Environment Protection Licence

Licence - 5590

Licence Details	
Number:	5590
Anniversary Date:	16-June

Licensee
CADIA HOLDINGS PTY LIMITED
1460 CADIA ROAD
ORANGE NSW 2800

Premises
CADIA VALLEY OPERATIONS
CADIA ROAD
CADIA NSW 2800

Scheduled Activity
Crushing, grinding or separating
Mineral processing
Mining for minerals

Fee Based Activity	Scale
Crushing, grinding or separating	> 2000000 T annual processing capacity
Mineral processing	> 2000000 T annual processing capacity
Mining for minerals	> 5000000 T annual production capacity

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6 Parramatta Square
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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:

CADIA HOLDINGS PTY LIMITED
1460 CADIA ROAD
ORANGE NSW 2800

subject to the conditions which follow.

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1 Administrative Conditions

A1 What the licence authorises and regulates

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

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

Scheduled Activity	Fee Based Activity	Scale
Crushing, grinding or separating	Crushing, grinding or separating	> 2000000 T annual processing capacity
Mineral processing	Mineral processing	> 2000000 T annual processing capacity
Mining for minerals	Mining for minerals	> 5000000 T annual production capacity

A2 Premises or plant to which this licence applies

A2.1 The licence applies to the following premises:

Premises Details
CADIA VALLEY OPERATIONS
CADIA ROAD
CADIA
NSW 2800
MINING LEASES 1405, 1449, 1472, 1481, 1689 AND 1690; LOT AND DP NUMBERS FOR THE BLAYNEY DEWATERING FACILITY, THE CVO DEWATERING FACILITY, AND THE "CONCENTRATE PIPELINES (FROM CADIA VALLEY TO BLAYNEY DEWATERING FACILITY THEN TO CVO DEWATERING FACILITY)" AS DETAILED IN APPENDIX 1 - SCHEDULE OF LAND FOR THE PROJECT APPROVAL FOR THE CADIA EAST PROJECT ISSUED UNDER SECTION 75J OF THE ENVIRONMENTAL PLANNING AND ASSESSMENT ACT 1979 BY THE MINISTER FOR PLANNING ON 6 JANUARY 2010 (AS MODIFIED)

A3 Other activities

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

Ancillary Activity

Water treatment - control of potentially toxic blue-green algae

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:
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.

A4.2 Any other document and/or management plan is not to be taken as part of the documentation in condition A4.1, other than those documents and/or management plans specifically referenced in 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.

Air

EPA identification no.	Type of Monitoring Point	Type of Discharge Point	Location Description
4	Air quality monitoring		Dust Deposition Gauge "DG9A" as identified in Figure 1 of the CVO Air Quality Monitoring Program (version 4) 18/6/2018. DOC19/784893
5	Air quality monitoring		Dust Deposition Gauge "DG5A" as identified in Figure 1 of the CVO Air Quality Monitoring Program (version 4) 18/6/2018. DOC19/784893
6	Air quality monitoring		Dust Deposition Gauge "DG12A" as identified in Figure 1 of the CVO Air Quality Monitoring Program (version 4) 18/6/2018. DOC19/784893
7	Air quality monitoring		Dust Deposition Gauge "DG15A" as identified in Figure 1 of the CVO Air Quality Monitoring Program (version 4) 18/6/2018. DOC19/784893
8	Air quality monitoring		Dust Deposition Gauge "DG18" as identified in Figure 1 of the CVO Air Quality Monitoring Program (version 4) 18/6/2018. DOC19/784893.

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9	Air quality monitoring	Dust Deposition Gauge "DG19" as identified in Figure 1 of the CVO Air Quality Monitoring Program (version 4) 18/6/2018. DOC19/784893
10	Air quality monitoring	Dust Deposition Gauge "DG29A" as identified in Figure 1 of the CVO Air Quality Monitoring Program (version 4) 18/6/2018. DOC19/784893
11	Air quality monitoring	Dust Deposition Gauge "DG17" as identified in Figure 1 of the CVO Air Quality Monitoring Program (version 4) 18/6/2018. DOC19/784893
12	Air quality monitoring (BAM)	Point 12 - Beta Attenuation Monitors (BAMs) "D1" as identified in Figure 5: Cadia Mine Area Air Quality Monitoring Network of the Cadia Air Quality and Greenhouse Gas Management Plan (AQGGMP) 11/3/2022. DOC22/193818-2
13	Air quality monitoring (BAM)	Point 13 - Beta Attenuation Monitors (BAMs) "D2" as identified in Figure 5: Cadia Mine Area Air Quality Monitoring Network of the CVO Cadia Air Quality and Greenhouse Gas Management Plan (AQGGMP) 11/3/2022. DOC22/193818-2
14	Air quality monitoring (BAM)	Point 14 -Beta Attenuation Monitors (BAMs) "D3" as identified in Figure 5: Cadia Mine Area Air Quality Monitoring Network of the CVO Cadia Air Quality and Greenhouse Gas Management Plan (AQGGMP) 11/3/2022. DOC22/193818-2
15	Air quality monitoring (BAM)	Point 15 - Beta Attenuation Monitors (BAMs) "D4" as identified in Figure 5: Cadia Mine Area Air Quality Monitoring Network of the CVO Cadia Air Quality and Greenhouse Gas Management Plan (AQGGMP) 11/3/2022. DOC22/193818-2
17	Meteorological monitoring	Weather station "RW Weather Station" as shown in Figure 6-2 of the CVO 2018-2019 AEMR DOC19/950604-1
18	Meteorological monitoring	Weather station "SLB weather station" as shown in Figure 6-2 of the CVO 2018-2019 AEMR DOC19/950604-1

