLING SILVERWATER SITE PLAN DA - 201" DATED "8 NOVEMBER 2017"

A2.2 The premises location is shown on the map below.

Environment Protection Licence

Licence - 20948



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.

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.

Environment Protection Licence

Licence - 20948

Air

EPA identification no.	Type of Monitoring Point	Type of Discharge Point	Location Description
1	Gas Accumulation Monitoring		All enclosed spaces located on the premises
3	AQ Monitor A as set out in 'Air Quality Monitoring and Management Plan', 24 May 2017		AQ Monitor A as set out in 'Air Quality Monitoring and Management Plan', 24 May 2017
4	AQ Monitor B as set out in 'Air Quality Monitoring and Management Plan', 24 May 2017		AQ Monitor B as set out in 'Air Quality Monitoring and Management Plan', 24 May 2017

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 below are identified in this licence for the purposes of weather and/or noise monitoring and/or setting limits for the emission of noise from the premises.

Noise/Weather

EPA identification no.	Type of monitoring point	Location description
2	Meteorological Station	
5	Noise monitoring	105 Asquith Street, Silverwater
6	Noise monitoring	63 Asquith Street, Silverwater

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 Waste

L2.1 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.

Environment Protection Licence

Licence - 20948

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	Soils	Soil that meet the CT1 thresholds of General Solid Waste in Table 1 of the Waste Classification Guidelines as in force from time to time with the exception of the maximum threshold values for contaminants specified in the "Other Limits" column	Resource recovery Waste storage	Arsenic 40mg/kg; Cadmium 2mg/kg; Copper 200mg/kg; Mercury 1.5mg/kg; Zinc 600mg/kg; Petroleum Hydrocarbons C6-C9 150mg/kg; Petroleum Hydrocarbons C10-C36 1600mg/kg; Polycyclic aromatic hydrocarbons 80mg/kg; Polychlorinated biphenyls (individual) 1mg/kg. No Acid Sulfate Soil or Potential Acid Sulfate Soil is to be received at the Premises.
NA	Virgin excavated natural material	As defined in Schedule 1 of POEO Act in force from time to time	Waste storage	
NA	Concrete, brick and asphalt	As defined in Schedule 1 of POEO Act in force from time to time	Resource recovery Waste storage	Must be segregated waste prior to arrival at the premises
NA	Building and demolition waste	As defined in Schedule 1 of POEO Act in force from time to time	Resource recovery Waste storage	

- L2.2 Waste is only to be stored and/or processed on the area defined as Lease Area 4 on map titled "MET Recycling Silverwater Site Plan DA - 201" dated 8 November 2017.
- L2.3 The authorised amount of waste permitted on the premises cannot exceed 20,000 tonnes at any time.
- L2.4 The height of any stockpile at the premises must not at any time exceed the height limit of five (5) metres.
- L2.5 Stockpiles within the open stockpile area must have at least three (3) metres between the base of each stockpile and any boundary fence.

Environment Protection Licence

Licence - 20948

L2.6 Stockpiles must be positioned in a manner that no water is being ponded around the base of the stockpiles.

L2.7 Stockpiles must be located at least five (5) meters away from any drainage structure or concentrated water flow.

L3 Noise limits

L3.1 Noise generated at the premises that is measured at each noise monitoring point established under this licence must not exceed the noise levels specified in Column 4 of the table below for that point during the corresponding time periods specified in Column 1 when measured using the corresponding measurement parameters listed in Column 2.

POINT 5

Time period	Measurement parameter	Measurement frequency	Noise level dB(A)
Evening	Evening-LAeq (15 minute)	2 times a year	54
Night	Night-LAeq (15 minute)	2 times a year	54
Night	LAFmax	2 times a year	59

POINT 6

Time period	Measurement parameter	Measurement frequency	Noise level dB(A)
Evening	Evening-LAeq (15 minute)	2 times a year	46
Night	Night-LAeq (15 minute)	2 times a year	46
Night	LAFmax	2 times a year	50

L3.2 For the purposes of condition L3.1:

- Evening means the period from 6pm to 10pm.
- Night means the period from 10pm to 7am Monday to Saturday and the period from 10pm to 8am Sunday and public holidays.

