



# Environment Protection Licence

Licence - 13007

| Licence Details   |            |
|-------------------|------------|
| Number:           | 13007      |
| Anniversary Date: | 01-January |

| Licensee                    |
|-----------------------------|
| ENERGYAUSTRALIA NSW PTY LTD |
| 350 BOULDER RD              |
| PORTLAND NSW 2847           |

| Scheduled Activity               |
|----------------------------------|
| Chemical storage                 |
| Coal works                       |
| Crushing, grinding or separating |
| Electricity generation           |
| Waste storage                    |

| Fee Based Activity                       | Scale                                  |
|------------------------------------------|----------------------------------------|
| Coal works                               | 0-2000000 T annual handing capacity    |
| Crushing, grinding or separating         | > 2000000 T annual processing capacity |
| General chemicals storage                | 0-5000 kL storage capacity             |
| Generation of electrical power from coal | > 4000 GWh annual generating capacity  |
| Petroleum products storage               | 0-5000 kL storage capacity             |
| Waste storage - other types of waste     | Any other types of waste stored        |

| Contact Us                                                          |
|---------------------------------------------------------------------|
| NSW EPA                                                             |
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| 10 Darcy Street                                                     |
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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:

|                             |
|-----------------------------|
| ENERGYAUSTRALIA NSW PTY LTD |
| 350 BOULDER RD              |
| PORTLAND NSW 2847           |

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                                  |
|----------------------------------|------------------------------------------|----------------------------------------|
| Coal works                       | Coal works                               | 0 - 2000000 T annual handing capacity  |
| Crushing, grinding or separating | Crushing, grinding or separating         | > 2000000 T annual processing capacity |
| Chemical storage                 | General chemicals storage                | 0 - 5000 kL storage capacity           |
| Electricity generation           | Generation of electrical power from coal | > 4000 GWh annual generating capacity  |
| Chemical storage                 | Petroleum products storage               | 0 - 5000 kL storage capacity           |
| Waste storage                    | Waste storage - other types of waste     | Any other types of waste stored        |

### A2 Premises or plant to which this licence applies

A2.1 The licence applies to the following premises:

| Premises Details                                                                                                                                                                                              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MOUNT PIPER POWER STATION                                                                                                                                                                                     |
| 350 BOULDER ROAD                                                                                                                                                                                              |
| PORTLAND                                                                                                                                                                                                      |
| NSW 2847                                                                                                                                                                                                      |
| PREMISES DEFINED BY DRAWING TITLED "EPL 13007 MONITORING POINTS - MOUNT PIPER POWER STATION" DRAWING NO: 0534601S_EPLV_G003_R6.MXD DATED AND RECEIVED BY THE EPA ON 27/08/2021 (EPA REFERENCE DOC21/499589-1) |

A2.2 The premises does not include land within Lot 2 DP 702619 identified under condition A2.1 of environment protection licence 20513 as the premises of Nu-Rock Technology Pty Limited (EPA reference DOC19/479448).

A2.3 The document referred to in condition A2.1 is herein referred to within this licence as "The Plan".



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- A2.4 The premises does not include land and associated pipeline infrastructure within part of Lot 191 DP 629212, Lot 2 DP 702619 and Lot 1 DP 829065 being land occupied by the Springvale Mine Water Treatment Facility as shown in Plan Figure 1: Springvale Mine Water Treatment Facility dated 03/05/2019 (EPA reference DOC19/479497).
- A2.5 The premises includes land and associated pipeline infrastructure with part of Lot 2 in Deposited Plan 874368 as shown in Drawing F1 (EPA reference DOC23/935269-4), ancillary to Energy Australia NSW Pty Ltd's existing rights contained in the easement for water supply in item 6 of the second schedule to the title reference for Lot 2 in Deposited Plan 874368. The premises does not include the remainder of land and infrastructure in Lot 2 in Deposited Plan 874368 which is under the direct control of Taranza Pty Limited, or their agents and assigns.

## A3 Other activities

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

| Ancillary Activity                                                  |
|---------------------------------------------------------------------|
| Electricity generation (generation of electrical power from diesel) |
| Sewage treatment                                                    |

- A3.2 For the purpose of condition A3.1 above:
- a) electricity generation (generation of electrical power from diesel) means the operation of the emergency diesel generator(s) in accordance with the conditions of the licence; and
  - b) all other activities are as per Schedule 1 of the Protection of the Environment Operations Act 1997.

## 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.



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## 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 identi-<br>fication no. | Type of Monitoring<br>Point          | Type of Discharge<br>Point | Location Description                                                                                                      |
| 1                           |                                      | Discharge to air           | Discharge of air emissions from the Mt Piper Stack serving Boilers 1 and 2 marked and shown as EPA ID 1 on The Plan.      |
| 2                           | Air emission monitoring              |                            | Discharge of combined air emissions from Boiler 1 via Points 4 and 5 to Point 1 marked and shown as EPA ID 2 on The Plan. |
| 3                           | Air emission monitoring              |                            | Discharge of combined air emissions from Boiler 2 via Points 6 and 7 to Point 1 marked and shown as EPA ID 3 on The Plan. |
| 4                           | Air emission monitoring              |                            | Boiler number 1 exhaust - Duct B marked and shown as EPA ID 4 (Duct 1B) on The Plan.                                      |
| 5                           | Air emission monitoring              |                            | Boiler number 1 exhaust - Duct A marked and shown as EPA ID 5 (Duct 1A) on The Plan.                                      |
| 6                           | Air emission monitoring              |                            | Boiler number 2 exhaust - Duct A marked and shown as EPA ID 6 (Duct 2A) on The Plan.                                      |
| 7                           | Air emission monitoring              |                            | Boiler number 2 exhaust - Duct B marked and shown as EPA ID 7 (Duct 2B) on The Plan.                                      |
| 8                           | Ambient air quality<br>monitoring    |                            | Blackmans Flat Beta Attenuation Monitor marked and shown as EPA ID 8 (Blackmans Flat BAM) on The Plan.                    |
| 9                           | Ambient air quality<br>monitoring    |                            | Wallerawang Beta Attenuation Monitor marked and shown as EPA ID 9 (Wallerawang BAM) on The Plan.                          |
| 10                          | Ambient air quality<br>monitoring    |                            | Passive air quality monitoring marked and shown as EPA ID 10 (Newnes Plateau Passive) on The Plan.                        |
| 11                          | Meteorological weather<br>monitoring |                            | Weather station as indicated as EPA ID 11 (Mt Piper Weather Station) on The Plan.                                         |

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.