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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1	Discharge to waters (stormwater - sediment basins) Discharge quality monitoring	Discharge to waters (stormwater - sediment basins) Discharge quality monitoring	1:20 year sediment basins defined as Basins SB 4a, 10, 12, 14, 15; CP 1A, 2, 3, 4; AR 1, AR4-5 combined; CD 11, 13, 14, 15; CS; H18-19 combined; T6; CDHT; and CDGL as identified in Figure 2-2 EPL Discharge Points: CVO Water Management Plan (DOC20/33586)
2	Discharge to waters Discharge quality and volume monitoring	Discharge to waters Discharge quality and volume monitoring	The overflow point from the Orange City Council effluent reuse pipeline break pressure tank to Cadiangullong Creek
3	Discharge to waters; Discharge quality monitoring	Discharge to waters; Discharge quality monitoring	1:100 year, 72 hour storm event process water dams, seepage collection dams and leachate collection dams defined as Basins SROP, NLD, SLD, ST14 (STSF), and R2 as identified in Figure 2-2 EPL Discharge Points: CVO Water Management Plan (DOC20/33586)
19	Discharge to waters; Discharge quality and volume monitoring	Discharge to waters; Discharge quality and volume monitoring	CAWS63 as identified in Figure 3-46 2019 CVO AEMR Appendix E: Surface and Ground Water Assessment (DOC19/950604-6)
23	Groundwater Quality Monitoring		MB27 as identified in Figure 3-46 2019 CVO AEMR Appendix E: Surface and Ground Water Assessment (DOC19/950604-6)
28	Groundwater Quality Monitoring		MB78 as identified in Figure 3-46 2019 CVO AEMR Appendix E: Surface and Ground Water Assessment (DOC19/950604-6)
29	Groundwater Quality Monitoring		MB79 as identified in Figure 3-46 2019 CVO AEMR Appendix E: Surface and Ground Water Assessment (DOC19/950604-6)
30	Groundwater Quality Monitoring		MB83 as identified in Figure 3-46 2019 CVO AEMR Appendix E: Surface and Ground Water Assessment (DOC19/950604-6)
31	Groundwater Quality Monitoring		MB84 as identified in Figure 3-46 2019 CVO AEMR Appendix E: Surface and Ground Water Assessment (DOC19/950604-6)
33	Surface Water Quality Monitoring		CAWS28 as identified in Figure 3-46 2019 CVO AEMR Appendix E: Surface and Ground Water Assessment (DOC19/950604-6)
34	Surface Water Quality Monitoring		CAWS30 as identified in Figure 3-46 2019 CVO AEMR Appendix E: Surface and Ground Water Assessment (DOC19/950604-6)
37	Surface Water Quality Monitoring		CAWS55 as identified in Figure 3-46 2019 CVO AEMR Appendix E: Surface and Ground Water Assessment (DOC19/950604-6)

3 Limit Conditions

L1 Pollution of waters

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

L2 Concentration limits

L2.1 For each monitoring/discharge point or utilisation area specified in the table/s below (by a point number), the concentration of a pollutant discharged at that point, or applied to that area, must not exceed the concentration limits specified for that pollutant in the table.

L2.2 Where a pH quality limit is specified in the table, the specified percentage of samples must be within the specified ranges.

L2.3 To avoid any doubt, this condition does not authorise the pollution of waters by any pollutant other than those specified in the table\s.

L2.4 Water and/or Land Concentration Limits

POINT 1

Pollutant	Units of Measure	50 percentile concentration limit	90 percentile concentration limit	3DGM concentration limit	100 percentile concentration limit
Oil and Grease	milligrams per litre				10
pH	pH				6.5-8.5
Total suspended solids	milligrams per litre				50
Turbidity	nephelometric turbidity units				25

POINT 2

Pollutant	Units of Measure	50 percentile concentration limit	90 percentile concentration limit	3DGM concentration limit	100 percentile concentration limit
Oil and Grease	milligrams per litre				10

pH	pH				6.5-8.5
Total suspended solids	milligrams per litre				50

POINT 19

Pollutant	Units of Measure	50 percentile concentration limit	90 percentile concentration limit	3DGM concentration limit	100 percentile concentration limit
Aluminium (dissolved)	milligrams per litre				0.15
Arsenic (dissolved)	milligrams per litre				0.005
Copper (dissolved)	milligrams per litre				0.1
Electrical conductivity	microsiemens per centimetre				2950
Iron (dissolved)	milligrams per litre				0.73
Lead (dissolved)	milligrams per litre				0.002
Manganese (dissolved)	milligrams per litre				0.37
Nitrogen (total)	milligrams per litre				9.0
pH	pH				6.5-8.5
Phosphorus (total)	milligrams per litre				0.4
Total suspended solids	milligrams per litre				80
Zinc (dissolved)	milligrams per litre				0.2

L2.5 The concentration limits stipulated by condition L2.1/L2.4 for EPA identification point 1 is deemed not to apply when the discharge from the stormwater control structures (sediment basins) occurs solely as a result of rainfall measured at the premises which exceeds:
a) a total of 44 millimetres of rainfall over any consecutive 5 day period.

