

Environment Protection Licence

Licence - 20095

Licence Details

| | |
|-------------------|---------|
| Number: | 20095 |
| Anniversary Date: | 01-July |

Licensee

BIG ISLAND MINING PTY LTD
 920 MAJORS CREEK
 MAJORS CREEK NSW 2622

Premises

DARGUES GOLD MINE
 MAJORS CREEK ROAD
 MAJORS CREEK NSW 2622

Scheduled Activity

Crushing, grinding or separating
 Mining for minerals

Fee Based Activity

Scale

| | |
|----------------------------------|--|
| Crushing, grinding or separating | > 100000-500000 T annual processing capacity |
| Mining for minerals | > 100000-500000 T annual production capacity |

Contact Us

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 12 Darcy Street
 PARRAMATTA NSW 2150
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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:

| |
|----------------------------------|
| BIG ISLAND MINING PTY LTD |
| 920 MAJORS CREEK |
| MAJORS CREEK NSW 2622 |

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.

There are a number stages to the scheduled development works of which the following stages are authorised by this licence:

∴

Note: All construction timeframes commence with notification of recommencement of the project by the Licensee and are general in nature.

Project Month 1 – 14:

- Ground disturbing activities, including:
 - Topsoil and subsoil stripping and stockpiling.
 - Importing of earth materials for ground conditioning and surface preparation.
 - Excavation and extraction of earth materials for construction and processing.
- Construction of built infrastructure.

Project Month 1 – 3:

- Construction of surface infrastructure including:
 - Administration and mine support buildings.
 - Various workshops and stores sheds.
- Commencement of construction of the Spring Creek Crossing and Waste Rock Emplacement.
- Commencement of underground mining.

Project Month 4 – 14:

- Construction of the Process Plant.
- Construction of Stage 1 of the Tailings Storage Facility.

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 | > 100000 - 500000 T annual processing capacity |
| Mining for minerals | Mining for minerals | > 100000 - 500000 T annual production capacity |

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A2 Premises or plant to which this licence applies

A2.1 The licence applies to the following premises:

| Premises Details |
|--|
| DARGUES GOLD MINE |
| MAJORS CREEK ROAD |
| MAJORS CREEK |
| NSW 2622 |
| LOT 1 DP 136801, LOT 2 DP 136801, LOT 3 DP 755934, LOT 82 DP 755934, LOT 83 DP 755934, LOT 113 DP 755934, LOT 114 DP 755934, LOT 143 DP 755934, LOT 193 DP 755934, PART LOT 210 DP 755934, LOT 1 DP 986483, LOT 4 DP 986483, LOT 5 DP 986483, LOT 104 DP 1100849, LOT 102 DP 1170553, LOT 103 DP 1170553, LOT 105 DP 1170553, LOT 106 DP 1170553, LOT 104 DP 1180508 |
| DARGUES REEF GOLD MINE. PREMISES ALSO INCLUDES THE FOLLOWING: LOT 2 DP 986483, LOT 3 DP 986483, LOT 102 755934, |

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:

- a) 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
- b) 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 |

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|----|--------------------------|---|
| 38 | Dust Deposition Gauge | At the location marked "DD-1" on the map labelled "Figure 1.4 Surrounding Residences and Air Quality Monitoring Locations" of the "EPL 20095 Sampling Locations for Dargues Gold Mine" for the premises dated 16 July 2021 (EPA reference DOC21/878618) |
| 39 | Dust Deposition Gauge | At the location marked "DD-2" on the map labelled "Figure 1.4 Surrounding Residences and Air Quality Monitoring Locations" of the "EPL 20095 Sampling Locations for Dargues Gold Mine" for the premises dated 16 July 2021 (EPA reference DOC21/878618) |
| 40 | Dust Deposition Gauge | At the location marked "DD-3" on the map labelled "Figure 1.4 Surrounding Residences and Air Quality Monitoring Locations" of the "EPL 20095 Sampling Locations for Dargues Gold Mine" for the premises dated 16 July 2021 (EPA reference DOC21/878618) |
| 41 | Dust Deposition Gauge | At the location marked "DD-4" on the map labelled "Figure 1.4 Surrounding Residences and Air Quality Monitoring Locations" of the "EPL 20095 Sampling Locations for Dargues Gold Mine" for the premises dated 16 July 2021 (EPA reference DOC21/878618) |
| 42 | Dust Deposition Gauge | At the location marked "DD-5" on the map labelled "Figure 1.4 Surrounding Residences and Air Quality Monitoring Locations" of the "EPL 20095 Sampling Locations for Dargues Gold Mine" for the premises dated 16 July 2021 (EPA reference DOC21/878618) |
| 89 | High volume air sampling | South of the project site boundary at the location marked as "HVAS" on the map "Figure 1.4 Surrounding residences and air quality monitoring locations" of the "EPL Sampling Locations for Dargues Gold Mine" dated 24 August 2022 (DOC22/289272-1) |