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## Water and land

| EPA Identification no. | Type of Monitoring Point                                                           | Type of Discharge Point                                                            | Location Description                                                                                                                                                                                                |
|------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 12                     | Discharge to waters<br>Discharge quality monitoring<br>Discharge volume monitoring | Discharge to waters<br>Discharge quality monitoring<br>Discharge volume monitoring | Overflow from CHP Settlement Basin marked as "weir" at EL931 on Figure 4 of the Aurecon CHP Coal Settling Basin Water Management Options Report Ref: 501396 21 August 2018 (EPA reference DOC18/644531).            |
| 13                     | Groundwater quality monitoring                                                     |                                                                                    | Groundwater monitoring Point D10 as shown on The Water Plan.                                                                                                                                                        |
| 14                     | Groundwater quality monitoring                                                     |                                                                                    | Groundwater monitoring Point D102 as shown on The Water Plan.                                                                                                                                                       |
| 15                     | Groundwater quality monitoring                                                     |                                                                                    | Groundwater monitoring Point D103 as shown on The Water Plan.                                                                                                                                                       |
| 16                     | Groundwater quality monitoring                                                     |                                                                                    | Groundwater monitoring Point D104 as shown on The Water Plan.                                                                                                                                                       |
| 17                     | Groundwater quality monitoring                                                     |                                                                                    | Groundwater monitoring Point D105 as shown on The Water Plan.                                                                                                                                                       |
| 18                     | Groundwater quality monitoring                                                     |                                                                                    | Groundwater monitoring Point D106 as shown on The Water Plan.                                                                                                                                                       |
| 19                     | Groundwater quality monitoring                                                     |                                                                                    | Groundwater monitoring Point D107 as shown on The Water Plan.                                                                                                                                                       |
| 20                     | Groundwater quality monitoring                                                     |                                                                                    | Groundwater monitoring Point D113 as shown on The Water Plan.                                                                                                                                                       |
| 21                     | Groundwater quality monitoring                                                     |                                                                                    | Groundwater monitoring Point D3 as shown on The Water Plan.                                                                                                                                                         |
| 22                     | Surface water quality monitoring                                                   |                                                                                    | Surface water monitoring Point C as shown on The Water Plan.                                                                                                                                                        |
| 23                     | Surface water quality monitoring                                                   |                                                                                    | Surface water monitoring Point E as shown on The Water Plan.                                                                                                                                                        |
| 24                     | Surface water quality monitoring                                                   |                                                                                    | Surface water monitoring Point F as shown on The Water Plan.                                                                                                                                                        |
| 25                     | Surface water quality monitoring                                                   |                                                                                    | Surface water monitoring Point G as shown on The Water Plan.                                                                                                                                                        |
| 26                     | Discharge to waters<br>Discharge quality monitoring                                | Discharge to waters<br>Discharge quality monitoring                                | Surface water monitoring and discharge point - Emergency Release Valve as shown on Figure 1 - 2023 TCR Emergency Discharge Mount Piper Power Station, as received by EPA 20/10/2023 (EPA reference DOC23/935269-4). |
| 27                     | Surface water quality monitoring                                                   |                                                                                    | Surface water monitoring point (WX9) as shown on Figure 1 - TCR Emergency Discharge Point - Mount Piper Power Station received by EPA on 20/10/2023 (EPA reference DOC23/935269-4).                                 |

P1.4 For the purpose of this Licence, the 'Water Plan' refers to the plan titled 'Groundwater and Surface Water Sampling Locations' attached to the letter titled 'Mt Piper Power Station Ash Repository Investigation – Interim Update on Analysis Results' prepared by ERM Australia Pty Ltd dated 21 November 2018 (EPA



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reference DOC19/854888).

## 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 Load limits

L2.1 The actual load of an assessable pollutant discharged from the premises during the reporting period must not exceed the load limit specified for the assessable pollutant in the table below.

Note: An assessable pollutant is a pollutant which affects the licence fee payable for the licence.

L2.2 The actual load of an assessable pollutant must be calculated in accordance with the relevant load calculation protocol.

| Assessable Pollutant                    | Load limit (kg) |
|-----------------------------------------|-----------------|
| Arsenic (Air)                           |                 |
| Benzene (Air)                           |                 |
| Benzo(a)pyrene (equivalent) (Air)       |                 |
| Coarse Particulates (Air)               |                 |
| Fine Particulates (Air)                 |                 |
| Fluoride (Air)                          |                 |
| Lead (Air)                              |                 |
| Mercury (Air)                           |                 |
| Nitrogen Oxides (Air)                   |                 |
| Salt (Enclosed Water)                   |                 |
| Selenium (Enclosed Water)               |                 |
| Sulfur Oxides (Air)                     |                 |
| Total suspended solids (Enclosed Water) |                 |
| Volatile organic compounds (Air)        |                 |

### L3 Concentration limits

L3.1 For each monitoring/discharge point or utilisation area specified in the table/s below (by a point number), the



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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.

### L3.2 Air Concentration Limits

#### POINT 2,3

| Pollutant                                          | Units of measure           | 100 percentile concentration limit | Reference conditions | Oxygen correction | Averaging period |
|----------------------------------------------------|----------------------------|------------------------------------|----------------------|-------------------|------------------|
| Mercury                                            | milligrams per cubic metre | 0.05                               | Dry, 273K, 101.3kPA  | 7% O2             | 1 Hour           |
| Chlorine                                           | milligrams per cubic metre | 20                                 | Dry, 273K, 101.3kPA  | 7% O2             | 1 Hour           |
| Type 1 and Type 2 substances in aggregate          | milligrams per cubic metre | 0.75                               | Dry, 273K, 101.3kPA  | 7% O2             | 1 Hour           |
| volatile organic compounds as n-propane equivalent | milligrams per cubic metre | 10                                 | Dry, 273K, 101.3kPA  | 7% O2             | 1 Hour           |
| Hydrogen chloride                                  | milligrams per cubic metre | 50                                 | Dry, 273K, 101.3kPA  | 7% O2             | 1 Hour           |
| Solid Particles                                    | milligrams per cubic metre | 50                                 | Dry, 273K, 101.3kPA  | 7% O2             | 1 Hour           |
| Sulfuric acid mist and sulfur trioxide (as SO3)    | milligrams per cubic metre | 100                                | Dry, 273K, 101.3kPA  | 7% O2             | 1 Hour           |
| Nitrogen Oxides                                    | milligrams per cubic metre | 1500                               | Dry, 273K, 101.3kPA  | 7% O2             | 1 Hour           |
| Fluorine                                           | milligrams per cubic metre | 30                                 | Dry, 273K, 101.3kPA  | 7% O2             | 1 Hour           |
| Cadmium                                            | milligrams per cubic metre | 0.2                                | Dry, 273K, 101.3kPA  | 7% O2             | 1 Hour           |
| Sulfur dioxide                                     | milligrams per cubic metre | 1700                               | Dry, 273K, 101.3kPA  | 7% O2             | 1 Hour           |

L3.3 During calibration and commissioning testing of the Particulate Continuous Emission Monitors (Particulate CEMS) undertaken in accordance with condition E5.2, the limit for solid particles does not apply, however the concentration must not exceed the limits listed in the Protection of the Environment Operations (Clean Air) Regulation 2022.

L3.4 In addition to the concentration limits specified in condition L3.2, the following 99th percentile concentration limits apply for points 2 and 3 utilising the same units of measure, reference conditions, oxygen correction and averaging period as above for each pollutant listed below:  
a) nitrogen oxides: 1100 mg/m3; and



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b) sulfur dioxide: 1400 mg/m3.

- L3.5 For the purposes of conditions L3.2 and L3.4 of this licence:
- a) Nitrogen Oxides mean: Nitric Oxide (NO) or Nitrogen Dioxide (NO<sub>2</sub>) or both, as NO<sub>2</sub> equivalent; and
  - b) Fluorine means: fluorine and any compound containing fluorine, as total fluoride (as hydrogen fluoride equivalent).
- L3.6 Air impurity exceedances due to compliance with an Australian Energy Market Operator (AEMO) direction in accordance with section 74 of the Protection of the Environment Operations (Clean Air) Regulation 2022 do not count towards the accumulated hours for the purpose of calculating compliance with condition L3.4.
- L3.7 Water and/or Land Concentration Limits

## POINT 12

| Pollutant               | Units of Measure              | 50% Limit | 90% Limit | 97% Limit | 100 percentile concentration limit |
|-------------------------|-------------------------------|-----------|-----------|-----------|------------------------------------|
| Electrical conductivity | microsiemens per centimetre   |           |           |           | 500                                |
| 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 26

| Pollutant               | Units of Measure            | 50% Limit | 90% Limit | 97% Limit | 100 percentile concentration limit |
|-------------------------|-----------------------------|-----------|-----------|-----------|------------------------------------|
| Electrical conductivity | microsiemens per centimetre |           |           |           | 600                                |
| Oil and Grease          | milligrams per litre        |           |           |           | 10                                 |
| pH                      | pH                          |           |           |           | 6.5-8.5                            |
| Total suspended solids  | milligrams per litre        |           |           |           | 50                                 |



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|           |                                  |    |
|-----------|----------------------------------|----|
| Turbidity | nephelometric<br>turbidity units | 25 |
|-----------|----------------------------------|----|

- L3.8 Where a pH quality limit is specified in the table, the specified percentage of samples must be within the specified ranges.
- L3.9 To avoid any doubt, this condition does not authorise the pollution of waters by any pollutant other than those specified in the table's.
- L3.10 The concentration limits stipulated by condition L3.7 for EPA identification Point 12 are deemed not to apply when the discharge from the stormwater control structures (CHP sediment basin) occurs solely as a result of rainfall measured at the premises which exceeds:
- a) a total of 56 millimetres of rainfall over any consecutive 5 day period.