Note: A 44mm rainfall event is defined by the EPA endorsed publication "Managing urban stormwater: soils and construction" (Landcom 2004) as the rainfall depth in millimetres for a 95th percentile 5 day rainfall event for

the Central Tablelands which is also consistent with the storage capacity (recommended minimum design criteria) for Type D sediment basins for mines and quarries (see "Managing urban stormwater: soils and construction, Volume 2E, mines and quarries" (DECC, 2008).

L3 Waste

L3.1 The licensee must not cause, permit or allow any waste to be received at the premises, except the wastes expressly referred to in the column titled “Waste” and meeting the definition, if any, in the column titled “Description” in the table below.
Any waste received at the premises must only be used for the activities referred to in relation to that waste in the column titled “Activity” in the table below.
Any waste received at the premises is subject to those limits or conditions, if any, referred to in relation to that waste contained in the column titled “Other Limits” in the table below.
This condition does not limit any other conditions in this licence.

Code	Waste	Description	Activity	Other Limits
NA	General solid waste (non-putrescible)	General demolition, construction and building waste, contaminated soil, damaged equipment, waste concrete, rubber lined steel pipe and geological wastes where there is no viable recycling alternative.	Waste disposal (application to land) As specified in each particular resource recovery exemption	Must be disposed of within the Potentially Acid Forming (PAF) encapsulation cell of the southern waste rock dump only. Contaminated soil must only be received from the former Blayney dewatering facility. The volume of contaminated soil disposed of in the southern waste rock dump PAF cell must not exceed 6,000 cubic metres. The volume of waste concrete disposed of in the southern waste rock dump PAF cell must not exceed 10,000 tonnes per annum

				The volume of geological wastes disposed of in the southern waste rock dump PAF cell must not exceed 10 tonnes per annum
NA	Wood waste	untreated waste timber chipping and use on mine site rehabilitation.	Waste disposal (application to land)	NA
NA	Waste tyres	Heavy vehicle waste tyres generated on the premises.	Waste disposal (application to land)	Must be disposed of within the waste rock dumps.
NA	Drilling mud and/or muddy waters	Drilling mud and/or muddy waters from exploration activities undertaken within the Newcrest and Newcrest Joint Venture Exploration Areas	Waste disposal (application to land)	Must only be disposed of within the CVO Tailings Facilities
NA	Biosolids categorised as unrestricted use, or as restricted use 1, 2 or 3, in accordance with the criteria set out in the biosolids guidelines	As defined in Schedule 1 of the POEO Act, as in force from time to time	Waste storage Waste processing (non-thermal treatment) Composting Waste disposal (application to land)	NA
NA	General or Specific exempted waste	Waste that meets all the conditions of a resource recovery exemption under Clause 51A of the Protection of the Environment Operations (Waste) Regulation 2005	As specified in each particular resource recovery exemption	NA

L4 Noise limits

L4.1 Noise generated at the premises must not exceed the noise limits in the table below. The locations referred to in the table below are indicated by property name and/or name of the property owner

Locality and Location	Day - LAeq (15 minute)	Evening - LAeq (15 minute)	Night - LAeq (15 minute	Night - LAeq (1 minute)
'Meribah'; 'Triangle Park'; 'Mayburies'; 'Mirrabooka'; 'Eastburn'; 'Northwest'; 'South Log'	43	38	38	45

'Coorabin'; 'Argyle'; 'Weemalla'	43	38	37	45
'Triangle flat'; 'Barton Park'; 'Bonnie Glen'	43	38	36	45
'Chesterfield'; 'Warrengong'; 'Willow Creek';	43	38	35	45
Other privately owned land	43	38	35	45

Note: For the purpose of condition L4.1:
a) Day is defined as the period from:
i. 7am to 6pm Monday to Saturday, and
ii. 8am to 6pm on Sundays and Public Holidays;
b) Evening is defined as the period 6pm to 10pm; and
c) Night is defined as the period from:
i. 10pm to 7am Monday to Saturday, and
ii. 10pm to 8am on Sundays and Public Holidays.

The above noise limits do not apply at properties where the licensee has a written agreement with the landowner to exceed the noise limits.

L4.2 Noise generated at the CVO Dewatering Facility must not exceed the noise limits in the table below. The locations referred to in the table below are indicated by location name.

