

Environment Protection Licence

Licence - 20179

Licence Details

Number:	20179
Anniversary Date:	18-March

Licensee

HERA RESOURCES PTY LIMITED

GPO BOX 7

BRISBANE QLD 4001

Premises

HERA-FEDERATION MINE

"THE PEAK" BURTHONG ROAD

NYMAGEE NSW 2831

Scheduled Activity

Crushing, grinding or separating

Mineral processing

Mining for minerals

Fee Based Activity

Scale

Crushing, grinding or separating	> 500000-2000000 T annual processing capacity
Mineral processing	> 500000-2000000 T annual processing capacity
Mining for minerals	> 500000-2000000 T annual production capacity

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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:

HERA RESOURCES PTY LIMITED
GPO BOX 7
BRISBANE QLD 4001

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 development work listed below at the premises listed in A2:

Construction and operation of an underground metalliferous mine, processing plant, tailings storage facility, and ancillary infrastructure in accordance with SSD 24319456 and Department of Planning project approval MP_0191..

A1.2 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
Crushing, grinding or separating	Crushing, grinding or separating	> 500000 - 2000000 T annual processing capacity
Mineral processing	Mineral processing	> 500000 - 2000000 T annual processing capacity
Mining for minerals	Mining for minerals	> 500000 - 2000000 T annual production capacity

A2 Premises or plant to which this licence applies

A2.1 The licence applies to the following premises:

Premises Details
HERA-FEDERATION MINE
"THE PEAK" BURTHONG ROAD
NYMAGEE
NSW 2831
LOT 664 DP 761702, LOT 1730 DP 763521, LOT 3129 DP 765334, LOT 3586 DP 769242

A2.2 The premises to which this licence applies includes:

- Federation Mine
- Hera Mine

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A3 Other activities

A3.1 This licence applies to all other activities carried on at the premises, including:

Ancillary Activity
Chemical Storage, Electricity Generation, Sewage Treatment.

A4 Information supplied to the EPA

A4.1 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.

<i>Air</i>			
EPA identification no.	Type of Monitoring Point	Type of Discharge Point	Location Description
24	Air Monitoring (Gold Room Stack (S1))	Air Monitoring (Gold Room Stack (S1))	Air monitoring stack labelled 'Gold Room Stack (S1) located at processing plant as shown in figure 1 'EPL Air Quality Monitoring' (DOC23/854211).
39	Air Monitoring (New Gold Room Stack (S2))	Air Monitoring (New Gold Room Stack (S2))	Air monitoring stack labelled 'New Gold Room Stack (S2) as shown in figure 1 'EPL Air Quality Monitoring' (DOC23/854211).
42	PM10 Monitor (EBAM)		PM10 Monitor EBAM as shown in figure 1 'EPL Air Quality Monitoring' (DOC23/854211).
43	PM2.5, PM10 Monitor (EBAM)		PM2.5, PM10 Monitor EBAM as shown in figure 1 'EPL Air Quality Monitoring' (DOC23/854211).
44	PM2.5, PM10 Monitor (EBAM)		PM2.5, PM10 Monitor EBAM as shown in figure 1 'EPL Air Quality Monitoring' (DOC23/854211).

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45	Vibration and Overpressure Monitor (Blast Monitor)	Vibration and Overpressure Monitor as shown in figure 1 'EPL Air Quality Monitoring' (DOC23/854211).
46	Real time noise monitor (RTNM)	Real time noise monitor RTNM as shown in figure 1 'EPL Air Quality Monitoring' (DOC23/854211).