Note: A 56mm rainfall event is defined by the EPA endorsed publication "Managing urban stormwater: soils and construction" (Landcom 2004; 6-24) as the rainfall depth in millimetres for a 95th percentile 5 day rainfall event for "Lithgow" 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).

- L3.11 The concentration limit for total suspended solids stipulated by condition L3.7 for EPA identification Point 12 is deemed not to have been breached where:
- a) the water discharged is covered by condition L3.10; or
  - b) when not covered by condition L3.10, the water discharged (in accordance with licence conditions O5.1 and O5.2) is within the pH range 6.5-8.5 and has a turbidity of no more than 25 Nephelometric Turbidity Units (NTU) at the time of the discharge; and
  - c) the EPA is advised of the completion of the sample testing and analysis in accordance with condition R4.1.

Note: The purpose of condition L3.11 is to expediate the assessment and subsequent discharge of the clarified water from the stormwater control structures (sediment basins).

## L4 Volume and mass limits

- L4.1 For each discharge point or utilisation area specified below (by a point number), the volume/mass of:
- a) liquids discharged to water; or;
  - b) solids or liquids applied to the area;
- must not exceed the volume/mass limit specified for that discharge point or area.

| Point | Unit of Measure    | Volume/Mass Limit |
|-------|--------------------|-------------------|
| 12    | kilolitres         | -                 |
| 26    | megalitres per day | 115               |

## L5 Waste

- L5.1 The licensee must not cause, permit or allow any waste to be received at the premises, except the wastes



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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   | Excavated natural material        | To be used for the rehabilitation of the Mt Piper Ash Repository, Mt Piper Brine in Ash Repository and the Lamberts North Ash Repository as well as progressive landforming of these sites as part of rehabilitation works at the premises. | Capping of Ash Dam | Material to be generated from within the Bathurst and Lithgow local government areas only, or from other locations in New South Wales with approval from the relevant consent authority. |
| NA   | Virgin excavated natural material | To be used for the rehabilitation of the Mt Piper Ash Repository, Mt Piper Brine in Ash Repository and the Lamberts North Ash Repository as well as progressive landforming of these sites as part of rehabilitation works at the premises. | Capping of Ash Dam | Material to be generated from within the Bathurst and Lithgow local government areas only, or from other locations in New South Wales with approval from the relevant consent authority. |

- L5.2 The licensee must not cause, permit or allow any waste generated outside the premises to be received at the premises for storage, treatment, processing, reprocessing or disposal or any waste generated at the premises to be disposed of at the premises, except as expressly permitted by the licence.
- L5.3 Only the following types of waste generated at the premises may be disposed of at the premises:
- a) Ash
  - b) Mill pyrites
  - c) Demineralisation and polisher plant effluents
  - d) Chemical clean solutions
  - e) Cooling tower sediments
  - f) Ion exchange resins
  - g) Fabric filter bags
  - h) Brine conditioned fly ash
  - i) Biomass co-firing ash

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- j) Settling pond sediments
- k) Oil and grit trap sediments

L5.4 The wastes listed in condition L5.3 must only be disposed of to the ash disposal area at Mount Piper Power Station.

L5.5 The licensee is permitted to receive the following wastes generated outside the premises for storage, treatment, processing, reprocessing or disposal:

- a) Brine water (solid and liquid) from the Springvale Mine Water Treatment Facility.

## L6 Potentially offensive odour

L6.1 No condition in this licence identifies a potentially offensive odour for the purposes of section 129 of the Act.

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

## 4 Operating Conditions

### O1 Activities must be carried out in a competent manner

O1.1 Licensed activities must be carried out in a competent manner.

This includes:

- a) the processing, handling, movement and storage of materials and substances used to carry out the activity; and
- b) the treatment, storage, processing, reprocessing, transport and disposal of waste generated by the activity.

### 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 prevents or minimises the emission of dust from the premises.

O3.2 All operations and activities occurring at the premises must be carried out in a manner that prevents or

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minimises the emission of dust from the premises.

- O3.3 Trucks entering and leaving the premises that are carrying loads of materials which have the potential to cause emissions of dust must have their loads covered at all times, except during loading and unloading.

## O4 Emergency response

Note: The licensee must maintain, and implement as necessary, a current Pollution Incident Response Management Plan (PIRMP) for the premises in accordance with Part 5.7A of the Act and Chapter 4 of the Protection of the Environment Operations (General) Regulation 2022.

## O5 Other operating conditions

- O5.1 The licensee must undertake maintenance as necessary to desilt the storage basin identified at EPA identification Point 12 in order to retain the basins design storage capacity.
- O5.2 Water discharged to comply with condition O5.1 may only be discharged to waters from the stormwater control structure (sediment basin) identified at EPA identification Point 12 where the discharged water complies with the discharge limits stipulated at condition L3.7 (and taking into consideration condition L3.10).

### Permitted fuels for start up, combustion support and emergency firing of generator

- O5.3 Distillate, light fuel oils, heating oils and/or distillate refined oil blends may be used for start-up and combustion support in Boilers 1 and 2.
- O5.4 Distillate, light fuel oils, heating oils, and/or distillate refined oil blends may be used for firing the emergency diesel generator at the premises for the purposes of:
- a) providing black-start capability for the Mount Piper Power Station or at the direction of the AEMO; and
  - b) operating the emergency diesel generator up to a maximum of 200 hours per reporting period.
- O5.5 Distillate fuel used in the Mount Piper Power Station for start-up, combustion support and the firing of the emergency generator must comply with the Determination of Fuel Quality Standards (Automotive Diesel) 2019, made under section 21 of the Fuel Quality Standards Act 2000.

### Testing of coal fuel

- O5.6 The licensee must have in place a fuel testing program to collect and analyse a representative number of samples of as-fired coal in Boilers 1 and 2 on at least a monthly basis. At a minimum, the coal must be analysed for:
- a) ash content (%);
  - b) sulfur content (%);
  - c) chlorine content (mg/kg);
  - d) fluorine content (mg/kg);
  - e) type 1 and 2 substances content (mg/kg) (including mercury individually); and

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f) calorific value (MJ/kg).

O5.7 The Licensee must produce the information collected in accordance with the above condition to any authorised officer of the EPA on request.

Note: The EPA intends on reviewing the testing regime in condition O5.6 after 1 January 2025.

## Chemical storage

- O5.8 The licensee must store and handle all liquid chemicals and hazardous materials used at the premises within bunded areas that are constructed and maintained in accordance with the following:
- a) any relevant Australian Standards for the liquids being stored;
  - b) within a bunded area with a minimum bund capacity of 110% of the volume of the largest single stored vessel within the bund; and
  - c) the Storing and Handling Liquids: Environmental Protection Participant's Manual (DECC, 2007); and where any conflict exists between these requirements, the most stringent requirements apply.
- O5.9 For the purpose of the above condition, any tanks or other storage vessels that are interconnected and may distribute their contents either by gravity or automated pumps must be considered a single vessel.