Locality and Location	Day - LAeq (15 minute)	Evening - LAeq (15 minute)	Night - LAeq (15 minute)	Night - LA1 (1 minute)
84 Newbridge Road Blayney (Athol Gardens)	38	38	35	45
247 Newbridge Road Blayney	50	42	42	45
331 Newbridge Road Blayney (Holwood)	43	35	35	45

Note: For the purpose of L4.2:
a) a day is defined as the period from:
i) 7am to 6pm Monday to Saturday, and
ii) 8am to 6pm Sundays and Public Holidays;
b) evening is defined as the period form 6pm to 10pm; and
c) night is defined as the period from:
i) 10pm to 7am Monday to Saturday, and
ii) 10pm to 8am Sundays and Public Holidays

Also for the purpose of condition L4.2, monitoring locations that refer to Newbridge Road are locations with respect to the CVO Dewatering Facility.

L4.3 The noise limits set out in the table at condition L4.1 and L4.2 apply under all meteorological conditions except for the following:

a) Wind speeds greater than 3 metres/second at 10 metres above ground level; or
b) Stability category F temperature inversion conditions and wind speeds greater than 2 metres/second at 10 metres above ground level; or
c) Stability category G temperature inversion conditions.
d) Rainfall.

Note: For the purposes of condition L4.3
a) In relation to the noise limits stipulated by condition L4.1, data recorded by the weather station identified as EPA Identification Point 17 must be used to determine meteorological conditions. Where the weather station identified as EPA Identification Point 17 cannot be used for any reason, the weather station identified as EPA Identification Point 18 may be used for this purpose; and
b) In relation to the noise limits stipulated by condition L4.2, data recorded by the weather station at the Orange airport at Spring Hill must be used to determine meteorological conditions; and
c) Temperature inversion conditions (stability category) are to be determined by the sigma-theta method referred to in Part E4 of Appendix E to the NSW Industrial Noise Policy (EPA 2000/2001).

L4.4 **Determining Compliance**

To determine compliance:
a) with the LAeq (15 minute) and LA1 (1 minute) noise limits set out in the table at condition L4.1 and L4.2, the noise measurement equipment must be located:
i) approximately on the property boundary, where any dwelling is situated 30 metres or less from the property boundary closest to the premises; or
ii) 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
iii) within approximately 50 metres of the boundary of a National Park or a Nature Reserve.

b) otherwise with the noise limits set out in the tables at conditions L4.1, and L4.2 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) of this condition.

c) noise monitoring equipment may be located greater than 30 metres from a dwelling, but only where the monitoring location is closer to the licensed premise noise source(s), the location is more affected than the dwelling, and the licensee accepts that the limits set out under condition L4.1 and L4.2 apply at the monitoring location.

L4.5 A non-compliance of the noise limits set out in the tables at conditions L4.1 will still occur where noise generated from the premises in excess of the appropriate limit is measured:
a) at a location other than an area prescribed in condition L4.4; and/or
b) at a point other than the most affected point at a location.

L4.6 For the purposes of determining the noise generated from the premises (including and the CVO Dewatering facility) the modification factors in Section 4 of the NSW Industrial Noise Policy (EPA 2000/2001) must be applied, as appropriate, to the noise levels measured by the noise measurement equipment.

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L5 Blasting

L5.1 The licensee must ensure that blasting at the premises does not exceed the criteria specified in the Table below:

Location	Time of Blasting	Airblast overpressure (dB(Lin Peak))	Ground vibration (mm/s)	Allowable exceedance
Residence on privately owned land	Any time	120	10	must not be exceeded.
	Daytime (7am - 6pm) Monday - Saturday	115	5	may be exceeded by no more than 5% of the total number of blasts over each licence reporting period
	Evening (6pm - 10pm)	105	2	may be exceeded by no more than 5% of the total number of blasts over each licence reporting period
	Night (10pm - 7am) and all day on Sunday and public holidays	95	1	may be exceeded by no more than 5% of the total number of blasts over each licence reporting period

L5.2 Error margins associated with any monitoring equipment used to measure airblast overpressure and ground vibration are not taken into account in determining whether or not the limit has been exceeded.

Note: "Noise sensitive locations" includes buildings used as a residence, hospital, school, child care centre, place of public worship and nursing homes. A noise sensitive location includes the land within 30 metres of the building.

L6 Other limit conditions

L6.1 Pesticides to control blooms of potentially toxic blue-green algae must only be applied to Cadiangullong Dam and/or Rodds Creek Dam when the concentration of potentially toxic blue-green algae exceeds 5,000 cells per millilitre.

L6.2 The application of any pesticide to control potentially toxic blue-green algae must be undertaken in accordance with the Australian Pesticides and Veterinary Medicines Authority (APVMA) approved label for the product being used.

L6.3 The licensee must not apply pesticides to Cadiangullong and/or Rodds Creek Dam to control potentially toxic blue-green algae if the dam which the product is being applied is overflowing, or likely to overflow in the following 24 hours.

4 Operating Conditions

O1 Activities must be carried out in a competent manner

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

O2 Maintenance of plant and equipment

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

O3 Dust

O3.1 The premises must be maintained in a condition which minimises or prevents the emission of dust from the premises.