P1.2 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
1	Surface water Monitoring - Discharge to Tailing Storage Facility (SWQTP3)	Surface water Monitoring - Discharge to Tailing Storage Facility (SWQTP3)	End of line discharge pipe to Tailings Storage Facility labelled as SWQTP3 shown in Figure 2-A 'Hera Mine - EPL Surface Water Monitoring' (DOC23/854211-1).
2	Surface water Monitoring - Discharge to process water dam (SWQTP1)	Surface water Monitoring - Discharge to process water dam (SWQTP1)	Discharge to process water dam labelled as SWQTP1 shown in Figure 2-A 'Hera mine - EPL Surface Water Monitoring' (DOC23/854211-1)
3	Surface water Monitoring - Sediment Basin 1 (SWQTP5)	Surface water Monitoring - Sediment Basin 1 (SWQTP5)	Sediment Basin 1 located to the north of TSF, labelled as SWQTP5 shown in Figure 2-A 'Hera Mine - EPL Surface Water Monitoring' (DOC23/854211-1)
4	Surface water Monitoring - Sediment Basin 2 (SWQTP12)	Surface water Monitoring - Sediment Basin 2 (SWQTP12)	Sediment Basin 2 located north of TSF, labelled as SWQTP12 shown in Figure 2-A 'Hera mine - EPL Surface Water Monitoring' (DOC23/854211-1)
7	Groundwater Monitoring Point (WB4)		Groundwater Monitoring Point labelled WB4 as shown in Figure 3-A 'Hera Mine - EPL Groundwater Monitoring' (DOC23/854211-3).
25	Surface Water Quality Monitoring Point (Upstream) (SWQTP10)		Upstream of site SWQTP10 as shown in Figure 2-A 'Hera mine - EPL Surface Water Monitoring' (DOC23/854211-1).
26	Surface Water Quality Monitoring Point (Downstream) (SWQTP11)		Downstream of site-offsite and NNW of tenement labelled SWQTP11 as shown in Figure 2-A 'Hera Mine - EPL Surface Water Monitoring' (DOC23/854211-1).
27	Groundwater Monitoring Bore (WB15)		Groundwater monitoring point labelled WB15 located on a neighbouring property, shown in Figure 3-A 'Hera Mine - EPL Groundwater Monitoring' (DOC23/854211-3).

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28	Groundwater Monitoring Bore (WB16)		Groundwater monitoring point labelled WB16 located downstream of the TSF, as shown in Figure 3-A 'Hera Mine - EPL Groundwater Monitoring' (DOC23/854211-3).
29	Groundwater monitoring bore (WB18)		Groundwater monitoring point labelled WB18 located on the boundary of the lease, shown in Figure 3-A 'Hera Mine - EPL Groundwater Monitoring' (DOC23/854211-3).
30	Groundwater Monitoring bore (WB20)		Groundwater monitoring point labelled WB20 located on the boundary of the lease, shown in Figure 3-A 'Hera Mine - EPL Groundwater Monitoring' (DOC23/854211-3).
34	Groundwater Monitoring - Tailings observation bore (TSFOB01)		Groundwater monitoring point labelled TSFOB01 located downstream of the TSF, as shown in Figure 3-A 'Hera Mine - EPL Groundwater Monitoring' (DOC23/854211-3).
35	Groundwater Monitoring - Tailings observation bore (TSFOB02)		Groundwater monitoring point labelled TSFOB02 located downstream of the TSF, as shown in Figure 3-A 'Hera Mine - EPL Groundwater Monitoring' (DOC23/854211-3).
37	Groundwater - Tailings observation bore (TSFOB04)		Groundwater monitoring point labelled TSFOB04 located downstream of the TSF, as shown in Figure 3-A 'Hera Mine - EPL Groundwater Monitoring' (DOC23/854211-3).
38	Groundwater - Tailings observation bore (TSFOB05)		Groundwater monitoring point labelled TSFOB05 located downstream of the TSF, as shown in Figure 3-A 'Hera Mine - EPL Groundwater Monitoring' (DOC23/854211-3).
40	Groundwater Monitoring Point (WB10)		Groundwater Monitoring Point labelled WB10, located north east corner of the project site boundary shown in Figure 3-A 'Hera Mine - EPL Groundwater Monitoring' (DOC23/854211-3).
47	Surface water Monitoring (SWQTP31)	Surface water Monitoring (SWQTP31)	Surface water Monitoring SWQTP31 as shown in Figure 2-B 'Federation Mine - EPL Surface Water Monitoring' (DOC23/854211-2).