## 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:



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## M2.2 Air Monitoring Requirements

### POINT 2,3

| Pollutant                                          | Units of measure           | Frequency      | Sampling Method |
|----------------------------------------------------|----------------------------|----------------|-----------------|
| Cadmium                                            | milligrams per cubic metre | Every 6 months | TM-38           |
| Chlorine                                           | milligrams per cubic metre | Every 6 months | TM-38           |
| Fluorine                                           | milligrams per cubic metre | Every 6 months | TM-38           |
| Hydrogen chloride                                  | milligrams per cubic metre | Every 6 months | TM-38           |
| Mercury                                            | milligrams per cubic metre | Every 6 months | TM-38           |
| Nitrogen Oxides                                    | milligrams per cubic metre | Continuous     | TM-38           |
| Solid Particles                                    | milligrams per cubic metre | Quarterly      | TM-38           |
| Sulfur dioxide                                     | milligrams per cubic metre | Continuous     | TM-38           |
| Sulfuric acid mist and sulfur trioxide (as SO3)    | milligrams per cubic metre | Every 6 months | TM-38           |
| Type 1 and Type 2 substances in aggregate          | milligrams per cubic metre | Every 6 months | TM-38           |
| volatile organic compounds as n-propane equivalent | milligrams per cubic metre | Every 6 months | TM-38           |

### POINT 4,5,6,7

| Pollutant                                 | Units of measure           | Frequency      | Sampling Method              |
|-------------------------------------------|----------------------------|----------------|------------------------------|
| Cadmium                                   | milligrams per cubic metre | Every 6 months | TM-12                        |
| Flow rate                                 | cubic metres per second    | Continuous     | CEM-6 and US EPA Procedure 1 |
| Mercury                                   | milligrams per cubic metre | Every 6 months | TM-14                        |
| Moisture                                  | percent                    | Continuous     | Special Method 1             |
| Nitrogen Oxides                           | milligrams per cubic metre | Continuous     | CEM-2 and US EPA Procedure 1 |
| Oxygen (O2)                               | percent                    | Continuous     | CEM-3 and US EPA Procedure 1 |
| Solid Particles                           | milligrams per cubic metre | Quarterly      | TM-15                        |
| Sulfur dioxide                            | milligrams per cubic metre | Continuous     | CEM-2 and US EPA Procedure 1 |
| Temperature                               | degrees Celsius            | Continuous     | TM-2 and US EPA Procedure 1  |
| Type 1 and Type 2 substances in aggregate | milligrams per cubic metre | Every 6 months | TM-12, TM-13 & TM-14         |



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**POINT 4,6**

| Pollutant                                          | Units of measure           | Frequency      | Sampling Method |
|----------------------------------------------------|----------------------------|----------------|-----------------|
| Carbon dioxide                                     | percent                    | Every 6 months | TM-24           |
| Chlorine                                           | milligrams per cubic metre | Every 6 months | TM-7            |
| Fluorine                                           | milligrams per cubic metre | Every 6 months | TM-9            |
| Hydrogen chloride                                  | milligrams per cubic metre | Every 6 months | TM-8            |
| Sulfuric acid mist and sulfur trioxide (as SO3)    | milligrams per cubic metre | Every 6 months | TM-3            |
| volatile organic compounds as n-propane equivalent | milligrams per cubic metre | Every 6 months | TM-34           |

**POINT 8**

| Pollutant | Units of measure           | Frequency  | Sampling Method |
|-----------|----------------------------|------------|-----------------|
| Fluoride  | micrograms per cubic metre | Continuous | AM-8            |

**POINT 8,9**

| Pollutant        | Units of measure           | Frequency  | Sampling Method  |
|------------------|----------------------------|------------|------------------|
| Nitrogen dioxide | parts per hundred million  | Continuous | AM-12            |
| PM2.5            | micrograms per cubic metre | Continuous | Special Method 2 |
| Sulfur dioxide   | parts per hundred million  | Continuous | AM-20            |

**POINT 10**

| Pollutant        | Units of measure          | Frequency | Sampling Method  |
|------------------|---------------------------|-----------|------------------|
| Nitrogen dioxide | parts per hundred million | Monthly   | Special Method 3 |
| Sulfur dioxide   | parts per hundred million | Monthly   | Special Method 3 |

- M2.3 For the purpose of condition M2.2:
- a) Every 6 months means: a minimum of two sampling events per reporting period, at approximately 6 monthly intervals and occurring no less than 3 months apart;
  - b) Quarterly means: a minimum of four sampling events per reporting period, at approximately 3 monthly intervals and occurring no less than 1 month apart;
  - c) Special method 1 means: any moisture monitoring method approved in writing by the EPA. The monitoring method and data must be quality assured on an ongoing basis in accordance with US EPA Procedure 1.
  - d) Moisture is taken to mean H2O expressed as a % (v/v).
  - e) Special method 2 means: measurement of PM2.5 by the Beta Attenuation Monitor in accordance with AS3580.9.12; and
  - f) Special method 3 means: CSIRO Method 1 (see DOC20/509698) for the measurement of Nitrogen



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Dioxide and Sulphur Dioxide at EPA ID Point 10.

M2.4 For the purpose of condition M2.2 of this licence, the requirement to install, commission and continuously monitor for flow rate at points 4, 5, 6 and 7 does not take effect until 6 months after the date of the next scheduled outage for Unit 1 and Unit 2.

Note: The EPA may consider a proposal for an extension to this timeframe if it can be adequately demonstrated that additional time is required to install and commission the requisite monitoring equipment. A request for an extension under this condition may be based on 1) alignment with scheduled plant maintenance shutdowns; and 2) avoidance of significant disruption to NSW electricity supply.

M2.5 For ambient air monitoring Points 8 and 9 the recording of results and their reporting in the Annual Return must include “averaging periods” as follows:

- a) nitrogen dioxide: averaging periods of one hour and annual;
- b) sulfur dioxide: averaging periods of one hour, 24 hour and annual;
- c) PM2.5: averaging periods of 24 hour and annual; and
- d) fluoride: averaging periods of 7 days, 30 days and 90 days.

M2.6 Water and/ or Land Monitoring Requirements

**POINT 12**

| Pollutant               | Units of measure              | Frequency                | Sampling Method |
|-------------------------|-------------------------------|--------------------------|-----------------|
| Electrical conductivity | microsiemens per centimetre   | Monthly during discharge | Grab sample     |
| Oil and Grease          | milligrams per litre          | Monthly during discharge | Grab sample     |
| pH                      | pH                            | Monthly during discharge | Grab sample     |
| Total suspended solids  | milligrams per litre          | Monthly during discharge | Grab sample     |
| Turbidity               | nephelometric turbidity units | Monthly during discharge | Grab sample     |

**POINT 13,14,15,16,17,18,19,20,21**

| Pollutant                         | Units of measure     | Frequency | Sampling Method       |
|-----------------------------------|----------------------|-----------|-----------------------|
| Alkalinity (as calcium carbonate) | milligrams per litre | Quarterly | Representative sample |
| Aluminium                         | milligrams per litre | Quarterly | Representative sample |
| Ammonia                           | milligrams per litre | Quarterly | Representative sample |
| Antimony                          | milligrams per litre | Quarterly | Representative sample |
| Arsenic                           | milligrams per litre | Quarterly | Representative sample |
| Barium                            | milligrams per litre | Quarterly | Representative sample |
| Beryllium                         | milligrams per litre | Quarterly | Representative sample |
| Bicarbonate alkalinity            | milligrams per litre | Quarterly | Representative sample |