O3.2 Activities occurring in or on the premises must be carried out in a manner that will minimise the generation, or emission from the premises, of wind-blown or traffic generated dust.

O3.3 All dust control equipment must be operable at all times with the exception of shutdowns required for maintenance.

O4 Other operating conditions

O4.1 The stormwater control structures (sediment basins) identified at EPA identification point 1 must be drained or pumped out as necessary to maintain each basins design storage capacity within 5 days following rainfall.

O4.2 The water discharged to comply with condition O4.1 may only be discharged to waters from those stormwater control structures (sediment basins) identified at EPA identification point 1 where:
a) the water discharged complies with the pH and turbidity limits stipulated at condition L2.1/L2.4 during in-situ field testing;
b) a sample of the water discharged is taken for testing and analysis in accordance with condition M2.3; and
c) the EPA is advised of any results above the licence limits within 3 working days of the receipt of the monitoring results required above.

Note: The purpose of this condition is to expedite the assessment and discharge of water from the stormwater control structures (sediment basins).

O4.3 The dams identified at EPA identification point 3 must be drained or pumped out as necessary to maintain each dams design storage capacity within 14 days following rainfall.

O4.4 There must be no discharge to Cadiangulong and/or Rodds Creek from the process water dams, seepage collection dams and leachate collection dams as identified at EPA identification point 3 except where rainfall at the premises exceeds the 1:100 design criteria for those basins being greater than 158mm of rainfall recorded over a 72 hour period.

O4.5 The licensee must undertake maintenance as necessary to desilt any storage basin indentified at EPA identification points 1 and 3 in order to retain each storage basins design storage capacity.

5 Monitoring and Recording Conditions

M1 Monitoring records

M1.1 The results of any monitoring required to be conducted by this licence or a load calculation protocol must be recorded and retained as set out in this condition.

M1.2 All records required to be kept by this licence must be:
a) in a legible form, or in a form that can readily be reduced to a legible form;
b) kept for at least 4 years after the monitoring or event to which they relate took place; and
c) produced in a legible form to any authorised officer of the EPA who asks to see them.

M1.3 The following records must be kept in respect of any samples required to be collected for the purposes of this licence:
a) the date(s) on which the sample was taken;
b) the time(s) at which the sample was collected;
c) the point at which the sample was taken; and
d) the name of the person who collected the sample.

M2 Requirement to monitor concentration of pollutants discharged

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

M2.2 Air Monitoring Requirements

POINT **4,5,6,7,8,9,10,11**

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Pollutant	Units of measure	Frequency	Sampling Method
Particulates - Deposited Matter	grams per square metre per month	Monthly	Australian Standard 3580.10.1-2003

POINT 12,13,14,15

Pollutant	Units of measure	Frequency	Sampling Method
PM10	milligrams per cubic metre	Special Frequency 1	Australian Standard 3580.9.11 - 2008
PM2.5	micrograms per cubic metre	Special Frequency 1	Australian Standard 3580.9.11 - 2008

Note: For the purpose of condition M2.2:
a) Special Frequency 1 means: continuous with both 24 hour averages and a yearly average calculated and reported.

M2.3 Water and/ or Land Monitoring Requirements

POINT 1

Pollutant	Units of measure	Frequency	Sampling Method
Oil and Grease	milligrams per litre	Daily during any discharge	Representative sample
pH	pH	Daily during any discharge	Representative sample
Total suspended solids	milligrams per litre	Daily during any discharge	Representative sample
Turbidity	nephelometric turbidity units	Daily during any discharge	Representative sample

POINT 2

Pollutant	Units of measure	Frequency	Sampling Method
Biochemical oxygen demand	milligrams per litre	Daily during any discharge	Grab sample
Nitrogen (total)	milligrams per litre	Daily during any discharge	Grab sample
Oil and Grease	milligrams per litre	Daily during any discharge	Grab sample
pH	pH	Daily during any discharge	Grab sample
Phosphorus (total)	milligrams per litre	Daily during any discharge	Grab sample
Total suspended solids	milligrams per litre	Daily during any discharge	Grab sample

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POINT 19,33,34,37

Pollutant	Units of measure	Frequency	Sampling Method
Aluminium (dissolved)	milligrams per litre	Monthly	Grab sample
Arsenic (dissolved)	milligrams per litre	Monthly	Grab sample
Cadmium (dissolved)	milligrams per litre	Monthly	Grab sample
Copper (dissolved)	milligrams per litre	Monthly	Grab sample
Electrical conductivity	microsiemens per centimetre	Monthly	Grab sample
Iron (dissolved)	milligrams per litre	Monthly	Grab sample
Lead (dissolved)	milligrams per litre	Monthly	Grab sample
Manganese (dissolved)	milligrams per litre	Monthly	Grab sample
Molybdenum (dissolved)	milligrams per litre	Monthly	Grab sample
Nitrogen (total)	milligrams per litre	Monthly	Grab sample
Nitrogen Oxides	milligrams per litre	Monthly	Grab sample
pH	pH	Monthly	Grab sample
Phosphorus (total)	milligrams per litre	Monthly	Grab sample
TSS	milligrams per litre	Monthly	Grab sample
Zinc (dissolved)	milligrams per litre	Monthly	Grab sample