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48	Surface water Monitoring (SWQTP32)	Surface water Monitoring (SWQTP32)	Surface water Monitoring SWQTP32 as shown in Figure 2-B 'Federation Mine - EPL Surface Water Monitoring' (DOC23/854211-2)
49	Surface water Monitoring (SWQTP33)	Surface water Monitoring (SWQTP33)	Surface water Monitoring SWQTP33 as shown in Figure 2-B 'Federation Mine - EPL Surface Water Monitoring' (DOC23/854211-2)
50	Existing Federation Mine monitoring bore (FMB01)		Existing Federation Mine monitoring bore FMB01 as shown in Figure 3-B 'Federation Mine - EPL Groundwater Monitoring' (DOC23/854211-4).
51	Existing Federation Mine monitoring bore (FMB02)		Existing Federation Mine monitoring bore FMB02 as shown in Figure 3-B 'Federation Mine - EPL Groundwater Monitoring' (DOC23/854211-4).
52	Existing Federation Mine monitoring bore (FMB03)		Existing Federation Mine monitoring bore FMB03 as shown in Figure 3-B 'Federation Mine - EPL Groundwater Monitoring' (DOC23/854211-4).
53	Existing Federation Mine monitoring bore (FMB04)		Existing Federation Mine monitoring bore FMB04 as shown in Figure 3-B 'Federation Mine - EPL Groundwater Monitoring' (DOC23/854211-4).
54	Existing Federation Mine monitoring bore (FMB05)		Existing Federation Mine monitoring bore FMB05 as shown in Figure 3-B 'Federation Mine - EPL Groundwater Monitoring' (DOC23/854211-4).
55	Existing Federation Mine monitoring bore (FMB06)		Existing Federation Mine monitoring bore FMB06 as shown in Figure 3-B 'Federation Mine - EPL Groundwater Monitoring' (DOC23/854211-4).
56	Shallow monitoring Bore - Mine Dewatering Dam (FMDD1)		Shallow monitoring Bore - Mine Dewatering Dam FMDD1 as shown in Figure 4 'Federation Mine - EPL Bores' (DOC23/854211-5)
57	Shallow monitoring Bore - Mine Dewatering Dam (FMDD2)		Shallow monitoring Bore - Mine Dewatering Dam FMDD2 as shown in Figure 4 'Federation Mine - EPL Bores' (DOC23/854211-5)
58	Shallow monitoring Bore - Mine Dewatering Dam (FMDD3)		Shallow monitoring Bore - Mine Dewatering Dam FMDD3 as shown in Figure 4 'Federation Mine - EPL Bores' (DOC23/854211-5)
59	Shallow monitoring Bore - Lined Leach Pond (FLLP1)		Shallow monitoring Bore - Lined Leach Pond FLLP1 as shown in Figure 4 'Federation Mine - EPL Bores' (DOC23/854211-5).

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60	Shallow monitoring Bore - Lined Leach Pond (FLLP2)		Shallow monitoring Bore - Lined Leach Pond FLLP2 as shown in Figure 4 'Federation Mine - EPL Bores' (DOC23/854211-5).
61	Shallow monitoring Bore - Lined Leach Pond (FLLP3)		Shallow monitoring Bore - Lined Leach Pond FLLP3 as shown in Figure 4 'Federation Mine - EPL Bores' (DOC23/854211-5).
62	Shallow monitoring Bore - Lined Leach Pond (FLLP4)		Shallow monitoring Bore - Lined Leach Pond FLLP4 as shown in Figure 4 'Federation Mine - EPL Bores' (DOC23/854211-5)
63	Groundwater monitoring point labelled (TSFOB03)		Groundwater monitoring point labelled TSFOB03 located downstream of the TSF as shown as EPA36 in Figure 3-A 'Hera Mine - EPL Groundwater Monitoring' (DOC23/854211-3).
64	Discharge and monitoring point (DMP 64)	Discharge and monitoring point (DMP 64)	Discharge and monitoring point - Back Tank East (Dam) shown in RO Plant Map July 2024 - (DOC24/555788)

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
41	Meteorological Station	Onsite Meteorological Station as shown on map titled "EPL Air Quality Monitoring" (DOC23/854211)

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

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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 1,2

Pollutant	Units of Measure	50 Percentile concentration limit	90 Percentile concentration limit	3DGM concentration limit	100 percentile concentration limit
Cyanide (weak acid dissociable)	milligrams per litre		20		30

POINT 3,4,48

Pollutant	Units of Measure	50 Percentile concentration limit	90 Percentile concentration limit	3DGM concentration limit	100 percentile concentration limit
Aluminium	milligrams per litre				0.055
Arsenic	milligrams per litre				0.024
Boron	milligrams per litre				0.370
Cadmium	milligrams per litre				0.0002
Copper	milligrams per litre				0.0014
Cyanide (weak acid dissociable)	milligrams per litre				0.007
Electrical conductivity	microsiemens per centimetre				1000
Lead	milligrams per litre				0.0034
Manganese	milligrams per litre				1.90
Nickel	milligrams per litre				0.011
Nitrogen (total)	milligrams per litre				0.5

