

# Environment Protection Licence

Licence - 759

<b><u>Licence Details</u></b>	
Number:	759
Anniversary Date:	01-January

<b><u>Licensee</u></b>
GENERATOR PROPERTY MANAGEMENT PTY LIMITED
PO BOX 132
BUDGEWOI NSW 2262

<b><u>Premises</u></b>
MUNMORAH POWER STATION
OFF SCENIC DRIVE
DOYALSON NSW 2262

<b><u>Scheduled Activity</u></b>
N/A

<b><u>Fee Based Activity</u></b>	<b><u>Scale</u></b>
Miscellaneous licensed discharge to waters (at any time)	> 1000 ML maximum annual volume of discharge authorised

<b><u>Contact Us</u></b>
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PARRAMATTA NSW 2150
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## **Information about this licence**

### **Dictionary**

A definition of terms used in the licence can be found in the dictionary at the end of this licence.

### **Responsibilities of licensee**

Separate to the requirements of this licence, general obligations of licensees are set out in the Protection of the Environment Operations Act 1997 ("the Act") and the Regulations made under the Act. These include obligations to:

- ensure persons associated with you comply with this licence, as set out in section 64 of the Act;
- control the pollution of waters and the pollution of air (see for example sections 120 - 132 of the Act);
- report incidents causing or threatening material environmental harm to the environment, as set out in Part 5.7 of the Act.

### **Variation of licence conditions**

The licence holder can apply to vary the conditions of this licence. An application form for this purpose is available from the EPA.

The EPA may also vary the conditions of the licence at any time by written notice without an application being made.

Where a licence has been granted in relation to development which was assessed under the Environmental Planning and Assessment Act 1979 in accordance with the procedures applying to integrated development, the EPA may not impose conditions which are inconsistent with the development consent conditions until the licence is first reviewed under Part 3.6 of the Act.

### **Duration of licence**

This licence will remain in force until the licence is surrendered by the licence holder or until it is suspended or revoked by the EPA or the Minister. A licence may only be surrendered with the written approval of the EPA.

### **Licence review**

The Act requires that the EPA review your licence at least every 5 years after the issue of the licence, as set out in Part 3.6 and Schedule 5 of the Act. You will receive advance notice of the licence review.

### **Fees and annual return to be sent to the EPA**

For each licence fee period you must pay:

- an administrative fee; and
- a load-based fee (if applicable).



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The EPA publication “A Guide to Licensing” contains information about how to calculate your licence fees. The licence requires that an Annual Return, comprising a Statement of Compliance and a summary of any monitoring required by the licence (including the recording of complaints), be submitted to the EPA. The Annual Return must be submitted within 60 days after the end of each reporting period. See condition R1 regarding the Annual Return reporting requirements.

Usually the licence fee period is the same as the reporting period.

**Transfer of licence** The licence holder can apply to transfer the licence to another person. An application form for this purpose is available from the EPA.

### **Public register and access to monitoring data**

Part 9.5 of the Act requires the EPA to keep a public register of details and decisions of the EPA in relation to, for example:

- licence applications;
- licence conditions and variations;
- statements of compliance;
- load based licensing information; and
- load reduction agreements.

Under s320 of the Act application can be made to the EPA for access to monitoring data which has been submitted to the EPA by licensees.

### **This licence is issued to:**

**GENERATOR PROPERTY MANAGEMENT PTY LIMITED**

**PO BOX 132**

**BUDGEWOI NSW 2262**

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.

<b>Scheduled Activity</b>	<b>Fee Based Activity</b>	<b>Scale</b>
N/A	Miscellaneous licensed discharge to waters (at any time)	> 1000 ML maximum annual volume of discharge authorised

A1.2 This licence regulates water pollution resulting from the activity/ies specified below carried out at the premises specified in A2.