L4 Hours of operation

L4.1 The hours of operations of the premises, apart from Lease Area 4, shall be restricted to the following times:

- Monday to Friday - 7:00am to 5:00pm
- Saturday - 8:00am to 4:00pm
- Sunday and Public Holidays - No activity permitted.

L4.2 Lease Area 4 may operate 24 hours per day, seven (7) days per week, provided operations conducted

Environment Protection Licence

Licence - 20948

between 5pm and 7am are limited to the processing of material already present on Lease Area 4 and may only utilise the equipment listed in Condition O7.19, with no material to be received at, or to leave from, the premises during those hours.

Note: Lease Area 4 is defined on the map titled "MET Recycling Silverwater Site Plan DA-201" dated 8 November 2017.

L5 Other limit conditions

- L5.1 The licensee must maintain an operational weather station at the premises.
- L5.2 No discharge of water from the water treatment plant is permitted from the premises, unless written approval from the EPA has been provided to the licensee.
- L5.3 All treated water from the water treatment plant must be contained and disposed of at a place that can lawfully receive it.
- L5.4 Water contained in the wheel wash must be:
 - a. treated through the Water Treatment Plant, or
 - b. removed from the Premises to a place that can lawfully receive it.
- L5.5 No waste water or treated water from either the Water Treatment Plant or Wheel Wash can be used for irrigation at the premises.

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.

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 manner that prevents air pollution from the premises.
- O3.2 All activities occurring at the premises must be carried out in a manner that prevents air pollution from the

Environment Protection Licence

Licence - 20948

premises.

Note: This includes ceasing dust generating activities as set out in "MET Recycling Pty Ltd, Silverwater – Air Quality Monitoring and Management Plan" dated 24th May 2017 and as amended in the letter dated 4th July 2017.

- O3.3 Visible dust must not be emitted from the premises at any time.
- O3.4 All trafficable, waste storage and processing areas of the premises must be paved and/or hard stand.
- O3.5 The licensee must ensure that no material, including sediment or oil, is tracked from the premises.
- O3.6 Trucks entering and leaving the premises that are carrying loads must be covered at all times except during loading and unloading.
- O3.7 Particulate emissions from site activities must be minimised in accordance with the best practice measures outlined in the document prepared by Northstar Air Quality Pty Ltd titled 'Particulate Matter Control - Review and Benchmark' and dated 31 August 2023.

O4 Emergency response

- O4.1 The licensee must prepare, maintain and implement as necessary, a current Pollution Incident Response Management Plan (PIRMP) for the premises.

Note: The licensee must develop their PIRMP in accordance with the requirements in Part 5.7A of the Protection of the Environment Operations Act 1997 (the POEO Act) and the POEO Regulations.

O5 Processes and management

- O5.1 There must be no burning or incineration of waste at the premises.
- O5.2 Clean stormwater must be diverted around operational areas of the premises.
- O5.3 Any stormwater that comes in contact with the operational area of the premises must be treated as leachate.

Note: Leachate is defined as liquid that passes through, or is released by, waste.

- O5.4 Water from the wheel wash must be contained and treated as leachate.
- O5.5 All leachate must be contained and transferred to the water treatment plant.
- O5.6 The spaces between the ground and demountable buildings' floors must be maintained and clear at all times at the Premises.

O6 Waste management

Environment Protection Licence

Licence - 20948

- O6.1 Waste is to be received in such a way that all incoming waste material to the premises is unloaded and inspected in the "materials unloading area" to identify and isolate contaminated waste.
- O6.2 Loads of waste material not permitted at the premises must be immediately re-loaded and removed from the premises.
- O6.3 Details (date and time received, amount, type of waste, driver details and vehicle registrations) of rejected loads must be logged in a register that is kept at the premises.
- O6.4 Any non conforming waste that is found after receipt at the premises must be
 - (a) stored in isolated and appropriately sign posted area, and
 - (b) removed from the premises within 2 days of receipt of the non conforming waste to a place that can lawfully accept that type of waste, and
 - (c) details (date received, amount, type of waste, disposal location, disposal date) must be logged in a register that is kept at the premises.
- O6.5 Each type of waste stored on site for recovery and/or recycling must be stockpiled separately.
- O6.6 The licensee must install and maintain stockpile height markers in any areas where waste is stockpiled at the premises.
- O6.7 Each stockpile must have a sign that clearly shows what material is in each stockpile.