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

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

Water and land

| EPA Identification no. | Type of Monitoring Point | Type of Discharge Point | Location Description |
|------------------------|--------------------------|-------------------------|----------------------|
|------------------------|--------------------------|-------------------------|----------------------|

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| 48 | Groundwater Monitoring - Alluvium | At the location marked "DRWB06" as located on the map labelled "Figure 1.3 Project Site Groundwater Monitoring Locations" of the "EPL 20095 Sampling Locations for Dargues Gold Mine" for the premises dated 16 July 2021 (EPA reference DOC21/878618) |
| 49 | Groundwater Monitoring - Alluvium | At the location marked "DRWB07" as located on the map labelled "Figure 1.3 Project Site Groundwater Monitoring Locations" of the "EPL 20095 Sampling Locations for Dargues Gold Mine" for the premises dated 16 July 2021 (EPA reference DOC21/878618) |
| 50 | Groundwater Monitoring - Alluvium | At the location marked "DRWB08" as located on the map labelled "Figure 1.3 Project Site Groundwater Monitoring Locations" of the "EPL 20095 Sampling Locations for Dargues Gold Mine" for the premises dated 16 July 2021 (EPA reference DOC21/878618) |
| 51 | Groundwater Monitoring - Alluvium | At the location marked "DRWB09" as located on the map labelled "Figure 1.3 Project Site Groundwater Monitoring Locations" of the "EPL 20095 Sampling Locations for Dargues Gold Mine" for the premises dated 16 July 2021 (EPA reference DOC21/878618) |
| 52 | Groundwater Monitoring - Alluvium | At the location marked "DRWB10" as located on the map labelled "Figure 1.3 Project Site Groundwater Monitoring Locations" of the "EPL 20095 Sampling Locations for Dargues Gold Mine" for the premises dated 16 July 2021 (EPA reference DOC21/878618) |
| 53 | Water Quality Monitoring - Spring Creek Upstream | At the location marked "SW-1" as located on the map labelled "Figure 1.2 Site Surface Water Monitoring Locations" of the "EPL 20095 Sampling Locations for Dargues Gold Mine" for the premises dated 16 July 2021 (EPA reference DOC21/878618) |
| 54 | Water Volume and Quality Monitoring - Spring Creek Onsite | At the location marked "SW-2" as located on the map labelled "Figure 1.2 Site Surface Water Monitoring Locations" of the "EPL 20095 Sampling Locations for Dargues Gold Mine" for the premises dated 16 July 2021 (EPA reference DOC21/878618) |