<b>Fee Based Activity</b>	<b>Scale</b>
Miscellaneous licensed discharge to waters (at any time)	> 1000.00 ML maximum annual volume of discharge authorised

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

A2.1 The licence applies to the following premises:

<b>Premises Details</b>
<b>MUNMORAH POWER STATION</b>
<b>OFF SCENIC DRIVE</b>
<b>DOYALSON</b>
<b>NSW 2262</b>

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LOT 1663 DP 25456, LOT 1685 DP 25456, LOT 1686 DP 25456, LOT 774 DP 31830, LOT 9 DP 204437, LOT 10 DP 204437, LOT 1 DP 212276, LOT 2 DP 212276, LOT 1 DP 212277, LOT 34 DP 215875, LOT 99 DP 215875, LOT 1 DP 229395, LOT 2 DP 229395, LOT 3 DP 229395, LOT 2 DP 240685, LOT 3 DP 240685, LOT 4 DP 240685, LOT 5 DP 240685, LOT 6 DP 240685, LOT 7 DP 240685, LOT 8 DP 240685, LOT 10 DP 240685, LOT 11 DP 240685, LOT 100 DP 265811, LOT 1 DP 437280, LOT 1 DP 517862, LOT 1 DP 518575, LOT 1 DP 518791, LOT 2 DP 518791, LOT 3 DP 518791, LOT 4 DP 518791, LOT 1 DP 520033, LOT 2 DP 520033, LOT 3 DP 520033, LOT 4 DP 520033, LOT 1 DP 520034, LOT 2 DP 520034, LOT 1 DP 531895, LOT 421 DP 578194, LOT 422 DP 578194, LOT 1 DP 624298, LOT 49 DP 707586, LOT 79 DP 755266, LOT 106 DP 755266, LOT 107 DP 755266, LOT 110 DP 755266, LOT 161 DP 755266, LOT 348 DP 755266, LOT 351 DP 755266, LOT 425 DP 755266, LOT 4090 DP 837259, LOT 10 DP 913335, LOT 254 DP 914502, LOT 3 DP 1029487, LOT 1 DP 1049201, LOT 60 DP 1065038, LOT 2 DP 1068216, LOT 1 DP 1120393, LOT 1 DP 1122687, LOT 1 DP 1141938, LOT 7301 DP 1148296, LOT 1002 DP 1150550, LOT 3361 DP 1152767, LOT 3362 DP 1152767, LOT 2 DP 1153674, LOT 3 DP 1153674, LOT 7325 DP 1164850, LOT 10 DP 1185430, LOT 311 DP 1186298, LOT 1 DP 1191148, LOT 1 DP 1201414, LOT 2 DP 1201414, LOT 3 DP 1201414, LOT 4 DP 1201414, LOT 6 DP 1201414, LOT 7 DP 1201414, LOT 8 DP 1201414, LOT 9 DP 1201414, LOT 12 DP 1201414, LOT 13 DP 1201414, LOT 14 DP 1201414, LOT 15 DP 1201414, LOT 16 DP 1201414, LOT 17 DP 1201414, LOT 18 DP 1201414, LOT 19 DP 1201414, LOT 20 DP 1201414, LOT 21 DP 1201414, LOT 22 DP 1201414, LOT 23 DP 1201414, LOT 24 DP 1201414, LOT 25 DP 1201414, LOT 101 DP 1202394, LOT 102 DP 1202394, LOT 103 DP 1202394, LOT 104 DP 1202394, LOT 105 DP 1202394, LOT 106 DP 1202394, LOT 109 DP 1202394, LOT 110 DP 1202394, LOT 52 DP 1204607, LOT 122 DP 1290829, LOT 123 DP 1290829, LOT 110 DP 1293105, LOT 111 DP 1293105, LOT 1 DP 1294095, LOT 2 DP 1294095

**PREMISES MARKED AND BOUNDED BY THE LINE LABELLED AS 'EPL BOUNDARY' EXCLUDING THE PINK COLOURED POLYGONS LABELLED 'LEASE/LICENCE AGREEMENT/PIPELINES ACT 1967' AND THE LIGHT BLUE COLOURED POLYGONS LABELLED 'EMBEDDED LANDOWNERS', SHOWN ON THE PLAN TITLED 'DETAIL OF PREMISES BOUNDARY FOR EPL 759 AT 29 AUGUST 2023 MUNMORAH POWER STATION' PROVIDED TO THE EPA BY EMAIL TITLED 'REVISED PREMISES BOUNDARY FOR EPL 759 MUNMORAH POWER STATION' DATED 30 AUGUST 2023 (EPA REF: DOC23/766887).**

### **A3 Information supplied to the EPA**

A3.1 Works and activities must be carried out in accordance with the proposal contained in the licence application, except as expressly provided by a condition of this licence.