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|                                       |                             |           |                       |
|---------------------------------------|-----------------------------|-----------|-----------------------|
| Boron                                 | milligrams per litre        | Quarterly | Representative sample |
| Cadmium                               | milligrams per litre        | Quarterly | Representative sample |
| Calcium                               | milligrams per litre        | Quarterly | Representative sample |
| Carbonate                             | milligrams per litre        | Quarterly | Representative sample |
| Chloride                              | milligrams per litre        | Quarterly | Representative sample |
| Chromium                              | milligrams per litre        | Quarterly | Representative sample |
| Chromium (hexavalent)                 | milligrams per litre        | Quarterly | Representative sample |
| Chromium (trivalent)                  | milligrams per litre        | Quarterly | Representative sample |
| Cobalt                                | milligrams per litre        | Quarterly | Representative sample |
| Copper                                | milligrams per litre        | Quarterly | Representative sample |
| Dissolved Oxygen                      | milligrams per litre        | Quarterly | Representative sample |
| Electrical conductivity               | microsiemens per centimetre | Quarterly | Representative sample |
| Iron                                  | milligrams per litre        | Quarterly | Representative sample |
| Lead                                  | milligrams per litre        | Quarterly | Representative sample |
| Magnesium                             | milligrams per litre        | Quarterly | Representative sample |
| Manganese                             | milligrams per litre        | Quarterly | Representative sample |
| Mercury                               | milligrams per litre        | Quarterly | Representative sample |
| Molybdenum                            | milligrams per litre        | Quarterly | Representative sample |
| Nickel                                | milligrams per litre        | Quarterly | Representative sample |
| Nitrate                               | milligrams per litre        | Quarterly | Representative sample |
| Nitrate + nitrite (oxidised nitrogen) | milligrams per litre        | Quarterly | Representative sample |
| Nitrite                               | milligrams per litre        | Quarterly | Representative sample |
| pH                                    | pH                          | Quarterly | Representative sample |
| Potassium                             | milligrams per litre        | Quarterly | Representative sample |
| Selenium                              | milligrams per litre        | Quarterly | Representative sample |
| Silver                                | milligrams per litre        | Quarterly | Representative sample |
| Sodium                                | milligrams per litre        | Quarterly | Representative sample |
| Standing Water Level                  | metres                      | Quarterly | In situ               |
| Sulfate                               | milligrams per litre        | Quarterly | Representative sample |
| Sulfur                                | milligrams per litre        | Quarterly | Representative sample |
| Total dissolved solids                | milligrams per litre        | Quarterly | Representative sample |
| Vanadium                              | milligrams per litre        | Quarterly | Representative sample |
| Zinc                                  | milligrams per litre        | Quarterly | Representative sample |

## POINT 22,23,24,25

| Pollutant                         | Units of measure     | Frequency | Sampling Method |
|-----------------------------------|----------------------|-----------|-----------------|
| Alkalinity (as calcium carbonate) | milligrams per litre | Monthly   | Grab sample     |
| Aluminium                         | milligrams per litre | Monthly   | Grab sample     |
| Ammonia                           | milligrams per litre | Monthly   | Grab sample     |
| Antimony                          | milligrams per litre | Monthly   | Grab sample     |
| Arsenic                           | milligrams per litre | Monthly   | Grab sample     |
| Barium                            | milligrams per litre | Monthly   | Grab sample     |



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|                                       |                             |         |             |
|---------------------------------------|-----------------------------|---------|-------------|
| Beryllium                             | milligrams per litre        | Monthly | Grab sample |
| Bicarbonate alkalinity                | milligrams per litre        | Monthly | Grab sample |
| Boron                                 | milligrams per litre        | Monthly | Grab sample |
| Cadmium                               | milligrams per litre        | Monthly | Grab sample |
| Calcium                               | milligrams per litre        | Monthly | Grab sample |
| Chloride                              | milligrams per litre        | Monthly | Grab sample |
| Chromium                              | milligrams per litre        | Monthly | Grab sample |
| Cobalt                                | milligrams per litre        | Monthly | Grab sample |
| Copper                                | milligrams per litre        | Monthly | Grab sample |
| Dissolved Oxygen                      | milligrams per litre        | Monthly | Grab sample |
| Electrical conductivity               | microsiemens per centimetre | Monthly | Grab sample |
| Iron                                  | milligrams per litre        | Monthly | Grab sample |
| Lead                                  | milligrams per litre        | Monthly | Grab sample |
| Magnesium                             | milligrams per litre        | Monthly | Grab sample |
| Manganese                             | milligrams per litre        | Monthly | Grab sample |
| Mercury                               | milligrams per litre        | Monthly | Grab sample |
| Molybdenum                            | milligrams per litre        | Monthly | Grab sample |
| Nickel                                | milligrams per litre        | Monthly | Grab sample |
| Nitrate                               | milligrams per litre        | Monthly | Grab sample |
| Nitrate + nitrite (oxidised nitrogen) | milligrams per litre        | Monthly | Grab sample |
| Nitrite                               | milligrams per litre        | Monthly | Grab sample |
| pH                                    | pH                          | Monthly | Grab sample |
| Potassium                             | milligrams per litre        | Monthly | Grab sample |
| Selenium                              | milligrams per litre        | Monthly | Grab sample |
| Silver                                | milligrams per litre        | Monthly | Grab sample |
| Sodium                                | milligrams per litre        | Monthly | Grab sample |
| Sulfate                               | milligrams per litre        | Monthly | Grab sample |
| Sulfur                                | milligrams per litre        | Monthly | Grab sample |
| Total dissolved solids                | milligrams per litre        | Monthly | Grab sample |
| Vanadium                              | milligrams per litre        | Monthly | Grab sample |
| Zinc                                  | milligrams per litre        | Monthly | Grab sample |

**POINT 26**

| Pollutant               | Units of measure              | Frequency                   | Sampling Method |
|-------------------------|-------------------------------|-----------------------------|-----------------|
| Electrical conductivity | microsiemens per centimetre   | Weekly during any discharge | Grab sample     |
| Oil and Grease          | milligrams per litre          | Weekly during any discharge | Grab sample     |
| pH                      | pH                            | Weekly during any discharge | Grab sample     |
| Total suspended solids  | milligrams per litre          | Weekly during any discharge | Grab sample     |
| Turbidity               | nephelometric turbidity units | Weekly during any discharge | Grab sample     |



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**POINT 27**

| Pollutant               | Units of measure              | Frequency | Sampling Method |
|-------------------------|-------------------------------|-----------|-----------------|
| Electrical conductivity | microsiemens per centimetre   | Weekly    | Grab sample     |
| Oil and Grease          | milligrams per litre          | Weekly    | Grab sample     |
| pH                      | pH                            | Weekly    | Grab sample     |
| Total suspended solids  | milligrams per litre          | Weekly    | Grab sample     |
| Turbidity               | nephelometric turbidity units | Weekly    | Grab sample     |

**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.

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

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

**M4 Testing methods - load limits**

Note: Division 4 of the *Protection of the Environment Operations (General) Regulation 2022* requires that monitoring of actual loads of assessable pollutants listed in L2.2 must be carried out in accordance with the relevant load calculation protocol set out for the fee-based activity classification listed in the Administrative Conditions of this licence.

**M5 Weather monitoring**

- M5.1 At the point(s) identified below, the licensee must monitor (by sampling and obtaining results by analysis) the parameters specified in Column 1 of the table below, using the corresponding sampling method, units of measure, averaging period and sampling frequency, specified opposite in the Columns 2, 3, 4 and 5 respectively.