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| 55 | Water Quality Monitoring - Spring Creek Downstream | At the location marked "SW-3" as located on the map labelled "Figure 1.2 Site Surface Water Monitoring Locations" of the "EPL 20095 Sampling Locations for Dargues Gold Mine" for the premises dated 16 July 2021 (EPA reference DOC21/878618) |
| 56 | Water Volume and Quality Monitoring - Majors Creek Upstream | At the location marked "SW-4" as located on the map labelled "Figure 1.2 Site Surface Water Monitoring Locations" of the "EPL 20095 Sampling Locations for Dargues Gold Mine" for the premises dated 16 July 2021 (EPA reference DOC21/878618) |
| 57 | Water Quality Monitoring - Majors Creek | At the location marked "SW-5" as located on the map labelled "Figure 1.2 Site Surface Water Monitoring Locations" of the "EPL 20095 Sampling Locations for Dargues Gold Mine" for the premises dated 16 July 2021 (EPA reference DOC21/878618) |
| 58 | Water Volume and Quality Monitoring - Majors Creek Downstream | At the location marked "SW-6" as located on the map labelled "Figure 1.2 Site Surface Water Monitoring Locations" of the "EPL 20095 Sampling Locations for Dargues Gold Mine" for the premises dated 16 July 2021 (EPA reference DOC21/878618) |
| 59 | Water Quality Monitoring - Majors Creek Downstream | At the location marked as "SW-7" on the map labelled "Figure 1.1 Regional Surface Water Monitoring Locations" of the "EPL 20095 Sampling Locations for Dargues Gold Mine" for the premises dated 16 July 2021 (EPA reference DOC21/878618) |
| 61 | Groundwater Monitoring - Alluvium | At the location marked as "DRWB12" as located in the map labelled "Figure 1.3 Project Site Groundwater Monitoring Locations" of the "EPL 20095 Sampling Locations for Dargues Gold Mine" for the premises dated 16 July 2021 (EPA reference DOC21/878618) |
| 62 | Groundwater Monitoring - Granodiorite Aquifer | At the location marked as "DRWB13" as located in the map labelled "Figure 1.3 Project Site Groundwater Monitoring Locations" of the "EPL 20095 Sampling Locations for Dargues Gold Mine" for the premises dated 16 July 2021 (EPA reference DOC21/878618) |

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| 74 | Water Quality Monitoring - Spillway of Sediment Basin 2 | At the location marked "SB02-1" as located on the map labelled "Figure 1.2 Site Surface Water Monitoring Locations" of the "EPL 20095 Sampling Locations for Dargues Gold Mine" for the premises dated 16 July 2021 (EPA reference DOC21/878618) |
| 75 | Water Quality Monitoring - Spillway of Storm Water Pond 1 | At the location marked "SWPO1-1" as located on the map labelled "Figure 1.2 Site Surface Water Monitoring Locations" of the "EPL 20095 Sampling Locations for Dargues Gold Mine" for the premises dated 16 July 2021 (EPA reference DOC21/878618) |
| 78 | Water Quality Monitoring - Waste Rock Emplacement Sediment Basin 1 | At the location marked "WRESB01-1" as located on the map labelled "Figure 1.2 Site Surface Water Monitoring Locations" of the "EPL 20095 Sampling Locations for Dargues Gold Mine" for the premises dated 16 July 2021 (EPA reference DOC21/878618) |
| 79 | Tailings Storage Facility Monitoring Bore | At the location marked "TSFMB01A" as located on the map labelled "Figure 1.3 Project Site Groundwater Monitoring Locations" of the "EPL 20095 Sampling Locations for Dargues Gold Mine" for the premises dated 16 July 2021 (EPA reference DOC21/878618) |
| 80 | Tailings Storage Facility Monitoring Bore | At the location marked "TSFMB01B" as located on the map labelled "Figure 1.3 Project Site Groundwater Monitoring Locations" of the "EPL 20095 Sampling Locations for Dargues Gold Mine" for the premises dated 16 July 2021 (EPA reference DOC21/878618) |
| 81 | Tailings Storage Facility Monitoring Bore | At the location marked "TSFMB02A" as located on the map labelled "Figure 1.3 Project Site Groundwater Monitoring Locations" of the "EPL 20095 Sampling Locations for Dargues Gold Mine" for the premises dated 16 July 2021 (EPA reference DOC21/878618) |