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Oil and Grease	milligrams per litre	10
pH	pH	6.5-8.5
Phosphorus (total)	milligrams per litre	0.025
Silver	milligrams per litre	0.00005
Total suspended solids	milligrams per litre	50
Zinc	milligrams per litre	0.008

POINT 64

Pollutant	Units of Measure	50 Percentile concentration limit	90 Percentile concentration limit	3DGM concentration limit	100 percentile concentration limit
Aluminium	milligrams per litre				5
Arsenic	milligrams per litre				0.5
Boron	milligrams per gram				5
Cadmium	milligrams per litre				0.01
Copper	milligrams per litre				0.5
Cyanide (weak acid dissociable)	milligrams per litre				30
Electrical conductivity	microsiemens per centimetre				4700
Lead	milligrams per litre				0.1
Manganese	milligrams per litre				No set limit
Nickel	milligrams per litre				1
Nitrogen	milligrams per litre				25
Oil and Grease	milligrams per litre				10

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pH	pH	6.5-8.5
Phosphorus	milligrams per litre	0.8
Silver	milligrams per litre	0.003
Total suspended solids	micrograms per litre	<500
Zinc	milligrams per litre	20

L3 Waste

L3.1 Waste

The licensee must not cause, permit or allow any waste generated outside the premises to be received at the premises for storage, treatment, processing, reprocessing or disposal or any waste generated at the premises to be disposed of at the premises, except as expressly permitted by the licence under the Protection of the Environment Operations Act 1997.

This condition only applies to the storage, treatment, processing, reprocessing or disposal of waste at the premises if it requires an environmental protection licence under the Protection of the Environment Operations Act 1997.

L3.2 The licensee is permitted to dispose of laboratory pulps (paper sample bags), exploration drill cuttings and reverse osmosis brine within the Hera Tailings Storage Facility. Only materials generated by the licensee are to be received at the tailings.

Plastic exploration sample bags and stickers are not to be disposed of in the Tailings. The waste items must be kept out of the waste rock emplacement and other stockpiles where they could leach into groundwater. The licensee is also required to keep up to date records of the type of waste, date disposed, and volume disposed.

L4 Noise limits

L4.1 Noise generated at the premises must not exceed the noise limits presented in the table below. Locations R1 to R4, R18, R19 in the table below are those described in the Noise and Vibration Assessment, August 2022, prepared by Muller Acoustic Consulting Pty Ltd for the Federation Project, via Nymagee.

NOTE: Noise generated by the project is to be measured in accordance with conditions L4.2 to L4.6 below.

Location	Day LAeq(15 minute)	Evening LAeq(15 minute)	Night LAeq(15 minute)	Night Lmax (1 minute)
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R1, R2, R3, R4, R18, R19 Burthong Road, Nymagee	40 dB(A)	35 dB(A)	35 dB(A)	52 dB(A)
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L4.2 For the purpose of Condition 4.1

- Day is defined as the period from 7am to 6pm Monday to Saturday and 8am to 6pm Sundays and Public Holidays.
- Evening is defined as the period from 6pm to 10pm.
- Night is defined as the period from 10pm to 7am Monday to Saturday and 10pm to 8am Sundays and Public Holidays.
- LAeq(15 minute) is defined as the continuous 'A' weighted sound pressure level-the energy average of the noise measured over a 15 minute period;and
- Lmax(1 minute) is defined as the sound pressure level exceeded for one percent of a 1 minute measurement period.

L4.3 The noise limits set out in condition L4.1 apply under all meteorological conditions except for any one of the following:

- a) Wind speeds greater than 3 metres/second at 10 metres above ground level; or
- b) Stability category G conditions and wind speeds greater than 2 metres/second at 10 metres above ground level;

L4.4 For the purposes of condition L4.3:

- a) The meteorological data to be used for determining meteorological conditions is the data recorded by the on-site meteorological weather station at the Hera project site at Nymagee.
- b) Temperature inversion will be assessed by use of the sigma-theta process as outlined in Appendix E4 of the NSW Industrial Noise Policy (INP).

L4.5 For the purposes of determining the noise generated at the premises Class 1 or 2 noise monitoring equipment as defined by AS IEC61672.1-2004 and AS IEC61672.2-2004, or other noise monitoring equipment accepted by the EPA in writing, must be used.