O7 Other operating conditions

- O7.1 All fencing along the boundary and the boundary of the exclusion zone of area known as Lease Area 4 must be maintained.

Note: The boundary of Lease Area 4, including the exclusion zone, is defined in the map titled "MET Recycling Silverwater Site Plan DA - 201" dated "8 November 2017" and the fencing location is defined in the map titled "Plan of Selected Features Spot Heights and Contours " and dated "12 November 2017".

- O7.2 All fencing along the boundary and the boundary of the exclusion zone of area known as Lease Area 3 must be maintained.

Note: The boundary of Lease Area 3, including the exclusion zone, is defined in the map titled "MET Recycling Silverwater Site Plan DA - 201" dated "8 November 2017" and the fencing location is defined in the map titled "Plan of Selected Features Spot Heights and Contours " and dated "12 November 2017".

- O7.3 The exclusion zone must not be used for any activities, including parking of vehicles or storage of equipment.

- O7.4 The existing active landfill gas management system and monitoring wells around the premises must not be damaged, obstructed or impeded. As defined in "Environmental Management Plan, Former Silverwater Landfill, Carnarvon Street, Silverwater, NSW, Environmental Earth Sciences, 12 December 2014".

- O7.5 An operational weighbridge must be maintained at the premises to measure and record the amount of all waste and material that is transported into and out of the facility.

- O7.6 The weighbridge must be designed and operated to comply with the requirements of clause 36 of the

Environment Protection Licence

Licence - 20948

Protection of the Environment Operations (Waste) Regulations 2014.

O7.7 An operational wheel wash must be maintained at the premises as per the designs outlined in the "Concept Surface Water Management Plan" and dated "23 May 2017".

O7.8 An operational water treatment plant must be maintained at the premises as per the document prepared by NPC and titled "Lease Area 3, Lot 1 DP 713708 Cnr Newton Street North and Carnarvon Street, Silverwater, Proposed Weighbridge and Offices, Water Management Report" dated December 2016.

O7.9 The markers installed at the Premises, to identify the boundary between Lease Area 3 and Lease Area 4, must be visible and maintained.

Note: The boundary Line of Lease Area 3 and Lease Area 4, is defined in the map titled "MET Recycling Silverwater Site Plan DA - 201" dated "8 November 2017" and the marker locations are defined in the map titled "Plan of Selected Features Spot Heights and Contours " and dated "12 November 2017".

O7.10 All finished products must be stored in 3-sided storage bays. The material must not exceed the height of the lowest side of the enclosure.

O7.11 Application of water to internal road surface via a water cart must occur every hour at a minimum if required to minimise dust emissions, during 24-hour operations, except when raining.

O7.12 Water sprayers must be maintained within the processing and storage areas to ensure that all materials and stockpiles can be sufficiently wetted during all processing and storage activities, in accordance with a sprinkler and spray system design plan developed and implemented by an appropriately qualified dust control specialist.

O7.13 Water sprayers must be active when moving material to and from stockpiles as required for dust suppression, except when raining.

O7.14 Vehicles must be restricted to a speed limit of 10 km/hr on unsealed roads.

Operating hours conditions

O7.15 No deliveries are to be received outside the hours of operation specified in condition L4.1.

O7.16 No waste is to arrive or leave Lease Area 4 outside the hours of operation specified in condition L4.1.

O7.17 No crushing activities are to occur outside the hours of operation specified in condition L4.1.

O7.18 No truck maintenance is to occur outside the hours of operation specified in condition L4.1.

O7.19 The licensee may only use the following equipment outside the hours specified in L4.1:

- (i) a maximum of three (3) excavators,
- (ii) one (1) screen in the processing area, and
- (iii) one (1) front end loader.