In this condition the reference to "the licence application" includes a reference to:

- the applications for any licences (including former pollution control approvals) which this licence replaces under the Protection of the Environment Operations (Savings and Transitional) Regulation 1998; and
- the licence information form provided by the licensee to the EPA to assist the EPA in connection with the issuing of this licence.

## **2 Discharges to Air and Water and Applications to Land**

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## **P1 Location of monitoring/discharge points and areas**

P1.1 For the purpose of the monitoring/discharge points tables below, "the Plan" refers to the plan titled 'Licence Monitoring Points EPL 759 Details' dated 6 February 2024 (EPA ref: DOC24/96685).

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

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

### **Water and land**

<b>EPA Identification no.</b>	<b>Type of Monitoring Point</b>	<b>Type of Discharge Point</b>	<b>Location Description</b>
1	Discharge to waters Discharge quality monitoring	Discharge to waters Discharge quality monitoring	Cooling water outlet to Lake Budgewoi labelled as LMP 1 (OUT 01) on "the Plan".
2	Discharge to waters Discharge quality monitoring	Discharge to waters Discharge quality monitoring	Ash pond discharge to inlet canal labelled as LMP 2 (MAD) on "the Plan".
17	Groundwater quality monitoring		Sentinel groundwater wells monitoring diesel plume - well numbers MW-323, MW-327, MW-330, MW-328A and MW319A. Represented as LMP 17 on "the Plan".
18	Groundwater quality monitoring		Wells and stormwater pits monitoring plume at UPSS - wells numbers MW-219, MW-220, MW-221, MW-406, MW-407 and stormwater pits D1 and D231. Represented as LMP 18 on "the Plan".
19	Discharge to waters - wet weather Discharge quality monitoring - wet weather	Discharge to waters - wet weather Discharge quality monitoring - wet weather	Munmorah Ash Dam spillway located on north-eastern bank of ash dam, discharges to trapezoidal channel and then overflows to 48m wide grassed channel via overland flow to Lake Munmorah. Represented as LMP 19 on "the Plan".

## **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

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section 120 of the Protection of the Environment Operations Act 1997.

## **L2 Concentration limits**

- L2.1 For each monitoring/discharge point or utilisation area specified in the table/s below (by a point number), the concentration of a pollutant discharged at that point, or applied to that area, must not exceed the concentration limits specified for that pollutant in the table.
- L2.2 Where a pH quality limit is specified in the table, the specified percentage of samples must be within the specified ranges.
- L2.3 To avoid any doubt, this condition does not authorise the pollution of waters by any pollutant other than those specified in the table/s.
- L2.4 Water and/or Land Concentration Limits

### **POINT 2**

<b>Pollutant</b>	<b>Units of Measure</b>	<b>50%Limit</b>	<b>90%Limit</b>	<b>98.5%Limit</b>	<b>100 percentile concentration limit</b>
pH	pH				6.5-9.5
Total suspended solids	milligrams per litre				50

## **L3 Other limit conditions**

### **Proposed Water Treatment Plant**

Note: As part of the remediation works proposed in the Voluntary Management Plan for the premises submitted under the Contaminated Land Management Act, Declaration No. 20231103, the Licensee proposes to operate a Water Treatment Plant (WTP) to discharge treated water from the Premises. The specific details of the WTP operations are still to be confirmed. Once these details are received, the Licence will be amended to regulate discharges from the WTP through Licence limits and compliance monitoring. The WTP may not treat and release water until this time.

## **4 Operating Conditions**

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## **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.

Note: Condition O2.1 is suspended for all equipment that is appropriately decommissioned and rendered environmentally safe or inert. Any equipment decommissioned that continues to hold or store chemicals or other fluids is to remain appropriately banded.