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| 82 | Tailings Storage Facility Monitoring Bore | At the location marked "TSFMB02B" as located on the map labelled "Figure 1.3 Project Site Groundwater Monitoring Locations" of the "EPL 20095 Sampling Locations for Dargues Gold Mine" for the premises dated 16 July 2021 (EPA reference DOC21/878618) |
| 83 | Tailings Storage Facility Monitoring Bore | At the location marked "TSFMB03A" as located on the map labelled "Figure 1.3 Project Site Groundwater Monitoring Locations" of the "EPL 20095 Sampling Locations for Dargues Gold Mine" for the premises dated 16 July 2021 (EPA reference DOC21/878618) |
| 84 | Tailings Storage Facility Monitoring Bore | At the location marked "TSFMB03B" as located on the map labelled "Figure 1.3 Project Site Groundwater Monitoring Locations" of the "EPL 20095 Sampling Locations for Dargues Gold Mine" for the premises dated 16 July 2021 (EPA reference DOC21/878618) |
| 85 | Tailings Storage Facility Monitoring Bore | At the location marked "TSFMB04A" as located on the map labelled "Figure 1.3 Project Site Groundwater Monitoring Locations" of the "EPL 20095 Sampling Locations for Dargues Gold Mine" for the premises dated 16 July 2021 (EPA reference DOC21/878618) |
| 86 | Tailings Storage Facility Monitoring Bore | At the location marked "TSFMB04B" as located on the map labelled "Figure 1.3 Project Site Groundwater Monitoring Locations" of the "EPL 20095 Sampling Locations for Dargues Gold Mine" for the premises dated 16 July 2021 (EPA reference DOC21/878618) |
| 87 | Tailings Storage Facility Monitoring Bore | At the location marked "TSFMB05A" as located on the map labelled "Figure 1.3 Project Site Groundwater Monitoring Locations" of the "EPL 20095 Sampling Locations for Dargues Gold Mine" for the premises dated 16 July 2021 (EPA reference DOC21/878618) |
| 88 | Tailings Storage Facility Monitoring Bore | At the location marked "TSFMB05B" as located on the map labelled "Figure 1.3 Project Site Groundwater Monitoring Locations" of the "EPL 20095 Sampling Locations for Dargues Gold Mine" for the premises dated 16 July 2021 (EPA reference DOC21/878618) |

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| 90 | Water Quality Monitoring - Tailings Storage Facility | At the location marked "TSF" as located on the map labelled "Figure 1" of the document titled "Dargues Irrigation Monitoring Map" for the premises dated 13 October 2022 (EPA reference DOC22/915548) |
| 91 | Groundwater monitoring - TSF Irrigation Area | At the location marked "WSDMB01" as located on the map labelled "Figure 1" of the document titled "Dargues Irrigation Monitoring Map" for the premises dated 13 October 2022 (EPA reference DOC22/915548) |
| 92 | Groundwater Monitoring - TSF Irrigation Area | At the location marked "WSDMB02" as located on the map labelled "Figure 1" of the document titled "Dargues Irrigation Monitoring Map" for the premises dated 13 October 2022 (EPA reference DOC22/915548) |
| 93 | TSF irrigation volume monitoring | At the location marked "Irrigation Area" as located on the map labelled "Figure 1" of the document titled "Dargues Irrigation Monitoring Map" for the premises dated 13 October 2022 (EPA reference DOC22/915548) |

P1.4 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 |
|------------------------|--------------------------|--|
| 43 | Noise monitoring | Any residential premises |
| 44 | Noise monitoring | Majors Creek State Conservation Area (when in use by any person) |

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 Noise limits

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- L2.1 Noise from the premises must not exceed the sound pressure level (noise) limits presented in the Table below. Note that the limits apply to the operation of the project and represent the sound pressure level (noise) contribution, at the nominated receiver locations in the table.

Sound Pressure Level (Noise) Limits (dB(A))

| Location | Day LAeq(15 minute) | Evening LAeq(15 minute) | Night LAeq(15 minute) | Night LA1(1 minute) |
|--|---------------------|-------------------------|-----------------------|---------------------|
| Any residential premises | 35 | 35 | 35 | 45 |
| Majors Creek State Conservation Area (when in use by any person) | 35 | 35 | 35 | 45 |

- L2.2 For the purpose of Noise Limit Conditions above:

'Day' is defined as the period from 7am to 6pm Monday to Saturday and 8am to 6pm Sunday and Public Holidays;

'Evening' is defined as the period from 6pm to 10pm on any day; and

'Night' is defined as the period from 10pm to 7am Monday to Saturday and 10pm to 8am Sunday and Public Holidays.

- L2.3 The noise emission limits identified in the table above apply under meteorological conditions of:

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

- L2.4 For the purpose of the Condition L4.3:

- The meteorological data to be used for determining meteorological conditions is the data recorded by the meteorological weather station established at the premises for the purposes of this Environment Protection Licence ("Point 59" as outlined in Weather Monitoring conditions below)
- Stability category temperature inversion conditions are to be determined by the sigma-theta method referred to in Part E4 of Appendix E to the *New South Wales Industrial Noise Policy* (EPA 2000).