Noise

O7.20 The management measures, exceedance contingency measures and complaints handling procedure outlined

Environment Protection Licence

Licence - 20948

in the Noise Management Plan prepared by Renzo Tonin & Associates titled 'Silverwater Resource Recovery Facility - Noise Management Plan' and dated 2 August 2022 must be implemented at the premises.

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.

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

POINT 1

Pollutant	Units of measure	Frequency	Sampling Method
Methane	parts per million	Monthly	Special Method 1

POINT 3,4

Pollutant	Units of measure	Frequency	Sampling Method
PM10	micrograms per cubic metre	Continuous	Special Method 2
PM2.5	micrograms per cubic metre	Continuous	Special Method 2

M2.3 For the purpose of the table above "Special Method 1" means monitoring with a suitably calibrated and

Environment Protection Licence

Licence - 20948

sensitive hand held instrument.

M2.4 For the purpose of the table above "Special Method 2" requires the licensee to undertake monitoring of PM10 and PM2.5 using an AirMetER-DX or equivalent equipment, which must be maintained and calibrated in accordance with the manufacturers operating manual supplied with the equipment. Records of the calibration and maintenance must be made available to the EPA upon request.

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.

Note: The *Protection of the Environment Operations (Clean Air) Regulation 2022* 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 At the point(s) identified below, the licensee must monitor (by sampling and obtaining results by analysis) the parameters specified in Column 1 of the table below, using the corresponding sampling method, units of measure, averaging period and sampling frequency, specified opposite in the Columns 2, 3, 4 and 5 respectively.

POINT 2

Parameter	Sampling method	Units of measure	Averaging period	Frequency
Wind Speed at 10 metres	AS 3580.14	metres per second	15 minutes	Continuous
Wind Direction at 10 metres	AS 3580.14	Degrees	15 minutes	Continuous
Temperature at 2 metres	AS 3580.14	degrees Celsius	1 hour	Continuous
Rainfall	AS 3580.14	millimetres	15 minutes	Continuous
Sigma theta	AS 3580.14	Degrees	15 minutes	Continuous
Dew Point Temperature	AS 3580.14	degrees Celsius	15 minutes	Continuous
Relative humidity	AS 3580.14	percent	1 hour	Continuous

Environment Protection Licence

Licence - 20948

Note: The weather monitoring instrumentation installed and operated at the site must have a stall speed or lower limit of measure for measuring wind speed less than 0.2 m/s.

Note: The average wind speed and direction must be calculated in accordance with AS/NZS 3580.14.

M4.2 The licensee must maintain and calibrate the meteorological monitoring station in accordance with the reference test methods and manufacturers specifications. Records of the calibration and maintenance must be made available to the EPA upon request.

M4.3 The licensee must develop and implement a quality assurance/quality control procedure for the data collected from the meteorological monitoring station. Outcomes from the procedure must be made available to the EPA upon request.

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 two (2) months the date of the issue of this licence.

M7 Other monitoring and recording conditions

M7.1 The licensee must engage an appropriately qualified and accredited service provider to develop a bi-annual

Environment Protection Licence

Licence - 20948

report to be provided to the EPA, detailing the results of the monitoring at points 3 and 4 of condition M2.

M7.2 Reports required by condition M7.1 must include:

- (a) a comprehensive summary (tabulated and graphical) of all ambient monitoring data required by condition M2;
- (b) ambient monitoring data, including meteorological data, must be provided as 15-minute averages or per the frequency outlined in condition M4.1;
- (c) analysis of trends of measured PM10 and PM2.5 concentrations. Trend analysis must include comparison of measured PM10 and PM2.5 during the reporting period with the preceding monitoring period;
- (d) evaluation of the monitoring data against established trigger values;
- (e) robust justification for any missing data;
- (f) results of all quality assurance and quality control analysis performed on monitoring data;
- (g) a summary of daily plant operating conditions, including, but not limited to:
 - daily processing rates (tonnes of material per day)
 - records of visual dust observations
 - water cart operation log sheet
 - dust suppression system (sprinkler system) operating status

M8 Noise monitoring

M8.1 The licensee must engage a competent person as defined in the *Approved Methods for the Measurement and Analysis of Environmental Noise in NSW* to undertake noise monitoring and reporting as provided for by conditions M8.2 - M8.5.