## **O3 Dust**

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

O3.2 All operations and activities occurring at the premises must be carried out in a manner that will minimise the emission of dust from the premises.

O3.3 Trucks entering and leaving the premises that are carrying loads of dust generator material must be 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 2009.

## **O5 Waste management**

O5.1 The licensee must ensure that any liquid and non-liquid waste generated and/or stored at the premises that is to be sent offsite:

- a) is assessed and classified in accordance with the EPA's Waste Classification Guidelines as in force from time to time prior to leaving the premises; or
- b) where the waste is covered by an in-force Resource Recovery Order and Exemption, the waste must meet the conditions of the relevant Order prior to leaving the premises.

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## **O6 Other operating conditions**

- O6.1 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:
- any relevant Australian Standards for the liquids being stored;
  - within a bunded area with a minimum bund capacity of 110% of the volume of the largest single stored vessel within the bund;
  - 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.
- O6.2 For the purpose of condition O6.1 above, 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:
- in a legible form, or in a form that can readily be reduced to a legible form;
  - kept for at least 4 years after the monitoring or event to which they relate took place; and
  - produced in a legible form to any authorised officer of the EPA who asks to see them.
- M1.3 The following records must be kept in respect of any samples required to be collected for the purposes of this licence:
- the date(s) on which the sample was taken;
  - the time(s) at which the sample was collected;
  - the point at which the sample was taken; and
  - the name of the person who collected the sample.

### **M2 Requirement to monitor concentration of pollutants discharged**

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

#### M2.2 Water and/ or Land Monitoring Requirements

##### **POINT 1**

<b>Pollutant</b>	<b>Units of measure</b>	<b>Frequency</b>	<b>Sampling Method</b>
Perfluorobutane sulphonate (PFBS)	micrograms per litre	Every 6 months	Grab sample

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Perfluoroheptanoic acid (PFHpA)	micrograms per litre	Every 6 months	Grab sample
Perfluorohexane sulphonate (PFHxS)	micrograms per litre	Every 6 months	Grab sample
Perfluorohexanoic acid (PFHxA)	micrograms per litre	Every 6 months	Grab sample
Perfluorooctane sulphonate (PFOS)	micrograms per litre	Every 6 months	Grab sample
Perfluorooctanoic acid (PFOA)	micrograms per litre	Every 6 months	Grab sample
TPH C10-C14 Fraction	micrograms per litre	Every 6 months	Grab sample
TPH C15-C28 Fraction	micrograms per litre	Every 6 months	Grab sample
TPH C29-C36 Fraction	micrograms per litre	Every 6 months	Grab sample
TPH C6-C9 Fraction	micrograms per litre	Every 6 months	Grab sample

## POINT 2,19

<b>Pollutant</b>	<b>Units of measure</b>	<b>Frequency</b>	<b>Sampling Method</b>
Aluminium	micrograms per litre	Weekly during any discharge	Grab sample
Arsenic	micrograms per litre	Weekly during any discharge	Grab sample
Cadmium	micrograms per litre	Weekly during any discharge	Grab sample
Copper	micrograms per litre	Weekly during any discharge	Grab sample
Iron	micrograms per litre	Weekly during any discharge	Grab sample
Lead	micrograms per litre	Weekly during any discharge	Grab sample
Manganese	micrograms per litre	Weekly during any discharge	Grab sample
Mercury	micrograms per litre	Weekly during any discharge	Grab sample
Nickel	micrograms per litre	Weekly during any discharge	Grab sample
Nitrate + nitrite (oxidised nitrogen)	micrograms per litre	Weekly during any discharge	Grab sample
Perfluorobutane sulphonate (PFBS)	micrograms per litre	Weekly during any discharge	Grab sample
Perfluoroheptanoic acid (PFHpA)	micrograms per litre	Weekly during any discharge	Grab sample
Perfluorohexane sulphonate (PFHxS)	micrograms per litre	Weekly during any discharge	Grab sample
Perfluorohexanoic acid (PFHxA)	micrograms per litre	Weekly during any discharge	Grab sample
Perfluorooctane sulphonate (PFOS)	micrograms per litre	Weekly during any discharge	Grab sample
Perfluorooctanoic acid (PFOA)	micrograms per litre	Weekly during any discharge	Grab sample