L4.6 To determine compliance:

- a) With the LAeq(15 minute) noise limits in Condition L4.1, the noise monitoring equipment must be located:
 - within 30 metres of a dwelling façade but not closer than 3 metres where any dwelling on the property is situated more than 30 metres from the property boundary that is closest to the premises;
 - approximately on the boundary where any dwelling is situated 30 metres or less from the property boundary that is closest to the premises;

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- within approximately 50 metres of the boundary of a National Park or a Nature Reserve.

b) With the $L_{max}(1\text{minute})$ noise limit in Condition L4.1; the noise monitoring equipment must be located within 1 metre of the dwelling façade.

c) The noise monitoring equipment must be located in a position that is:

- at the most affected point at a location where there is no dwelling at the location; or
- at the most affected point within an area at a location prescribed by conditions L4.6(a) or L4.6(b).

L4.7 A breach of this Environment Protection Licence will still occur where noise generated from the premises in excess of the appropriate limit specified in the condition L4.1 is detected:

- at a location other than an area prescribed by Conditions L4.6(a) or L4.6(b); and/or
- at a point other than the most affected point at a location.

L4.8 For the purposes of determining the noise generated at the premises the modification factors in Section 4 of the NSW Industrial Noise Policy must be applied, as appropriate, to the noise levels measured by the noise monitoring equipment.

L4.9 The licensee may exceed the limits in Condition L4.1 if it has a written negotiated noise agreement with any landowner for higher noise limits and a copy of the agreement has been forwarded to the EPA.

L5 Blasting

Note: Blasting condition L5.1 applies to all receiver locations.

L5.1 Blasting overpressure and ground vibration.

The proponent must ensure that the blasting on site does not cause exceedances of the criteria in the following table;

Location	Time of Blasting	Airblast Overpressure dB(Lin Peak)	Ground Vibration mm/s	Allowable exceedance
Any residence on privately owned land	Any time	120	10	Nil

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Any residence on privately owned land	Any time	115	5	5% of the total number of blasts over a period of 12 months
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Note: a. Error margins associated with any monitoring equipment used to measure this are not to be taken into account in determining whether or not the limit has been exceeded.

b. All blasts are to be designed by a suitably qualified /experienced blasting engineer

L5.2 Surface Blasting operations at the premises may only take place between 9:00am-5:00pm Monday to Saturday. Surface Blasting is not permitted on Sundays or public holidays.

Surface Blasting outside the hours specified can only take place with the written approval of the Environment Protection Authority.

Underground Blasting may be undertaken at any time subject to Condition L5.1.

L5.3 A breach of the licence will still occur where airblast overpressure or ground vibration levels from the blasting operations at the premises exceeds the limit specified in Condition L5.1 at any "noise sensitive locations" other than the locations identified in the above conditions.

L5.4 The Proponent may exceed the limits in Condition L5.1 if it has a written negotiated blasting agreement with any landowner for higher blasting overpressure and vibration limits, and a copy of the agreement has been forwarded to the EPA.

L5.5 Airblast overpressure or ground vibration as a result of blasting at the premises must not exceed levels that cause cosmetic or other damage, and in relation to Condition L5.5 only if specifically allowed for in the written agreement between the proponent and the landholder.

L6 Potentially offensive odour

L6.1 The licensee must not cause or permit the emission of offensive odour beyond the boundary of the premises.

Note: Section 120 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.

No condition of this licence identifies a potentially offensive odour for the purposes of Section 120 of the Protection of the Environment Operations Act 1997.

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.

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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 Activities occurring at the premises must be carried out in a manner that will minimise emissions of dust from the premises.

All dust control equipment must be operable at all times with the exception of shutdowns required for maintenance.

Trucks entering and leaving the premises that are carrying loads must be covered at all times, except during loading and unloading.

O4 Other operating conditions

- O4.1 Bunding Requirements

All above ground storage facilities containing flammable and combustible liquids must be bunded in accordance with Australian Standard AS 1940-2017.

Sodium Cyanide and other Toxic Chemicals must be stored in accordance with the requirements of AS/NZS 4452 - The Storage and Handling of Toxic Substances.

- O4.2 Stormwater/Sediment Control- Construction Phase

A stormwater management scheme must be prepared for all aspects of the construction phase of the development and must be implemented. Implementation of the scheme must mitigate the impacts of stormwater runoff from and within the premises during construction. The scheme should be consistent with the Stormwater Management Plan for the catchment. Where a Stormwater Management Plan has not yet been prepared the scheme should be consistent with the guidance contained in Managing Urban Stormwater: Council Handbook (available from the EPA).