M8.2 For the purposes of condition M8.1, any attended noise monitoring must:

- (a) occur at each location specified in condition L3.1;
- (b) occur bi-annually in a reporting period, with the timing of each reporting date to occur at least 6 months apart;
- (c) occur during each evening and night period as defined in section 7.1 of the *Noise Policy for Industry* for a minimum of:
 - 30 minutes during the evening; and
 - 1 hour during the night;
- (d) occur for two consecutive operating days.

M8.3 Subject to any express provision to the contrary in this licence, measurement and analysis of noise required by this licence must be done in accordance with the *Approved Methods for the Measurement and Analysis of Environmental Noise in NSW*.

M8.4 Should the noise monitoring demonstrate a non-compliance with the noise levels specified in condition L3.1, the licensee will be required to include in its report to the EPA such noise mitigation (or other measures) as are recommended by the competent person as defined in the *Approved Methods for the Measurement and Analysis of Environmental Noise in NSW* to be implemented to meet those noise levels.

M8.5 For the purpose of condition M8.1, the licensee must provide two reports including the results of any attended noise monitoring, as is stipulated in condition M8.2, and any proposed mitigation measures to the EPA. Each

Environment Protection Licence

Licence - 20948

of the two reports are to report upon:

- (a) whether the permitted operations of the facility have complied with the noise levels specified in condition L3.1;
- (b) where noise emissions from activities in Lease Area 4 exceed the noise levels specified in condition L3.1, the reports shall identify what feasible and reasonable noise mitigation (or other measures) that the competent person as defined in the *Approved Methods for the Measurement and Analysis of Environmental Noise in NSW* recommends be adopted to ensure that noise arising from the permitted activities is minimised, and the noise level that is achievable after implementation of the measures shall also be identified;
- (c) the date on which the noise mitigation measures recommended can reasonably be implemented;
- (d) where the noise emissions from Lease Area 4 exceed the noise levels specified in condition L3.1, provide details of a monitoring program of a duration recommended by the competent person to evaluate noise-emission levels. The report is to be prepared by a competent person as defined in the *Approved Methods for the Measurement and Analysis of Environmental Noise in NSW*.

6 Reporting Conditions

R1 Annual return documents

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 notification that the Annual Return is due.

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

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.

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.

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

R1.4 Where this licence is surrendered by the licensee or revoked by the EPA or Minister, the licensee must

Environment Protection Licence

Licence - 20948

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.

R2 Notification of environmental harm

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

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.

- R2.2 The licensee must provide written details of the notification to the EPA within 7 days of the date on which they became aware of the incident.
- R2.3 The licensee must notify the EPA within 24 hours in accordance with condition R2.1 if any gas monitoring undertaken at the premises detects methane concentrations above 1% (v/v), and increase the frequency of monitoring to daily, until the EPA determines otherwise.

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;

Environment Protection Licence

Licence - 20948

- 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.
- 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 Pollution Studies and Reduction Programs

U1 Commissioning Stage Water Monitoring

- U1.1 The licensee must undertake a commissioning stage water characterisation monitoring trial of water transferring into and out of the water treatment plant. The trial is for 12 months, starting from the date of the first receipt of waste into the premises.
- U1.2 The following points referred to in the table below are identified in this licence for the purposes of the commissioning stage water characterisation monitoring trial.

Type of Monitoring Point	Type of Discharge Point	Location
Water Characterisation Monitoring	Discharge for treatment and/or disposal	The end of the underflow pipe where the wheel wash water is discharged into either the water treatment plant and/or for disposal offsite.
Water Characterisation Monitoring	Discharge for treatment	The end of the underflow pipe where the leachate is discharged into the water treatment plant.

Environment Protection Licence

Licence - 20948

Water Characterisation Monitoring	Discharge for disposal	The end of the underflow pipe where the water is discharged out of the water treatment plant for disposal offsite.
-----------------------------------	------------------------	--

U1.3 For the commissioning stage water characterisation monitoring trial, 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 (UOM), and sample at the frequency, specified in the other columns.