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## POINT 11

| Parameter                   | Sampling method | Units of measure                                 | Averaging period | Frequency  |
|-----------------------------|-----------------|--------------------------------------------------|------------------|------------|
| Rainfall                    | AM-4            | millimetres                                      | 1 hour           | Continuous |
| Wind Speed at 10 metres     | AM-2 & AM-4     | metres per second                                | 15 minutes       | Continuous |
| Wind Direction at 10 metres | AM-2 & AM-4     | Degrees in a clockwise direction from True North | 15 minutes       | Continuous |
| Sigma theta                 | AM-2 & AM-4     | Degrees in a clockwise direction from True North | 15 minutes       | Continuous |
| Temperature at 2 metres     | AM-4            | degrees Celsius                                  | 15 minutes       | Continuous |
| Total Solar Radiation       | AM-4            | Watts per square metre                           | 15 minutes       | Continuous |
| Siting                      | AM-2 & 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.



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M7.4 For the purpose of condition M7.1, operating hours are defined as twenty four hours a day, seven days a week.

## 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 12

| Frequency                   | Unit of Measure    | Sampling Method                  |
|-----------------------------|--------------------|----------------------------------|
| Continuous during discharge | kilolitres per day | Flow meter and continuous logger |

### POINT 26

| Frequency                  | Unit of Measure    | Sampling Method       |
|----------------------------|--------------------|-----------------------|
| Daily during any discharge | megalitres per day | Ultrasonic flow meter |

## M9 Other monitoring and recording conditions

### Coal Ash Monitoring

M9.1 For each licence reporting period, the licensee must monitor and record the following details regarding generation, deposition, storage, transport and reuse of coal ash generated at the premises:

- a) Quantity of coal used for electricity generation at the premises;
- b) Quantity of bottom ash; and quantity of fly ash, generated at the premises and the grade of fly ash produced (if the grade is known);
- c) Quantity of bottom ash; and quantity of fly ash, deposited, and/or stored at the premises with a description of how it is stored and the processes for managing the storage;
- d) Quantity of bottom ash; and quantity of fly ash, transported from the premises together with identification of the destination; and
- e) Management measures used for coal ash repositories on the premises to maintain the viability of ash reuse, including identification of any other materials being stored concurrently with newly deposited coal ash.

Quantities are to be reported in tonnes.

Note: The collection and reporting of information required by the above condition does not come into effect until three months after the issued date of this licence version to allow the licensee to put in place the relevant systems required to meet the condition.

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## 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 Where the licensee is unable to complete a part of the Annual Return by the due date because the licensee was unable to calculate the actual load of a pollutant due to circumstances beyond the licensee's control, the licensee must notify the EPA in writing as soon as practicable, and in any event not later than the due date. The notification must specify:

- a) the assessable pollutants for which the actual load could not be calculated; and
- b) the relevant circumstances that were beyond the control of the licensee.

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- R1.7 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.
- R1.8 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.

## Annual Air Emission Monitoring Report

- R1.9 The licensee must submit with the Annual Return an Annual Air Emission Monitoring Report. The Annual Air Emission Monitoring Report must analyse and summarise emission monitoring data from the reporting period including, but not limited to:
- a) a comprehensive summary (tabulated and graphical) of all periodic and continuous monitoring data as required by condition M2.2 of this licence, including a comparison with the concentration limits specified in condition L3.2 and L3.3;
  - b) analysis of trends in emission performance for all pollutants monitored as required under condition M2.2. Trend analysis must include comparison of emission performance during the reporting period with emission performance from the previous 4 years;
  - c) details of any exceedances of air emission licence limits and details of plant operating conditions at the times the exceedances occurred;
  - d) details of plant operating conditions, including Boiler load (MW), during sampling for each Boiler;
  - e) demonstrated compliance with the CEMS Quality Assurance and Control Procedures prepared for the premises;
  - f) summary of fuel usage, including:
    - i. total coal and other permitted fuels consumed in each Boiler (including start-up);
    - ii. a statement about the representativeness of fuel quality during periodic air emission sampling compared to non-sampling periods;
    - iii. total fuel consumed by each Boiler during times when periodic air emission sampling was undertaken;
 and
  - g) detailed calculations used to determine the aggregated pollutant emission rates for each boiler.

## R2 Notification of environmental harm

- R2.1 Notifications must be made by telephoning the Environment Line service on 131 555.
- R2.2 The licensee must provide written details of the notification to the EPA within 7 days of the date on which they became aware of the incident.

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

## R3 Written report

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

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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 Other reporting conditions

R4.1 The licensee must notify the EPA of any exceedances of emission or concentration discharge limits included as a condition of this licence in accordance with condition R2.1 no later than 5 days after becoming aware of any exceedance.

R4.2 Within 20 days of the notification made in accordance with condition R4.1, the licensee must provide a report to the EPA at [info@epa.nsw.gov.au](mailto:info@epa.nsw.gov.au) that includes, as a minimum, the following details:

- a) the date and time the exceedance occurred;
- b) the nature of the exceedance (i.e. the pollutants involved);
- c) the duration of the exceedance;
- d) plant operating conditions at the time of the exceedance;
- e) the cause of the exceedance;
- f) the remedial/corrective actions taken at the time the exceedance was made known; and
- g) the actions taken and/or future actions to be taken, to prevent exceedances of a similar nature occurring in the future.

R4.3 The licensee must notify the EPA at [info@epa.nsw.gov.au](mailto:info@epa.nsw.gov.au) of the date of any periodic air emission sampling (stack testing) to be undertaken to satisfy a monitoring condition of this licence at least 7 days prior to the stack testing being carried out. If the licensee must delay the test due to unforeseen circumstances beyond the licensee's control, the EPA must be notified immediately of the delay at the email address contained in

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this condition once the delay is identified and specify the date when the stack testing is to be undertaken.

## Coal Ash Monitoring Reporting

- R4.4 The licensee must prepare an Annual Coal Ash Monitoring Report that details information required under condition M9.1 in respect of generation, deposition, storage, transport and reuse of coal ash generated at the premises for each Annual Return reporting period.
- R4.5 By no later than 31 October of each year, the licensee must make the Annual Coal Ash Monitoring Report required by condition R4.4 publicly and prominently available on its website.
- R4.6 By no later 31 October of each year, the licensee must send a copy of the Annual Coal Ash Monitoring Report required by condition R4.4 to the EPA at [info@epa.nsw.gov.au](mailto:info@epa.nsw.gov.au).

## 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.

### G3 Signage



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- G3.1 Each monitoring and discharge point must be clearly marked by a sign that indicates the point identification number used in this licence and be located as close as practical to the point.
- G3.2 The condition above does not apply to any background or ambient monitoring points.

## G4 Other general conditions

### G4.1 Completed Programs

| Program                | Description                                    | Completed Date |
|------------------------|------------------------------------------------|----------------|
| Dioxin and Furan Study | Assess emissions to air of Dioxins and Furans. | 28-June-2019   |

## 8 Pollution Studies and Reduction Programs

### U1 Coal Ash Repository Water Sampling Program

- U1.1 The licensee must implement the Coal Ash Repository Water Sampling Program detailed in the report titled "Mt Piper Power Station: Coal Ash Repository Water Sampling Program", prepared by Environmental Resources Management Australia Pty Ltd, dated 23 September 2022 (EPA reference DOC22/848750).
- U1.2 By 24 February 2024, the licensee must prepare, and provide to the EPA, a Coal Ash Repository Water Characterisation Report (Water Characterisation Report) that details the findings of the Coal Ash Repository Water Sampling Program required under PRS U1. The water Characterisation Report must:
  - a) be prepared by a suitably qualified and experienced person/s and in consultation with the EPA;
  - b) include all sampling results and summary statistics;
  - c) include, as a separate electronic attachment, an Excel spreadsheet file of all results. This file must provide results in long format, with sampling dates as row labels and analytes as column labels;
  - d) screen sampling results for pollutants of concern with reference to relevant guidelines including the Australian and New Zealand Guidelines for Fresh and Marine Water Quality (ANZG, 2018). (Where no ANZG [2018] guideline value exists, relevant benchmark values from other sources, including other guidelines, scientific literature and grey literature, should be used.
  - e) identify all potential pollutants of concern in the ash water.