- O4.3 Stormwater/Sediment Control- Operational Phase

A stormwater management scheme must be prepared for the development and must be implemented. Implementation of the scheme must mitigate the impacts of stormwater runoff from and within the premises

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following the completion of construction activities. The scheme should be consistent with the Stormwater Management Plan for the catchment. Where a Stormwater Management Plan has not yet been prepared the scheme should be consistent with the guidance contained in Managing Urban Stormwater: Council Handbook (available from the EPA).

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:

- in a legible form, or in a form that can readily be reduced to a legible form;
- kept for at least 4 years after the monitoring or event to which they relate took place; and
- 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:

- the date(s) on which the sample was taken;
- the time(s) at which the sample was collected;
- the point at which the sample was taken; and
- 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 24

Pollutant	Units of measure	Frequency	Sampling Method
Nitric oxide	milligrams per cubic metre	Yearly	TM-11

POINT 39

Pollutant	Units of measure	Frequency	Sampling Method
Nitric oxide	milligrams per cubic metre	Yearly	TM-11

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M2.3 Water and/ or Land Monitoring Requirements

POINT 1,2

Pollutant	Units of measure	Frequency	Sampling Method
Cyanide (weak acid dissociable)	milligrams per litre	Daily during any discharge	Grab sample

POINT 3,4,25,26,47,48,49

Pollutant	Units of measure	Frequency	Sampling Method
Aluminium	milligrams per litre	Special Frequency 1	Grab sample
Arsenic	milligrams per litre	Special Frequency 1	Grab sample
Boron	milligrams per litre	Special Frequency 1	Grab sample
Cadmium	milligrams per litre	Special Frequency 1	Grab sample
Copper	milligrams per litre	Special Frequency 1	Grab sample
Cyanide (weak acid dissociable)	milligrams per litre	Special Frequency 1	Grab sample
Electrical conductivity	millisiemens per centimetre	Special Frequency 1	A probe designed to measure the range 0 to 10,000 uS/cm
Lead	milligrams per litre	Special Frequency 1	Grab sample
Manganese	milligrams per litre	Special Frequency 1	Grab sample
Nickel	milligrams per litre	Special Frequency 1	Grab sample
Nitrogen (total)	milligrams per litre	Special Frequency 1	Grab sample
Oil and Grease	milligrams per litre	Special Frequency 1	Grab sample
Silver	milligrams per litre	Special Frequency 1	Grab sample
Total Phosphorus - filtered sample	milligrams per litre	Special Frequency 1	Grab sample
Total suspended solids	milligrams per litre	Special Frequency 1	Grab sample
Zinc	milligrams per litre	Special Frequency 1	Grab sample

POINT 7,27,28,29,30,34,35,37,38,40,50,51,52,53,54,55,56,57,58,59,60,61,62,63

Pollutant	Units of measure	Frequency	Sampling Method
Standing Water Level	metres	Quarterly	Grab sample

POINT 7,27,28,29,30,35,37,40

Pollutant	Units of measure	Frequency	Sampling Method
pH	pH	Yearly	In situ

POINT 7,27,28,29,30,40

Pollutant	Units of measure	Frequency	Sampling Method
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Antimony	milligrams per litre	Yearly	Grab sample
Bicarbonate	milligrams per litre	Yearly	Grab sample
Boron	milligrams per litre	Yearly	Grab sample
Cadmium	milligrams per litre	Yearly	Grab sample
Calcium	milligrams per litre	Yearly	Grab sample
Carbonate	milligrams per litre	Yearly	Grab sample
Chloride	milligrams per litre	Yearly	Grab sample
Chromium	milligrams per litre	Yearly	Grab sample
Copper	milligrams per litre	Yearly	Grab sample
Cyanide (free)	milligrams per litre	Yearly	Grab sample
Cyanide (total)	milligrams per litre	Yearly	Grab sample
Cyanide (weak acid dissociable)	milligrams per litre	Yearly	Grab sample
Electrical conductivity	microsiemens per centimetre	Yearly	In situ
Iron	milligrams per litre	Yearly	Grab sample
Lead	milligrams per litre	Yearly	Grab sample
Magnesium	milligrams per litre	Yearly	Grab sample
Mercury	milligrams per litre	Yearly	Grab sample
Molybdenum	milligrams per litre	Yearly	Grab sample
Nickel	milligrams per litre	Yearly	Grab sample
Potassium	milligrams per litre	Yearly	Grab sample
Silver	milligrams per litre	Yearly	Grab sample
Sodium	milligrams per litre	Yearly	Grab sample
Tin	milligrams per litre	Yearly	Grab sample
Total dissolved solids	milligrams per litre	Yearly	Grab sample
Zinc	milligrams per litre	Yearly	Grab sample