- L2.5 **Determining Compliance**

To determine compliance:

- with the Leq(15 minute) noise limits in the Noise Limits table, the noise measurement equipment must be located:
 - approximately on the property boundary, where any dwelling is situated 30 metres or less from the property boundary closest to the premises; or
 - within 30 metres of a dwelling façade, but not closer than 3m, where any dwelling on the property is situated more than 30 metres from the property boundary closest to the premises; or, where applicable
 - within approximately 50 metres of the boundary of a National Park, Nature Reserve or State Conservation Area.

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- b) with the LA1(1 minute) noise limits in the Noise Limits table, the noise measurement equipment must be located within 1 metre of a dwelling façade.
- c) with the noise limits in the Noise Limits table, the noise measurement equipment must be located:
 - i) at the most affected point at a location where there is no dwelling at the location; or
 - ii) at the most affected point within an area at a location prescribed by part (a) or part (b) of this condition.

L2.6 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.

- L2.7 A breach of this licence will still occur where noise generated from the premises in excess of the appropriate limit is measured:
- i) at a location other than an area prescribed in part (a) and part (b) of Condition L4.5; and/or
 - ii) at a point other than the most affected point at a location.

L3 Blasting

L3.1 Surface blasting operations at the premises may only take place between 9.00am and 5.00pm Monday to Friday, excluding public holidays.

(Where compelling safety reasons exist, the Authority may permit a blast to occur outside the abovementioned hours. Prior written (or facsimile) request for any such blast must be made to the Authority).

L3.2 The overpressure level from blasting operations at the premises must not exceed 120 dB (Lin Peak) at any time. 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.

L3.3 The overpressure level from blasting operations at the premises must not exceed 115 dB (Lin Peak) for more than 5% of the total number of blasts over each reporting period. 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.

L3.4 Ground vibration peak particle velocity from the blasting operations at the premises must not exceed 10 mm/s at any time or 1 mm/s during the Night or at anytime on Sundays or Public Holidays. 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.

L3.5 Ground vibration peak particle velocity from the blasting operations at the premises must not exceed 5 mm/s during the Day or 2 mm/s during the Evening for more than 5% of the total number of blasts over for each reporting period. 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.

L3.6 To determine compliance with condition(s) L3.2 to L3.5:

- a) airblast overpressure and ground vibration must be measured and electronically recorded at the locations marked as "R27", "R29" and "R108" on the map labelled "Figure 1 ENVIRONMENTAL MONITORING LOCATIONS" of the Environmental Management Strategy for the premises dated 3 April 2012 (EPA reference DOC12/14651) for all blasts carried out in or on the premises; and
- b) Instrumentation used to measure the airblast overpressure and ground vibration must meet the

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requirements of Australian Standard AS 2187.2-2006.

L3.7 For the purpose of Blasting Limit Conditions above:

'Day' is defined as the period from 7am to 6pm Monday to Saturday;

'Evening' is defined as the period from 6pm to 10pm on any day; and

'Night' is defined as the period from 10pm to 7am Monday to Saturday.

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 All operations and activities occurring at the premises must be carried out in a manner that will minimise the emission of dust from the premises.

O4 Effluent application to land

O4.1 Effluent application must not occur in a manner that causes surface runoff.

O4.2 Spray from effluent application must not drift beyond the boundary of the premises.

O4.3 The quantity of effluent/solids applied to the utilisation area must not exceed the capacity of the area to effectively utilise the effluent/solids.

For the purpose of this condition, 'effectively utilise' includes the use of the effluent/solids for pasture or crop production, as well as the ability of the soil to absorb the nutrient, salt, hydraulic load and organic material.

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O5 Waste management

- O5.1 The tailings storage facility must have a basal barrier or impermeable liner with an equivalent permeability of 600mm clay of permeability 1×10^{-8} metres per second.
- O5.2 The seepage collection pond, leachate collection ponds, processing collection ponds and any other ponds holding contaminated water must have a basal barrier or impermeable liner with an equivalent permeability of 900mm clay of permeability 1×10^{-9} metres per second.