Pollutant	UOM	Frequency	Method
Total Dissolved Solids	Milligrams per litre	Fortnightly	Grab Sample
pH	pH	Fortnightly	Grab Sample
Alkalinity	Milligrams per litre	Fortnightly	Grab Sample
Biochemical Oxygen Demand	Milligrams per litre	Fortnightly	Grab Sample
Total Suspended Solids	Milligrams per litre	Fortnightly	Grab Sample
Calcium	Milligrams per litre	Fortnightly	Grab Sample
Magnesium	Milligrams per litre	Fortnightly	Grab Sample
Sodium	Milligrams per litre	Fortnightly	Grab Sample
Potassium	Milligrams per litre	Fortnightly	Grab Sample
Carbonate (as HCO ₃ & CO ₃)	Milligrams per litre	Fortnightly	Grab Sample
Chloride	Milligrams per litre	Fortnightly	Grab Sample
Sulfate	Milligrams per litre	Fortnightly	Grab Sample
Total Iron	Milligrams per litre	Fortnightly	Grab Sample
Ammonia	Milligrams per litre	Fortnightly	Grab Sample
Total Organic Carbon	Milligrams per litre	Fortnightly	Grab Sample
Aluminium	Milligrams per litre	Fortnightly	Grab Sample
Arsenic	Milligrams per litre	Fortnightly	Grab Sample
Barium	Milligrams per litre	Fortnightly	Grab Sample
Cadmium	Milligrams per litre	Fortnightly	Grab Sample
Chromium Total	Milligrams per litre	Fortnightly	Grab Sample
Chromium Hexavalent	Milligrams per litre	Fortnightly	Grab Sample
Cobalt	Milligrams per litre	Fortnightly	Grab Sample
Mercury	Milligrams per litre	Fortnightly	Grab Sample
Manganese	Milligrams per litre	Fortnightly	Grab Sample
Lead	Milligrams per litre	Fortnightly	Grab Sample
Zinc	Milligrams per litre	Fortnightly	Grab Sample
Fluoride	Milligrams per litre	Fortnightly	Grab Sample
Total Phenolic	Milligrams per litre	Fortnightly	Grab Sample

Environment Protection Licence

Licence - 20948

Total Phosphorus	Milligrams per litre	Fortnightly	Grab Sample
Benzene	Milligrams per litre	Fortnightly	Grab Sample
Toluene	Milligrams per litre	Fortnightly	Grab Sample
Ethylbenzene	Milligrams per litre	Fortnightly	Grab Sample
Xylene	Milligrams per litre	Fortnightly	Grab Sample
Total Petroleum Hydrocarbons	Milligrams per litre	Fortnightly	Grab Sample
Organochlorine Pesticides	Milligrams per litre	Fortnightly	Grab Sample
Organophosphate Pesticides	Milligrams per litre	Fortnightly	Grab Sample
Turbidity	Milligrams per litre	Fortnightly	Grab Sample
Electrical Conductivity	Microsiemens per centimetre	Fortnightly	Grab Sample

U1.4 During the commissioning stage water characterisation monitoring trial, the licensee must monitor and record the volume of water transferring into and out of the water treatment plant.

U1.5 During the commissioning stage water characterisation monitoring trial, the licensee must monitor and record the volume of water transferring into and out of the wheel wash.

U1.6 During the commissioning stage water characterisation monitoring trial, the licensee must record the volume, date, disposal location, vehicle registration and time of water discharged from the water treatment plant for disposal offsite.

U1.7 During the commissioning stage water characterisation monitoring trial, the licensee must record the volume, date, disposal location, vehicle registration and time of water discharged from the wheel wash for disposal offsite.

U1.8 The licensee is to submit a report to the EPA on the results and analysis of the commissioning stage water characterisation monitoring trial, the report is to include details on the results and analysis of Conditions U1.3, U1.4, U1.5, U1.6 and U1.7.

U1.9 The report identified in Condition U1.8 is to be submitted to the EPA Director Waste compliance, PO Box A290, Sydney South NSW 1232 by no later than 1 month after the completion of the commissioning stage water characterisation monitoring trial.