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pH	pH	Weekly during any discharge	Grab sample
Phosphorus (total)	micrograms per litre	Weekly during any discharge	Grab sample
Reactive Phosphorus	micrograms per litre	Weekly during any discharge	Grab sample
Selenium	micrograms per litre	Weekly during any discharge	Grab sample
Total suspended solids	milligrams per litre	Weekly during any discharge	Grab sample
Zinc	micrograms per litre	Weekly during any discharge	Grab sample

## **POINT 17,18**

<b>Pollutant</b>	<b>Units of measure</b>	<b>Frequency</b>	<b>Sampling Method</b>
BTEX	micrograms per litre	Quarterly	Grab sample
Naphthalene	micrograms per litre	Quarterly	Grab sample
pH	pH micrograms per	Quarterly	Grab sample
TPH C10-C14 Fraction	litre	Quarterly	Grab sample
TPH C15-C28 Fraction	micrograms per litre	Quarterly	Grab sample
TPH C29-C36 Fraction	micrograms per litre	Quarterly	Grab sample
TPH C6-C9 Fraction	micrograms per litre	Quarterly	Grab sample

### **M3 Testing methods - concentration limits**

M3.1 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 Recording of pollution complaints**

M4.1 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.

M4.2 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.

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M4.3 The record of a complaint must be kept for at least 4 years after the complaint was made.

M4.4 The record must be produced to any authorised officer of the EPA who asks to see them.

## **M5 Telephone complaints line**

M5.1 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.

M5.2 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.

M5.3 The preceding two conditions do not apply until 3 months after: the date of the issue of this licence.

## **6 Reporting Conditions**

### **R1 Annual return documents**

R1.1 The licensee must complete and supply to the EPA an Annual Return in the approved form comprising:

1. a Statement of Compliance,
2. a Monitoring and Complaints Summary,
3. a Statement of Compliance - Licence Conditions,
4. a Statement of Compliance - Load based Fee,
5. a Statement of Compliance - Requirement to Prepare Pollution Incident Response Management Plan,
6. a Statement of Compliance - Requirement to Publish Pollution Monitoring Data; and
7. a Statement of Compliance - Environmental Management Systems and Practices.

At the end of each reporting period, the EPA will provide to the licensee notification that the Annual Return is due.

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.

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

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.

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

- R1.4 Where this licence is surrendered by the licensee or revoked by the EPA or Minister, the licensee must prepare an Annual Return in respect of the period commencing on the first day of the reporting period and ending on:
- a) in relation to the surrender of a licence - the date when notice in writing of approval of the surrender is given; or
  - b) in relation to the revocation of the licence - the date from which notice revoking the licence operates.
- R1.5 The Annual Return for the reporting period must be supplied to the EPA via eConnect **EPA** or by registered post not later than 60 days after the end of each reporting period or in the case of a transferring licence not later than 60 days after the date the transfer was granted (the 'due date').
- R1.6 The licensee must retain a copy of the Annual Return supplied to the EPA for a period of at least 4 years after the Annual Return was due to be supplied to the EPA.
- R1.7 Within the Annual Return, the Statements of Compliance must be certified and the Monitoring and Complaints Summary must be signed by:
- a) the licence holder; or
  - b) by a person approved in writing by the EPA to sign on behalf of the licence holder.

## **R2 Notification of environmental harm**

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

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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 Annual Return must be accompanied by a report that assesses to what extent the hydrocarbons which are monitored under Condition M2 (monitoring points 17 & 18), have mobilised and the associated risk of off site contamination posed by the hydrocarbon plumes.

In assessing the risk, the Licensee should consider the current understanding of the exposure pathway between the groundwater and stormwater systems in the area and any further works required to further understand the linkages between these two systems.

The report is to be submitted electronically to: [info@epa.nsw.gov.au](mailto:info@epa.nsw.gov.au)

R4.2 The licensee must notify the EPA immediately on becoming aware of any increased risk of off-site contamination related to the hydrocarbons that are the subject of condition R4.1.