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 38,39,40,41,42

| Pollutant | Units of measure | Frequency | Sampling Method |
|---------------------------------|----------------------------------|-----------|-----------------|
| Particulates - Deposited Matter | grams per square metre per month | Monthly | AM-19 |

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| Pollutant | Units of measure | Frequency | Sampling Method |
|-----------|----------------------------|-----------|-----------------|
| PM10 | micrograms per cubic metre | Monthly | AM-18 |

M2.3 Water and/ or Land Monitoring Requirements

POINT 48,49,50,51,52,53,54,55,56,57,58,59,61,62,79,80,81,82,83,84,85,86,87,88,91,92

| Pollutant | Units of measure | Frequency | Sampling Method |
|-------------------------|-----------------------------|-----------|-----------------|
| Dissolved Oxygen | milligrams per litre | Monthly | Probe |
| Electrical conductivity | microsiemens per centimetre | Monthly | Probe |
| pH | pH | Monthly | Probe |

POINT 48,49,50,51,52,61,62,79,80,81,82,83,84,85,86,87,88,91,92

| Pollutant | Units of measure | Frequency | Sampling Method |
|---------------------------------------|----------------------|-----------|-----------------------|
| Aluminium | micrograms per litre | Quarterly | Representative sample |
| Arsenic | micrograms per litre | Quarterly | Representative sample |
| Cadmium | micrograms per litre | Quarterly | Representative sample |
| Calcium | milligrams per litre | Quarterly | Representative sample |
| Chloride | milligrams per litre | Quarterly | Representative sample |
| Chromium | micrograms per litre | Quarterly | Representative sample |
| Cobalt | micrograms per litre | Quarterly | Representative sample |
| Iron | micrograms per litre | Quarterly | Representative sample |
| Lead | micrograms per litre | Quarterly | Representative sample |
| Magnesium | micrograms per litre | Quarterly | Representative sample |
| Manganese | micrograms per litre | Quarterly | Representative sample |
| Mercury | micrograms per litre | Quarterly | Representative sample |
| Nickel | micrograms per litre | Quarterly | Representative sample |
| Nitrate + nitrite (oxidised nitrogen) | milligrams per litre | Quarterly | Representative sample |
| Phosphorus (dissolved reactive) | milligrams per litre | Quarterly | Representative sample |
| Phosphorus (total) | milligrams per litre | Quarterly | Representative sample |
| Potassium | milligrams per litre | Quarterly | Representative sample |
| Redox potential | millivolts | Quarterly | Representative sample |
| Sodium | milligrams per litre | Quarterly | Representative sample |
| Sulfate | milligrams per litre | Quarterly | Representative sample |
| Temperature | degrees Celsius | Quarterly | Probe |
| Total Kjeldahl Nitrogen | milligrams per litre | Quarterly | Representative sample |
| Zinc | micrograms per litre | Quarterly | Representative sample |

POINT 53,54,55,56,57,58,59,90

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| Pollutant | Units of measure | Frequency | Sampling Method |
|---------------------------------------|----------------------|-----------|-----------------------|
| Alkalinity (as calcium carbonate) | milligrams per litre | Monthly | Representative sample |
| Aluminium | micrograms per litre | Monthly | Representative sample |
| Arsenic | micrograms per litre | Monthly | Representative sample |
| Cadmium | micrograms per litre | Monthly | Representative sample |
| Calcium | milligrams per litre | Monthly | Representative sample |
| Chloride | milligrams per litre | Monthly | Representative sample |
| Chromium (hexavalent) | micrograms per litre | Monthly | Representative sample |
| Cobalt | micrograms per litre | Monthly | Representative sample |
| Iron | micrograms per litre | Monthly | Representative sample |
| Lead | micrograms per litre | Monthly | Representative sample |
| Magnesium | micrograms per litre | Monthly | Representative sample |
| Manganese | micrograms per litre | Monthly | Representative sample |
| Mercury | micrograms per litre | Monthly | Representative sample |
| Nickel | micrograms per litre | Monthly | Representative sample |
| Nitrate + nitrite (oxidised nitrogen) | milligrams per litre | Monthly | Representative sample |
| Phosphorus (dissolved reactive) | milligrams per litre | Monthly | Representative sample |
| Phosphorus (total) | milligrams per litre | Monthly | Representative sample |
| Potassium | milligrams per litre | Monthly | Representative sample |
| Redox potential | millivolts | Monthly | Representative sample |
| Sodium | milligrams per litre | Monthly | Representative sample |
| Sulfate | milligrams per litre | Monthly | Representative sample |
| Temperature | degrees Celsius | Monthly | Probe |
| Total Kjeldahl Nitrogen | milligrams per litre | Monthly | Representative sample |
| Total suspended solids | milligrams per litre | Monthly | Representative sample |
| Zinc | micrograms per litre | Monthly | Representative sample |