9 Special Conditions

E1 Financial Assurance

E1.1 A financial assurance in the form of an unconditional and irrevocable and on demand guarantee from a bank, building society or credit union operating in Australia as an "authorised deposit-taking institution" under the Banking Act 1959 of the Commonwealth of Australia and supervised by the Australian Prudential Regulatory Authority (APRA) must be provided to the EPA

E1.2 A financial assurance must be provided to the EPA prior to the issue of this licence. The financial assurance must be in favour of the Environment Protection Authority in the amount of two hundred thousand dollars (\$200,000). The financial assurance is required to secure or guarantee funding for works or programs

Environment Protection Licence

Licence - 20948

required by or under this licence. The financial assurance must contain the term "The benefit of this guarantee is personal and not capable of assignment but claims by the Beneficiary may be paid at the Beneficiaries direction to other persons" allowing for any monies claimed to be paid to the EPA or, at the written direction of the EPA, to any other person. The licensee must provide to the EPA, along with the original counterpart guarantees, confirmation in writing that the financial institution providing the guarantees is subject to supervision by APRA.

E1.3 A financial assurance must be provided to the EPA by 12 March 2018. The financial assurance must be in favour of the Environment Protection Authority in the amount of three hundred thousand dollars (\$300,000). The financial assurance is required to secure or guarantee funding for works or programs required by or under this licence. The financial assurance must contain the term "The benefit of this guarantee is personal and not capable of assignment but claims by the Beneficiary may be paid at the Beneficiaries direction to other persons" allowing for any monies claimed to be paid to the EPA or, at the written direction of the EPA, to any other person. The licensee must provide to the EPA, along with the original counterpart guarantee, confirmation in writing that the financial institution providing the guarantee is subject to supervision by the APRA.

Note that this financial assurance is inclusive of that required by condition E1.2

E1.4 The EPA may require an increase in the amount of the financial assurance at any time, as a result of reassessment of the total likely costs and expenses for rehabilitation of the premises.

E1.5 The EPA may claim on a financial assurance under s303 of the POEO Act if a licensee fails to carry out any work or program required to comply with the conditions of this licence.

E1.6 The financial assurance must be replenished by the full amount claimed or realised if the EPA has claimed or realised the financial assurance or any part of it to undertake a work or program required to be carried out by the licence which has not been undertaken by the licence holder.

E2 Environmental Obligations of Licensee

E2.1 While the licensee's premises are being used for the purpose to which the licence relates, the licensee must:

- 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.
- 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.
- 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 (whether or not the premises continue to be used for the purposes to which the licence relates) must:

- make all efforts to contain all firewater on the licensee's premises,
- make all efforts to control air pollution from the licensee's premises,
- make all efforts to contain any discharge, spill or run-off from the licensee's premises,
- make all efforts to prevent flood water entering the licensee's premises,
- remediate and rehabilitate any exposed areas of soil and/or waste,
- lawfully dispose of all liquid and solid waste(s) stored on the premises that is not already securely disposed

Environment Protection Licence

Licence - 20948

of,

- g) at the request of the EPA monitor groundwater beneath the licensee's premises and its potential to migrate from the licensee's premises,
- h) at the request of the EPA monitor surface water leaving the licensee's premises; and
- i) ensure the licensee's premises is secure.

E2.3 After the licensee's premises cease to be used for the purpose 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 site, including conducting an assessment of and if required remediation of any site contamination.

Environment Protection Licence

Licence - 20948

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

Environment Protection Licence

Licence - 20948

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> .

Environment Protection Licence

Licence - 20948

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
Wellhead	Has the same meaning as in Schedule 1 to the Protection of the Environment Operations (General) Regulation 2021.

Ms Ruth Owler

Environment Protection Authority

(By Delegation)

Date of this edition: 11-September-2017

End Notes

- 2 Licence varied by notice 1558329 issued on 15-Nov-2017
- 3 Licence varied by notice 1565735 issued on 04-Jul-2018
- 4 Licence varied by notice 1572906 issued on 29-Nov-2018
- 5 Licence varied by notice 1621042 issued on 13-Sep-2022
- 6 Licence varied by notice 1635712 issued on 04-Dec-2025