The Water Characterisation Report must be provided to the EPA by email to [info@epa.nsw.gov.au](mailto:info@epa.nsw.gov.au).

## 9 Special Conditions

### E1 Site Specific Air Emission Monitoring Plan

- E1.1 The licensee must implement and maintain a Site Specific Air Emission Monitoring Plan which includes the following:
  - a) identify monitoring and discharge points;

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- b) detailed description of the operational measures used for ensuring the representativeness of emission measurements during monitoring including any procedures relating to pre-test planning, setting operating conditions and process data collection and recording;
- c) detailed description of sampling methodology and test procedures;
- d) description of any deviation from the relevant test methods, including analysis of the likely effect of any deviation on the final sampling and test results;
- e) detailed description of quality assurance and quality control procedures used for collecting, verifying and reporting emission test data;
- f) identify responsible personnel and roles; and
- g) specify governance/version control, review and updating procedures for the plan.
- h) a detailed methodology and all supporting calculations used to determine the aggregated emission concentration for each pollutant listed in condition M2.2 at the discharge point for each boiler. All calculations must, at a minimum, meet the requirements of TM-38.

## E2 Continuous Emissions Monitoring Systems Quality Assurance and Control Procedures

- E2.1 The licensee must implement and maintain a CEMS quality assurance (QA) and quality control (QC) procedure which enables the evaluation of the quality of data produced by any CEMS monitoring required by conditions of this licence. As a minimum, the CEMS QA/QC procedure must describe in detail the following:
- a) calibration and adjustment measures;
  - b) preventive maintenance measures (including spare parts inventory);
  - c) data handling, recording and calculation procedures;
  - d) processes for evaluating, verifying and reporting monitoring data;
  - e) accuracy audit measures including sampling and analysis methods;
  - f) fault identification and corrective action measures; and
  - g) process for ongoing review and evaluation of the effectiveness of the CEMS QA/QC procedures

## E3 Air Pollution Control Equipment - Maintenance, Operation and Fault Response Procedure

- E3.1 The licensee must implement and maintain an air pollution control equipment - maintenance, operation and fault response procedure. The procedure must include:
- a) procedures for routine operations including equipment start-up and shut-down;
  - b) procedures for routine and non-routine inspections and maintenance;
  - c) procedures for faults and failure response and emergency situations;
  - d) spare parts inventory;
  - e) reporting and training procedures;
  - f) planning, reporting, record keeping and tracking systems;
  - g) process for ongoing review and evaluating air pollution control equipment - maintenance, operation and fault response procedure, and
  - h) verification procedures incorporating performance indicators and benchmarks relating to:
    - i. performance monitoring;
    - ii. operational efficiency; and
    - iii. data quality

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## E4 Continuous Particle Matter Monitoring Feasibility and Installation Report

Note: The EPA is currently evaluating an industry-wide consistent approach to the licensing requirements for PM-CEMS. The EPA intends on varying all coal-fired power station licences in due course to include consistent monitoring requirements to become in-force as each station's PM-CEMS are commissioned.

## E5 Toxicity Assessment of Dust Suppressants

- E5.1 The licensee must undertake and report on ecotoxicological testing of any dust suppressants used at/on the Mount Piper Power Station Ash Repositories (and any other localities at the premises where a dust suppressant is used) in accordance with the following:
- a) be undertaken by a suitably qualified practitioner;
  - b) identification of all dust suppressants used at the premises;
  - c) identification of all constituent ingredients and attachment of product specifications and Safety Data Sheets;
  - d) identification of relevant national Water Quality Guidelines (ANZG, 2018);
  - e) details of toxicology methodology which must include assessment of toxicology impacts to both aquatic plants (e.g. duckweed test) and aquatic species (e.g. algae, daphnia, hydra, rainbowfish and shrimp);
  - f) details of assessment results and attachment of raw results and reports;
  - g) assessment of whether constituent ingredients are present in any discharged waters from the Mount Piper Power Station Ash Repositories (or any other relevant discharges) and if so, assessment of concentrations;
  - h) assessment of any offsite impacts; and
  - i) any recommendations to prevent offsite discharges and mitigate any offsite impacts.
- E5.2 The licensee must provide a methodology to address condition E5.1 above to the EPA at [info@epa.nsw.gov.au](mailto:info@epa.nsw.gov.au) within 2 months of commencing use of any dust suppressants.
- E5.3 The licensee must provide a dust suppressant toxicity assessment report as required by conditions E5.1 and E5.2 of this licence to the EPA at [info@epa.nsw.gov.au](mailto:info@epa.nsw.gov.au) within 12 months of commencing use of any dust suppressants.

## E6 Dust Management Plan

- E6.1 The licensee must implement and maintain a dust management plan that incorporates a Trigger Action Response Plan (TARP). The dust management plan must consider all reasonable and feasible actions to minimise or prevent dust from ash repositories and other areas on the Premises, including: appropriate proactive and reactive trigger levels to investigate and implement actions; key personnel responsibilities; reporting; and a process for review and improvement of the effectiveness of the dust management plan.
- E6.2 The requirements for the above condition do not come into force until four months after the issue date of the licence version to allow the licensee to make any amendments to their current dust management plan to comply with the condition.

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## E7 Fuel testing program report

- E7.1 The licensee must submit to the EPA an as-fired coal (fuel) testing program report that summarises the data collected in accordance with condition O5.6, and must include the following:
- a) The lowest, mean and highest sample results for each parameter analysed;
  - b) A graphical trend analysis for each parameter analysed over the past three Annual Return periods (where data is available); and
  - c) Any other information the licensee may consider pertinent to the data provided.
- E7.2 The licensee must provide the coal (fuel) testing program report required in the condition above to the EPA in writing to [info@epa.nsw.gov.au](mailto:info@epa.nsw.gov.au) by no later than 1 December 2023 and routinely thereafter every three months from this date.

Note: The EPA intends on reviewing the reporting regime in the above condition after 1 January 2025, including the option for annual reporting within the air emissions monitoring report required by the licence.

## E8 Emergency discharge

- E8.1 The Licensee is permitted to temporarily release water from Thompsons Creek Reservoir (TCR) via the Pipers Flat emergency release outlet valve until the Low Operating Level (LOL) is reached. The temporary release commences 1 November 2023 for a 30 consecutive day period, or until safe operating levels are able to be maintained in TCR as required by the Dam Safety Act 2015, and as otherwise approved by the EPA in writing, subject to the conditions of this licence.
- E8.2 At the completion of the emergency release the licensee is required to submit a report to the EPA. The report must include details regarding the volume of water released from the emergency discharge valve. the quality of the water released, any potential impacts to the receiving environment along with any other relevant observations, for example geomorphological impacts. The report must be submitted to the EPA by 31 December 2023.