POINT 74,75,78

| Pollutant | Units of measure | Frequency | Sampling Method |
|-------------------------|-------------------------------|----------------------------|-----------------|
| Electrical conductivity | microsiemens per centimetre | Daily during any discharge | Probe |
| pH | pH | Daily during any discharge | Probe |
| TSS | milligrams per litre | Daily during any discharge | Probe |
| Turbidity | nephelometric turbidity units | Daily during any discharge | Probe |

M3 Testing methods - concentration limits

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- 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 2021* 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 this section.
- M4.2 For each monitoring point specified below (by a point number), the licensee must monitor (by sampling and obtaining results by analysis) the parameters specified in Column 1. The licensee must use the sampling method, units of measure, averaging period and sample at the frequency opposite in the other columns.

Point 58 - Automated Weather Station

| Parameter | Units of Measure | Frequency | Averaging Period | Sampling Method |
|------------------------|------------------|------------|------------------|-----------------|
| Air temperature at 2m | °C | Continuous | 15 minute | AM-4 |
| Wind direction | ° | Continuous | 15 minute | AM-2 & AM-4 |
| Wind speed | m/s | Continuous | 15 minute | AM-2 & AM-4 |
| Sigma theta | ° | Continuous | 15 minute | AM-2 & AM-4 |
| Rainfall | mm | Continuous | 15 minute | AM-4 |
| Relative humidity | % | Continuous | 15 minute | AM-4 |
| Air temperature at 10m | °C | Continuous | 15 minute | AM-2 & AM-4 |

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.

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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 after the date of the issue of this licence.

M7 Requirement to monitor volume or mass

M7.1 For each discharge point or utilisation area specified below, the licensee must monitor:

- a) the volume of liquids discharged to water or applied to the area;
 - b) the mass of solids applied to the area;
 - c) the mass of pollutants emitted to the air;
- at the frequency and using the method and units of measure, specified below.

POINT 93

| Frequency | Unit of Measure | Sampling Method |
|-----------|-----------------|------------------|
| Weekly | litres | Special Method 1 |

M7.2 For the purposes of the table(s) above Special Method 1 means to monitor with a Mechanical flow meter.

M8 Other monitoring and recording conditions

Noise Compliance Monitoring

M8.1 A noise compliance assessment must be submitted to the EPA within three months of commencement of

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operations at the premises. The assessment shall be prepared by a suitably qualified and experienced acoustic consultant and must assess compliance with noise limits in 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').

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.

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- 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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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 purpose 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) 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 this licence.
- G2.2 The licensee is to 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.

8 Pollution Studies and Reduction Programs

U1 Ambient Water Quality Assessment for the Receiving Waters of the Compensatory Flow Discharge Point

- U1.1 Part 1 - The licensee must prepare an "Ambient Water Quality Assessment for the Receiving Waters of the Compensatory Flow Discharge Point" prior to commissioning of the compensatory flow discharge. The intent of the EPA is to utilise the assessment to develop appropriate water quality performance criteria for compensatory flow discharges to Majors Creek that will achieve environmental objectives and environmental values of Majors Creek.
- U1.2 Part 2 - The assessment must include but not be limited to the following matters:
- Identify the Water Quality Objectives (WQO) for the receiving waters of Majors Creek in accordance with the guideline (<http://www.environment.nsw.gov.au/ieo/index.htm>) and describe the state of Majors Creek and relate this to the relevant WQO to determine whether the WQO are being achieved. Issues to include in the description of the receiving waters may include: specific human uses such as drinking water off-takes; sensitive ecosystems or species conservation values; historic river flow data where available for the receiving waters and monitoring data collected by the licensee.
 - Undertake water quality monitoring of the receiving waters of Majors Creek across a range of flow variability, seasonal variation and weather conditions to determine ambient concentrations of potential pollutants including total suspended solids and electrical conductivity.
 - Provide details of the compensatory flow that are essential for predicting and assessing impacts to