POINT 23,28,29,30,31

Pollutant	Units of measure	Frequency	Sampling Method
Aluminium (dissolved)	milligrams per litre	Monthly	Representative sample
Arsenic (dissolved)	milligrams per litre	Monthly	Representative sample
Cadmium (dissolved)	milligrams per litre	Monthly	Representative sample
Copper (dissolved)	milligrams per litre	Monthly	Representative sample
Electrical conductivity	microsiemens per centimetre	Monthly	Representative sample
Iron (dissolved)	milligrams per litre	Monthly	Representative sample
Lead (dissolved)	milligrams per litre	Monthly	Representative sample
Manganese (dissolved)	milligrams per litre	Monthly	Representative sample
Molybdenum (dissolved)	milligrams per litre	Monthly	Representative sample
Nitrogen (total)	milligrams per litre	Monthly	Representative sample
Nitrogen Oxides	milligrams per litre	Monthly	Representative sample
pH	pH	Monthly	Representative sample
Phosphorus (total)	milligrams per litre	Monthly	Representative sample
TSS	milligrams per litre	Monthly	Representative sample
Zinc (dissolved)	milligrams per litre	Monthly	Representative sample

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

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

Note: The *Protection of the Environment Operations (Clean Air) Regulation 2022* requires testing for certain purposes to be conducted in accordance with test methods contained in the publication "Approved Methods for the Sampling and Analysis of Air Pollutants in NSW".

M4 Environmental monitoring

Noise monitoring

M4.1 The licensee must undertake bi-annual noise monitoring (in-line with the reporting period) at the location and times specified by the table below for each of the noise parameters provided in the table, to determine compliance with the noise limits stipulated by conditions L4.1 and L4.2.

Locality and Location	LAeq(15 minute)	LAeq(15 minute)	LAeq(15 minute)	LA1(1 minute)
Chesterfield; Warrengong; Willow Creek; Northwest; South Log; Barton Park; Bonnie Glen.	Daytime	Evening	Night	Night

85 Carcoar St (Location1); 15 Railway Lane (Location 2); 9 Hill St (Location 3); Blayney Primary School (Location 4)Blayney Pre-School (Location 5); 84 Newbridge Rd (Athol Gardens); 331 Newbridge Rd (Hollwood); 247 Newbridge Road.	Daytime	Evening	Night	Night

M4.2 The results of the noise monitoring required by condition M4.1, and an interpretation of these results, must be provided as an attachment to each corresponding years Annual Return.

M4.3 The licensee, following the receipt of a noise related complaint and if required by the EPA, must undertake noise monitoring to determine compliance with the noise limits stipulated by condition L4.1 and L4.2.

M4.4 The results of the noise monitoring required by condition M4.3, and an interpretation of these results, must be provided to the EPA within 21 days of the completion of the noise monitoring.

Blast monitoring

M4.5 The licensee must monitor all blasts carried out in connection with the premises (in line with the reporting period) at or near the nearest residence or noise sensitive location (such as a school or hospital) that is not owned by the licensee or subject of a private agreement between the licensee and owner of the residence or noise sensitive location relating to alternative blasting limits, to adequately determine compliance with the blast limits stipulated by condition L5.1.

M4.6 The results of the blast monitoring required by condition M4.5, and an interpretation of these results, must be provided as an attachment to each corresponding years Annual Return.

M5 Weather monitoring

M5.1 For each monitoring point specified in the table below 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, specified opposite in the other columns.

Points 17 and 18

Parameter	Units of Measure	Frequency	Averaging Period	Sampling Method
Air temperature	°C	Continuous	1 hour	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

M6 Recording of pollution complaints

M6.1 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.

M6.2 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.

M6.3 The record of a complaint must be kept for at least 4 years after the complaint was made.

M6.4 The record must be produced to any authorised officer of the EPA who asks to see them.

M7 Telephone complaints line

M7.1 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.

M7.2 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.

M7.3 The preceding two conditions do not apply until 3 months after: the date of the issue of this licence.

M8 Requirement to monitor volume or mass

M8.1 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 2

Frequency	Unit of Measure	Sampling Method
Daily during any discharge	kilolitres per discharge event	Estimate

POINT 19

Frequency	Unit of Measure	Sampling Method
Weekly during any discharge	kilolitres per day	Flow meter and continuous logger

Note:

The requirement to monitor the volume of water discharged at LDP19 as required by condition M8.1 does not commence until 3 months after the date that LDP19 is attached to the licence.

M9 Other monitoring and recording conditions

M9.1 At least one representative water sample is required to be taken from the dam(s) when pesticides are used to control potentially toxic blue-green algae at the following times:
a) immediately prior to the application of pesticides;
b) 2 hours after the application of pesticides;
c) 24 hours after the application of pesticides; and
d) 7 days after the application of pesticides.