POINT 7,27,28,29,40

Pollutant	Units of measure	Frequency	Sampling Method
Arsenic	milligrams per litre	Yearly	Grab sample

POINT 34,35,37,38,63

Pollutant	Units of measure	Frequency	Sampling Method
Cyanide (weak acid dissociable)	milligrams per litre	Quarterly	Grab sample

POINT 34,38

Pollutant	Units of measure	Frequency	Sampling Method
Cyanide (free)	milligrams per litre	Quarterly	Grab sample
Cyanide (total)	milligrams per litre	Quarterly	Grab sample
Electrical conductivity	microsiemens per centimetre	Quarterly	In situ
pH	pH	Quarterly	In situ

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POINT 35,37

Pollutant	Units of measure	Frequency	Sampling Method
Cyanide (free)	milligrams per litre	Yearly	Grab sample
Cyanide (total)	milligrams per litre	Yearly	Grab sample
Electrical conductivity	microsiemens per centimetre	Yearly	In situ

POINT 50,51,52,53,54,55,56,57,58,59,60,61,62

Pollutant	Units of measure	Frequency	Sampling Method
Antimony	milligrams per litre	Quarterly	Grab sample
Arsenic	milligrams per litre	Quarterly	Grab sample
Bicarbonate	milligrams per litre	Quarterly	Grab sample
Boron	milligrams per litre	Quarterly	Grab sample
Cadmium	milligrams per litre	Quarterly	Grab sample
Calcium	milligrams per litre	Quarterly	Grab sample
Carbonate	milligrams per litre	Quarterly	Grab sample
Chloride	milligrams per litre	Quarterly	Grab sample
Chromium	milligrams per litre	Quarterly	Grab sample
Copper	milligrams per litre	Quarterly	Grab sample
Cyanide (free)	milligrams per litre	Quarterly	Grab sample
Cyanide (total)	milligrams per litre	Quarterly	Grab sample
Cyanide (weak acid dissociable)	milligrams per litre	Quarterly	Grab sample
Electrical conductivity	microsiemens per centimetre	Quarterly	In situ
Iron	milligrams per litre	Quarterly	Grab sample
Lead	milligrams per litre	Quarterly	Grab sample
Magnesium	milligrams per litre	Quarterly	Grab sample
Mercury	milligrams per litre	Quarterly	Grab sample
Molybdenum	milligrams per litre	Quarterly	Grab sample
Nickel	milligrams per litre	Quarterly	Grab sample
pH	pH	Quarterly	In situ
Potassium	milligrams per litre	Quarterly	Grab sample
Silver	milligrams per litre	Quarterly	Grab sample
Sodium	milligrams per litre	Quarterly	Grab sample
Tin	milligrams per litre	Quarterly	Grab sample
Total dissolved solids	milligrams per litre	Quarterly	Grab sample

POINT 64

Pollutant	Units of measure	Frequency	Sampling Method
Aluminium	milligrams per litre	Weekly	Grab sample
Arsenic	milligrams per litre	Weekly	Grab sample
Boron	milligrams per litre	Weekly	Grab sample

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Cadmium	milligrams per litre	Weekly	Grab sample
Copper	milligrams per litre	Weekly	Grab sample
Cyanide (weak acid dissociable)	milligrams per litre	Weekly	Grab sample
Electrical conductivity	microsiemens per centimetre	Daily	In situ
Lead	milligrams per litre	Weekly	Grab sample
Manganese	milliequivalents per litre	Weekly	Grab sample
Nickel	milligrams per litre	Weekly	Grab sample
Nitrogen	milligrams per litre	Weekly	Grab sample
Oil and Grease	milligrams per litre	Weekly	Grab sample
pH	pH	Daily	In situ
Phosphorus	milligrams per litre	Weekly	Grab sample
Silver	milligrams per litre	Weekly	Grab sample
TSS	milligrams per litre	Weekly	Grab sample
Zinc	milligrams per litre	Weekly	Grab sample

M2.4 For the purpose of the table above:

Special Frequency 1= During Discharge

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".