## **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.

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## **G2 Other general conditions**

### **G2.1 Completed Programs**

<b>Program</b>	<b>Description</b>	<b>Completed Date</b>
Clean Up and Investigate further two contaminated areas	Removal of phase separated hydrocarbon fuel from groundwater, investigate and monitor groundwater plume for movement.	29-August-2014
Environmental Impact Study - Effect of Cessation of Flow from Inlet to Outlet Canals	Investigate water quality impacts of the cessation of flow prior to the pumps being decommissioned.	30-June-2014
Munmorah Power Station Closure Plan	Develop a closure plan for Lake Munmorah Power Station, the inlet / outlet works and Lake Colongra.	30-June-2014
Investigation of Underground Petroleum Storage System	Investigate hydrocarbon source in the immediate vicinity of the underground petroleum storage system.	25-May-2015
Implementation of Site Closure Plan	Implement the site closure plan - copy of closure plan located at EPA ref: DOC14/86995.	21-January-2015
Remedial Action Plan	Prepare a remedial action plan for contamination at the premises. The condition has been complied with through the provision of a Voluntary Management Plan to the EPA.	21-February-2025

## **8 Special Conditions**

### **E1 Colongra Creek Ash Dam Monitoring Program**

- E1.1 The licensee must implement the Colongra Creek Ash Dam Sampling and Analysis Quality Plan titled "Sampling and Analysis Quality Plan Colongra Creek Ash Dam", prepared by Environmental Resources Management Australia Pty Ltd (ERM), dated 30 June 2025 (EPA ref. DOC25/533766-1), or as updated and provided to the EPA. Monitoring must be completed in accordance with the SAQP to assess against relevant guideline values, evaluate temporal trends, and identify any changes in the risk profile (Colongra Creek Ash Dam Monitoring Program).
- E1.2 The licensee must provide to the EPA an annual Colongra Creek Ash Dam Monitoring Report that details the findings of the Colongra Creek Ash Dam Monitoring Program. The Colongra Creek Ash Dam Monitoring Report must detail any recommendations for improvement of the Colongra Creek Ash Dam Monitoring Program based on the programs findings.
- E1.3 The annual report required by condition E1.2 must be provided to the EPA at [info@epa.nsw.gov.au](mailto:info@epa.nsw.gov.au) by no later than 1 May each year.

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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 activity</b>	Means the Protection of the Environment Operations Act 1997 Means a scheduled or non-scheduled activity within the meaning of the Protection of the Environment Operations Act 1997 Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009
<b>actual load</b>	Together with a number, means an ambient air monitoring method of that number prescribed by the <b>Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales</b> .
<b>AM</b>	
<b>AMG anniversary date</b>	Australian Map Grid 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 Approved Methods Publication</b>	Is defined in R1.1 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 <b>Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales</b> .
<b>COD composite sample</b>	Means chemical oxygen demand 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. environment environment protection legislation</b>	Means conductivity Has the same meaning as in the Protection of the Environment Operations Act 1997 Has the same meaning as in the Protection of the Environment Administration Act 1991
<b>EPA fee-based activity classification general solid waste (non-putrescible)</b>	Means Environment Protection Authority of New South Wales. Means the numbered short descriptions in Schedule 1 of the Protection of the Environment Operations (General) Regulation 2009.  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><i>flow weighted composite sample</i></b>	Means a sample whose composites are sized in proportion to the flow at each composites time of collection.
<b><i>general solid waste (putrescible)</i></b>	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
<b><i>grab sample</i></b>	Means a single sample taken at a point at a single time
<b><i>hazardous waste</i></b>	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
<b><i>licensee</i></b>	Means the licence holder described at the front of this licence
<b><i>load calculation protocol</i></b>	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009
<b><i>local authority</i></b>	Has the same meaning as in the Protection of the Environment Operations Act 1997
<b><i>material harm</i></b>	Has the same meaning as in section 147 Protection of the Environment Operations Act 1997
<b><i>MBAS</i></b>	Means methylene blue active substances
<b><i>Minister</i></b>	Means the Minister administering the Protection of the Environment Operations Act 1997
<b><i>mobile plant</i></b>	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
<b><i>motor vehicle</i></b>	
<b><i>O&amp;G</i></b>	Means oil and grease
<b><i>percentile [in relation to a concentration limit of a sample]</i></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><i>plant</i></b>	Includes all plant within the meaning of the Protection of the Environment Operations Act 1997 as well as motor vehicles.
<b><i>pollution of waters [or water pollution]</i></b>	Has the same meaning as in the Protection of the Environment Operations Act 1997
<b><i>premises</i></b>	Means the premises described in condition A2.1
<b><i>public authority</i></b>	Has the same meaning as in the Protection of the Environment Operations Act 1997
<b><i>regional office</i></b>	Means the relevant EPA office referred to in the Contacting the EPA document accompanying this licence 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><i>reporting period</i></b>	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
<b><i>restricted solid waste</i></b>	
<b><i>scheduled activity</i></b>	Means an activity listed in Schedule 1 of the Protection of the Environment Operations Act 1997
<b><i>special waste</i></b>	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
<b><i>TM</i></b>	Together with a number, means a test method of that number prescribed by the <b><i>Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales.</i></b>