M9.2 The samples required to be taken from the dam(s) when pesticides are used to control potentially toxic blue-green algae, must be analysed for the following:
a) potentially toxic blue-green algae (in cells/millilitre);
b) toxicity;
c) total and dissolved coppers (if the pesticide used is copper based); and
d) the active constituents of the pesticide (if not copper based).

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.

R1.7 Within the Annual Return, the Statements of Compliance must be certified and the Monitoring and Complaints Summary must be signed by:
a) the licence holder; or
b) by a person approved in writing by the EPA to sign on behalf of the licence holder.

R2 Notification of environmental harm

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

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

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

R3 Written report

R3.1 Where an authorised officer of the EPA suspects on reasonable grounds that:
a) where this licence applies to premises, an event has occurred at the premises; or
b) where this licence applies to vehicles or mobile plant, an event has occurred in connection with the carrying

out of the activities authorised by this licence,
and the event has caused, is causing or is likely to cause material harm to the environment (whether the harm occurs on or off premises to which the licence applies), the authorised officer may request a written report of the event.

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

R3.3 The request may require a report which includes any or all of the following information:
a) the cause, time and duration of the event;
b) the type, volume and concentration of every pollutant discharged as a result of the event;
c) the name, address and business hours telephone number of employees or agents of the licensee, or a specified class of them, who witnessed the event;
d) the name, address and business hours telephone number of every other person (of whom the licensee is aware) who witnessed the event, unless the licensee has been unable to obtain that information after making reasonable effort;
e) action taken by the licensee in relation to the event, including any follow-up contact with any complainants;
f) details of any measure taken or proposed to be taken to prevent or mitigate against a recurrence of such an event; and
g) any other relevant matters.

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

R4 Annual system performance report

R4.1 An Annual Environmental Management Report (EMR) for the premises must be prepared and submitted to the EPA at the same time as the Annual Environmental Management Report (AEMR) required by the Department of Trade and Investment, Mineral Resources and Energy. The AEMR will satisfy the requirement of an EMR provided it contains the following:
a) an assessment of environmental performance relevant to the conditions of this licence;
b) an analysis and interpretation of any monitoring data required by the EPA; and
c) recommendations on improving environmental performance to meet or exceed the outcomes specified by the conditions of this licence.

R5 Other reporting conditions

R5.1 The licensee is required to make and keep records for any application of pesticides to Cadiangullong and/or Rodds Creek Dam as per the requirements of Part 4A of the *Pesticides Regulation 2009*.

7 General Conditions

G1 Copy of licence kept at the premises or plant

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

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

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

8 Pollution Studies and Reduction Programs

U1 Northern and Southern Tailings Storage Facilities - dust supression

U1.1 By 29 May 2023 the licensee must develop and implement a dust suppression management plan which identifies a method (methods or combination of methods) to cover the entire Northern Tailings Storage Facility and Southern Tailings Storage Facility at the premises, at all times.

U1.2 A report must be submitted to the EPA on 29 May 2023 which demonstrates that the coverage of the entire surface of the Northern and Southern Tailings Storage Facilities at the premises, required by licence conditions U1.1 and U1.2 as detailed in licence variation Notice 1609965 issued on 24 August 2021, is in place over the entire surface of the Northern and Southern Tailings Storage Facilities at the premises at the time of issuing licence variation Notice 1627858.

U1.3 The licensee must undertake ongoing maintenance of the dust suppression method (methods or combination of methods), as detailed in the management plan under licence condition U1.1, for the Northern Tailings Storage Facility and Southern Tailings Storage Facility at the premises.

U1.4 By 29 May 2023 the licensee must develop and implement an ongoing Northern Tailings Storage Facility and Southern Tailings Storage Facility dust suppression monitoring plan.

U1.5 The Northern Tailings Storage Facility and Southern Tailings Storage Facility dust suppression monitoring plan must:

- Detail the scientific methodology, such as transects and plots, to assess the extent of cover on the Northern Tailings Storage Facility and Southern Tailings Storage Facility at the premises to confirm licence condition U1.1 is being complied with.
- Establish criteria, such as a percentage cover, as assessed via the methodology, to confirm licence condition U1.1 is being complied with.

U1.6 The licensee must provide a report to the EPA by the 7th day of each calender month which includes the following:

- the percentage cover of the entire surface and supporting aerial images, and mapping data
- identifies the total area which is not covered in dust suppressant (this includes areas that have previously had dust suppressant applied but failed or washed away)
- identify the number of times dust lift has occurred from the Northern Tailings Storage Facility and Southern Tailings Storage Facility. Dust lift events must be accompanied by site response measures and future

mitigation works planned to limit reoccurrence.
- an inspection log of the dates and times the Tailings Storage Facilities have been inspected.
- a log of any community complaints received during the reporting period and evidence that each community complaint has been responded to and actioned
- a log of the number of times the Tailings Storage Facility Trigger Action Response Plan (TARP) has been activated in the period and any corrective actions taken in response

U2 Northern Tailings Storage Facility and Southern Tailings Storage Facility - dust mitigation options assessment

U2.1 By 12 May 2023 the licensee must provide a report to the EPA which:

· Provides details regarding a potential irrigation system including but not limited to the type and extent of the irrigation system which may be installed, a map which identifies the location of any system, the estimated likely water application volume, monthly and yearly and source of water to be utilised.
· Details the area of the Northern Tailings Storage Facility and Southern Tailings Storage Facility at the premises which may be serviced by an irrigation system.
· Assesses the long-term sustainability of irrigation in low, average and high rainfall conditions.
· Provides a potential program and schedule for the completion of installation works.