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Majors Creek, including the quantity and physio-chemical properties of potential water pollutants and the risks they pose to the environment and human health, including the risks they pose to WQO in the ambient waters (as defined at www.environment.nsw.gov.au/ieo), and using technical criteria derived from the Australian and New Zealand Guidelines for Fresh and Marine Water Quality, ANZECC 2000 (ANZECC Guidelines).

- Identify the indicators and associated trigger values or criteria for the identified environmental values (sourced from the ANZECC Guidelines).
- Outline the nature and degree of impact that any proposed discharges will have on the receiving environment. Impacts should be assessed against the relevant ambient water quality outcomes and there should be a demonstration of how the proposal will be designed and operated to: protect the WQO of Majors Creek where the WQO are currently being achieved; and contribute towards achievement of the WQO over time where they are not currently being achieved.
- Demonstrate how (procedures, controls etc.) water discharged to Majors Creek will ensure the ANZECC Guidelines water quality criteria for relevant chemical and non-chemical parameters (particularly electrical conductivity and total suspended solids) are met at the edge of the initial mixing zone of the discharge.
- The EPA acknowledges all previous ambient water quality data collection and assessment work that has been undertaken by the licensee and considers that the previous work should be utilised in the assessment.
- Recommend discharge limits based on the findings of the assessment.

U1.3 Part 3 - Submit the Ambient Water Quality Assessment to the "Manager, South East Region of the EPA" at PO BOX 622 Queanbeyan 2620 OR Queanbeyan@environment.nsw.gov.au prior to commissioning of the Compensatory Flow Discharge.

9 Special Conditions

E1 Irrigation of Tailings Storage Facility (TSF) water

E1.1 Until 31 October 2023, the Licensee is permitted to irrigate TSF water at the premises' irrigation area.

Note: The intent of this condition is to allow for the irrigation of TSF water as a contingency measure to increase the storage capacity within the TSF.

E1.2 By 30 April 2023, the Licensee must submit a TSF irrigation validation report to the EPA. The purpose of the report is to validate the modelling and assumptions made in the document titled 'Dargues Mine TSF Irrigation Sustainability Assessment' (EPA ref. DOC22/523299). The validation report must utilise the data collected from the water quality monitoring program for the TSF irrigation - EPA monitoring point(s) 90 - 93.

Note: The EPA intends to use the validation report to inform it's decision about any future irrigation of TSF water.

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Dictionary

General Dictionary

| | |
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| 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 Julian Thompson

Environment Protection Authority

(By Delegation)

Date of this edition: 18-May-2012

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End Notes

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|----|--------------------------------------|-------------------------------|
| 2 | Licence varied by notice | 1506973 issued on 25-Jun-2012 |
| 3 | Licence fee period changed by notice | 1506998 on 27-Jun-2012 |
| 4 | Licence varied by notice | 1515231 issued on 18-Jul-2013 |
| 5 | Licence varied by notice | 1517039 issued on 13-Sep-2013 |
| 6 | Licence varied by notice | 1521947 issued on 23-May-2014 |
| 7 | Licence varied by notice | 1549033 issued on 28-Apr-2017 |
| 8 | Licence varied by notice | 1564247 issued on 02-May-2018 |
| 9 | Licence varied by notice | 1568317 issued on 27-Aug-2018 |
| 10 | Licence varied by notice | 1570903 issued on 16-Nov-2018 |
| 11 | Licence varied by notice | 1577699 issued on 18-Jun-2019 |
| 12 | Licence varied by notice | 1588863 issued on 09-Dec-2019 |
| 13 | Licence varied by notice | 1591280 issued on 12-Mar-2020 |
| 14 | Licence varied by notice | 1611449 issued on 06-Dec-2021 |
| 15 | Licence varied by notice | 1618077 issued on 24-Aug-2022 |