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.

M4 Weather monitoring

M4.1 The meteorological weather station must be maintained so as to be capable of continuously monitoring the parameters specified in the condition below.

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M4.2 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 41

Parameter	Sampling method	Units of measure	Averaging period	Frequency
Temperature at 10 metres	AM-4	degrees Celsius	1 hour	Continuous
Wind Direction at 10 metres	AM-2 & AM-4	Degrees	15 minutes	Continuous
Wind Speed	AM-2 & AM-4	metres per second	15 minutes	Continuous
Sigma theta	AM-2 & AM-4	Degrees	15 minutes	Continuous
Rainfall	AM-4	millimetres	15 minutes	Continuous
Relative humidity	AM-4	percent	1 hour	Continuous

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.

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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 three months after the date of the issue of this licence.

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 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').

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- 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:
- the licence holder; or
 - 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.

R3 Written report

- R3.1 Where an authorised officer of the EPA suspects on reasonable grounds that:
- where this licence applies to premises, an event has occurred at the premises; or
 - 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:
- the cause, time and duration of the event;
 - the type, volume and concentration of every pollutant discharged as a result of the event;
 - 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;
 - 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;
 - action taken by the licensee in relation to the event, including any follow-up contact with any complainants;
 - details of any measure taken or proposed to be taken to prevent or mitigate against a recurrence of such an event; and
 - 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.

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R4 Other reporting conditions

- R4.1 The licensee must report any incident of death or injury (including bogging or miring) of fauna (avian and terrestrial) associated with the tailings impoundments or tailings runoff dams by telephoning the EPA's Pollution line on 13 15 55 as soon as the licensee becomes aware of the incident.

The licensee must provide written details of the notification with respect of the above condition to the EPA within 7 days of the date which the incident occurred.

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.

G2 Contact number for incidents and responsible employees

- G2.1 The licensee must operate 24-hour telephone contact lines for the purposes of enabling the EPA to directly contact one or more representatives of the licensee who can:
- (a) respond at all times to incidents relating to the premises; and
 - (b) to contact the licensee's senior employees or agents authorised at all times to:
 - (i) speak on behalf of the licensee; and
 - (ii) provide any information or document required under the licence.
- G2.2 The contact details required by Condition G2.1 above must include:
- a) the full name and title of the authorised representatives and the scope of their respective authorisations; and
 - b) the direct telephone number, mobile number, email address and postal address for contacting each authorised representative.
- G2.3 The licensee must inform the EPA in writing of the appointment of any subsequent contact persons, or changes to the person's contact details as soon as practicable and in any event within fourteen days of the appointment or change.

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G3 Signage

- G3.1 Each monitoring and discharge point must be marked by a sign that indicates the EPA point identification number.

8 Special Conditions

E1 Treated Water Dam

- E1.1 The Licensee must only permit water treated by the Reverse Osmosis Plant to be discharged to monitoring point 64.
- E1.2 The Licensee must immediately must stop discharging to monitoring point 64 when the monitoring limits listed in condition L2.4 for monitoring point 64 are exceeded.
- E1.3 The licensee must stop discharging to monitoring point 64 during any maintenance or breakdowns of the water treatment process including the Reverse Osmosis plant.
- E1.4 The licensee is permitted to discharge treated water to monitoring point 64 until the 31 December 2027
- E1.5 The licensee must supply EPA with the Annual System Performance Report which provides:(a) an analysis and interpretation of monitoring results, and(b) actions to correct identified adverse trends.

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

Mr Bradley Tanswell

Environment Protection Authority

(By Delegation)

Date of this edition: 18-March-2013

End Notes

2	Licence varied by notice	1530383 issued on 05-May-2015
3	Licence varied by notice	1530773 issued on 29-Jun-2015
4	Licence varied by notice	1532748 issued on 07-Aug-2015
5	Licence varied by notice	1539825 issued on 25-Jul-2016
6	Licence varied by notice	1545350 issued on 24-Feb-2017
7	Licence varied by notice	1616155 issued on 09-Jun-2023
8	Licence varied by notice	1630206 issued on 31-Oct-2023
9	Licence varied by notice	1640431 issued on 17-Jul-2024
10	Licence varied by notice	1642428 issued on 11-Oct-2024
11	Licence varied by notice	1655002 issued on 24-Dec-2025