U2.2 By 18 August 2023, the licensee must submit to the EPA an options assessment report which assesses all feasible and reasonable dust mitigation products/methods which could potentially be used on Northern Tailings Storage Facility and Southern Tailings Storage Facility to minimise dust emissions from the facilities.

U2.3 The options assessment report at a minimum must:

- Be completed by a suitably qualified person/s.
- Details all dust mitigation products and methods which have been assessed.
- Recommends the most appropriate feasible and reasonable dust mitigation product/method (or combination of measures).
- Identifies and prioritises the short, medium and long-term options, including timeframes for the implementation of the options for each timeframe.
- Includes justification for why a mitigation product or method has been recommended.
- Includes justification for why a mitigation product or method has not been recommended.

U3 ANSTO Dust Fingerprinting Project

U3.1 The licensee must provide a copy of the ANSTO report to the EPA within two weeks of receiving the report.

U4 Molybdenum Plant Stack Management and Monitoring Plan

U4.1 By 30 June 2023 the Licensee prepare and submit to the EPA a Management and Monitoring Plan for the Molybdenum Plant. The plan must:

- must be prepared by a suitably qualified person.
- identify all potential fugitive and point source emissions from the plant.
- identify all monitoring which is proposed for associated emissions from the plant.
- detail the operational measures used for ensuring the representativeness of emission measurements during monitoring including any procedures relating to operating conditions and process data and recording.
- describe the quality assurance and quality control procedures used for collecting, verifying, and reporting emission monitoring data.
- detail procedures for routine inspections and maintenance of the plant.
- identify how risks are managed at the site, including chemical handling, emissions, radiation sources and any other identified environmental risks.
- identify the remaining stages of plant commissioning and expected time frames for completion.

9 Special Conditions

E1 Tapered Element Oscillating Microbalance (TEOM)

E1.1 A Tapered Element Oscillating Microbalance (TEOM) is permitted for the purpose of monitoring air quality at licence condition point 15. This does not override requirements of licence condition M2.2 to continuously monitor using Beta Attenuation Monitors (BAMs) at point 15.

E1.2 A data comparison report for the TEOM and BAM data collected at licence point 15 must be submitted to the EPA by 30 June 2023.

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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 *Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales*.
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 *Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales*.
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 Environmen t 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 describe d 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 mo nths. 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 *Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales*.

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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 Terry Knowles

Environment Protection Authority

(By Delegation)

Date of this edition: 21-November-2000

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End Notes

1	Licence varied by notice 1002926, issued on 16-Jan-2001, which came into effect on 30-Jan-2001.
2	Licence varied by notice 1018772, issued on 04-Jul-2002, which came into effect on 04-Jul-2002.
3	Licence varied by notice 1018990, issued on 17-Jul-2002, which came into effect on 17-Jul-2002.
4	Licence varied by notice 1031783, issued on 19-Nov-2003, which came into effect on 14-Dec-2003.
5	Licence varied by notice 1038704, issued on 26-Jul-2004, which came into effect on 20-Aug-2004.
6	Licence varied by notice 1044527, issued on 26-Jun-2006, which came into effect on 26-Jun-2006.
7	Licence varied by notice 1062939, issued on 04-Aug-2006, which came into effect on 04-Aug-2006.
8	Licence varied by notice 1072425, issued on 20-Apr-2007, which came into effect on 20-Apr-2007.
9	Condition A1.3 Not applicable varied by notice issued on <issue date> which came into effect on <effective date>
10	Licence varied by notice 1079491, issued on 06-Apr-2009, which came into effect on 06-Apr-2009.
11	Licence varied by notice 1501850 issued on 14-Feb-2012
12	Licence varied by notice 1511532 issued on 22-Feb-2013
13	Licence varied by notice 1512341 issued on 03-Apr-2013
14	Licence varied by notice 1515014 issued on 24-Mar-2014
15	Licence varied by notice 1535598 issued on 16-Feb-2016
16	Licence varied by notice 1547719 issued on 19-Jul-2017
17	Licence varied by notice 1568059 issued on 24-Aug-2018
18	Licence varied by notice 1587314 issued on 03-Feb-2020
19	Licence varied by notice 1595668 issued on 11-Jun-2020
20	Licence varied by notice 1609965 issued on 24-Aug-2021
21	Licence varied by notice 1612911 issued on 01-Oct-2021
22	Licence varied by notice 1617228 issued on 10-Jun-2022
23	Licence varied by notice 1621577 issued on 08-Aug-2022

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24	Licence varied by notice 1627858 issued on 19-Apr-2023