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## Dictionary

### General Dictionary

|                                                    |                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>3DGM [in relation to a concentration limit]</b> | 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 |
| <b>Act</b>                                         | Means the Protection of the Environment Operations Act 1997                                                                                                                                                                                                                                                                                                                  |
| <b>activity</b>                                    | Means a scheduled or non-scheduled activity within the meaning of the Protection of the Environment Operations Act 1997                                                                                                                                                                                                                                                      |
| <b>actual load</b>                                 | Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009                                                                                                                                                                                                                                                                            |
| <b>AM</b>                                          | 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> .                                                                                                                                                                                 |
| <b>AMG</b>                                         | Australian Map Grid                                                                                                                                                                                                                                                                                                                                                          |
| <b>anniversary date</b>                            | 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.                            |
| <b>annual return</b>                               | Is defined in R1.1                                                                                                                                                                                                                                                                                                                                                           |
| <b>Approved Methods Publication</b>                | Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009                                                                                                                                                                                                                                                                            |
| <b>assessable pollutants</b>                       | Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009                                                                                                                                                                                                                                                                            |
| <b>BOD</b>                                         | Means biochemical oxygen demand                                                                                                                                                                                                                                                                                                                                              |
| <b>CEM</b>                                         | 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> .                                                                                                                                                                          |
| <b>COD</b>                                         | Means chemical oxygen demand                                                                                                                                                                                                                                                                                                                                                 |
| <b>composite sample</b>                            | 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.                                                                                                                                                                                               |
| <b>cond.</b>                                       | Means conductivity                                                                                                                                                                                                                                                                                                                                                           |
| <b>environment</b>                                 | Has the same meaning as in the Protection of the Environment Operations Act 1997                                                                                                                                                                                                                                                                                             |
| <b>environment protection legislation</b>          | Has the same meaning as in the Protection of the Environment Administration Act 1991                                                                                                                                                                                                                                                                                         |
| <b>EPA</b>                                         | Means Environment Protection Authority of New South Wales.                                                                                                                                                                                                                                                                                                                   |
| <b>fee-based activity classification</b>           | Means the numbered short descriptions in Schedule 1 of the Protection of the Environment Operations (General) Regulation 2009.                                                                                                                                                                                                                                               |
| <b>general solid waste (non-putrescible)</b>       | Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997                                                                                                                                                                                                                                                                     |

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|                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>flow weighted composite sample</b>                                | Means a sample whose composites are sized in proportion to the flow at each composites time of collection.                                                                                                                                                                                                                                                                                                               |
| <b>general solid waste (putrescible)</b>                             | Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997                                                                                                                                                                                                                                                                                                                 |
| <b>grab sample</b>                                                   | Means a single sample taken at a point at a single time                                                                                                                                                                                                                                                                                                                                                                  |
| <b>hazardous waste</b>                                               | Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997                                                                                                                                                                                                                                                                                                                 |
| <b>licensee</b>                                                      | Means the licence holder described at the front of this licence                                                                                                                                                                                                                                                                                                                                                          |
| <b>load calculation protocol</b>                                     | Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009                                                                                                                                                                                                                                                                                                                        |
| <b>local authority</b>                                               | Has the same meaning as in the Protection of the Environment Operations Act 1997                                                                                                                                                                                                                                                                                                                                         |
| <b>material harm</b>                                                 | Has the same meaning as in section 147 Protection of the Environment Operations Act 1997                                                                                                                                                                                                                                                                                                                                 |
| <b>MBAS</b>                                                          | Means methylene blue active substances                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Minister</b>                                                      | Means the Minister administering the Protection of the Environment Operations Act 1997                                                                                                                                                                                                                                                                                                                                   |
| <b>mobile plant</b>                                                  | Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997                                                                                                                                                                                                                                                                                                                 |
| <b>motor vehicle</b>                                                 | Has the same meaning as in the Protection of the Environment Operations Act 1997                                                                                                                                                                                                                                                                                                                                         |
| <b>O&amp;G</b>                                                       | Means oil and grease                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>percentile [in relation to a concentration limit of a sample]</b> | 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.                                                                                                                         |
| <b>plant</b>                                                         | Includes all plant within the meaning of the Protection of the Environment Operations Act 1997 as well as motor vehicles.                                                                                                                                                                                                                                                                                                |
| <b>pollution of waters [or water pollution]</b>                      | Has the same meaning as in the Protection of the Environment Operations Act 1997                                                                                                                                                                                                                                                                                                                                         |
| <b>premises</b>                                                      | Means the premises described in condition A2.1                                                                                                                                                                                                                                                                                                                                                                           |
| <b>public authority</b>                                              | Has the same meaning as in the Protection of the Environment Operations Act 1997                                                                                                                                                                                                                                                                                                                                         |
| <b>regional office</b>                                               | Means the relevant EPA office referred to in the Contacting the EPA document accompanying this licence                                                                                                                                                                                                                                                                                                                   |
| <b>reporting period</b>                                              | 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. |
| <b>restricted solid waste</b>                                        | Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997                                                                                                                                                                                                                                                                                                                 |
| <b>scheduled activity</b>                                            | Means an activity listed in Schedule 1 of the Protection of the Environment Operations Act 1997                                                                                                                                                                                                                                                                                                                          |
| <b>special waste</b>                                                 | Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997                                                                                                                                                                                                                                                                                                                 |
| <b>TM</b>                                                            | 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 Darryl Clift

Environment Protection Authority

(By Delegation)

Date of this edition: 01-January-2009



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| End Notes |                                                                                                                  |
|-----------|------------------------------------------------------------------------------------------------------------------|
| 1         | Licence varied by correction to Load Limits table, issued on 07-Jan-2009, which came into effect on 07-Jan-2009. |
| 2         | Licence varied by notice 1110821, issued on 21-Jan-2010, which came into effect on 21-Jan-2010.                  |
| 3         | Licence varied by notice 1118174, issued on 20-Aug-2010, which came into effect on 20-Aug-2010.                  |
| 4         | Licence varied by notice 1516460 issued on 19-Aug-2013                                                           |
| 5         | Licence transferred through application 1516748 approved on 29-Aug-2013 , which came into effect on 02-Sep-2013  |
| 6         | Licence varied by notice 1518361 issued on 21-Nov-2013                                                           |
| 7         | Licence format updated on 09-Jan-2015                                                                            |
| 8         | Licence varied by notice 1529453 issued on 29-Jun-2015                                                           |
| 9         | Licence varied by notice 1556424 issued on 20-Dec-2017                                                           |
| 10        | Licence varied by notice 1568716 issued on 23-Aug-2018                                                           |
| 11        | Licence varied by notice 1569404 issued on 23-Jan-2019                                                           |
| 12        | Licence varied by notice 1575254 issued on 29-Jan-2019                                                           |
| 13        | Licence format updated on 30-Apr-2019                                                                            |
| 14        | Licence varied by notice 1580740 issued on 07-Jun-2019                                                           |
| 15        | Licence varied by notice 1586399 issued on 23-Jul-2020                                                           |
| 16        | Licence format updated on 17-Aug-2020                                                                            |
| 17        | Licence varied by notice 1610425 issued on 02-Dec-2021                                                           |
| 18        | Licence varied by notice 1615214 issued on 03-Feb-2022                                                           |
| 19        | Licence varied by notice 1617614 issued on 04-Apr-2022                                                           |
| 20        | Licence varied by notice 1624428 issued on 18-Nov-2022                                                           |
| 21        | Licence varied by notice 1625302 issued on 16-Dec-2022                                                           |
| 22        | Licence varied by notice 1625831 issued on 27-Jan-2023                                                           |
| 23        | Licence varied by notice 1626690 issued on 06-Mar-2023                                                           |
| 24        | Licence varied by notice 1633970 issued on 18-Oct-2023                                                           |
| 25        | Licence varied by notice 1633996 issued on 19-Oct-2023                                                           |
| 26        | Licence varied by notice 1634053 issued on 01-Nov-2023                                                           |



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27 Licence varied by notice 1636951 issued on 01-Mar-2024