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<b>TSP</b>	Means total suspended particles
<b>TSS</b>	Means total suspended solids
<b>Type 1 substance</b>	Means the elements antimony, arsenic, cadmium, lead or mercury or any compound containing one or more of those elements
<b>Type 2 substance</b>	Means the elements beryllium, chromium, cobalt, manganese, nickel, selenium, tin or vanadium or any compound containing one or more of those elements
<b>utilisation area</b>	Means any area shown as a utilisation area on a map submitted with the application for this licence
<b>waste</b>	Has the same meaning as in the Protection of the Environment Operations Act 1997
<b>waste type</b>	Means liquid, restricted solid waste, general solid waste (putrescible), general solid waste (non-putrescible), special waste or hazardous waste
<b>Wellhead</b>	Has the same meaning as in Schedule 1 to the Protection of the Environment Operations (General) Regulation 2021.

Mr Grahame Clarke

Environment Protection Authority

(By Delegation)

Date of this edition: 14-June-2000

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## **End Notes**

- 1 Licence varied by notice V/M upgrade, issued on 07-Jul-2000, which came into effect on 07-Jul-2000.
- 2 Licence varied by notice 1002100, issued on 23-Oct-2000, which came into effect on 17-Nov-2000.
- 3 Licence varied by notice 1012998, issued on 26-Sep-2003, which came into effect on 21-Oct-2003.
- 4 Licence varied by notice 1039717, issued on 12-Aug-2004, which came into effect on 06-Sep-2004.
- 5 Licence varied by notice 1104462, issued on 24-Aug-2009, which came into effect on 24-Aug-2009.
- 6 Licence varied by notice 1115371, issued on 07-Jul-2011, which came into effect on 07-Jul-2011.
- 7 Licence varied by notice 1509816 issued on 11-Jan-2013
- 8 Licence varied by notice 1516866 issued on 07-Apr-2014
- 9 Licence varied by notice 1525902 issued on 21-Jan-2015
- 10 Licence varied by notice 1534970 issued on 14-Dec-2015
- 11 Licence transferred through application 1545923 approved on 20-Oct-2016 , which came into effect on 21-Oct-2016
- 12 Licence varied by notice 1565974 issued on 26-Jun-2018
- 13 Licence format updated on 18-Sep-2018
- 14 Licence varied by notice 1576069 issued on 26-Mar-2019
- 15 Licence varied by notice 1583906 issued on 24-Sep-2019
- 16 Licence varied by notice 1598039 issued on 26-Aug-2020
- 17 Licence varied by notice 1627698 issued on 27-Mar-2023
- 18 Licence varied by notice 1633349 issued on 30-Nov-2023
- 19 Licence varied by notice 1635673 issued on 16-May-2024
- 20 Licence varied by notice 1647400 issued on 31-Mar-2025