Section 55 Protection of the Environment Operations Act 1997

Environment Protection Licence

Licence Details	
Number:	10341
Anniversary Date:	10-December

Licensee
SHOALHAVEN COAL PTY LTD
PO BOX 3011
BOWENFELS NSW 2790

Premises
CULLEN VALLEY MINE
951 PORTLAND- CULLEN BULLEN ROAD
CULLEN BULLEN NSW 2790

Scheduled Activity (Act)	Licensing Fee Category (Regulation)	Scale
Mining for coal	Mining for coal	> 500000 - 2000000 T annual production capacity
Coal works	Coal works	0 - 2000000 T annual handing capacity

Environment Protection Licence

Contact Us

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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 information to be sent to the EPA

For each licence fee period you must pay:

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

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

The EPA publication "A Guide to Licensing" contains information about how to calculate your licence fees.

A licence subject to load-based licensing (LBL) requires an Annual Return to be submitted to the EPA, comprising a Statement of Compliance for Load Based Fee Calculation for each assessable pollutant required by the licence. The Annual Return must be submitted by the "due date", as defined in the dictionary at the end of the licence. Refer to the Annual Return reporting requirements under Section 6 "Reporting Conditions".

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:

Licensee
SHOALHAVEN COAL PTY LTD
PO BOX 3011
BOWENFELS NSW 2790

subject to the conditions which follow.

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 (Act) classification, Licensing Fee Category (Regulation) 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 (Act)	Licensing Fee Category (Regulation)	Scale
Mining for coal	Mining for coal	> 500000 - 2000000 T annual production capacity
Coal works	Coal works	0 - 2000000 T annual handing capacity

A2 Premises or plant to which this licence applies

A2.1 The licence applies to the following premises:

Premises Details
CULLEN VALLEY MINE
951 PORTLAND- CULLEN BULLEN ROAD
CULLEN BULLEN NSW 2790
PART LOT 1//DP1025909, PART LOT 1//DP48808, PART LOT 1//DP528538, PART LOT 2//DP1280353, PART LOT 332//DP46518, LOT 36//DP755769, PART LOT 5//DP249955, PART LOT 7316//DP1142025
Map provided in DOC24/808067

A3 Information supplied to the EPA

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

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

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

2 Discharges to Air and Water and Applications to Land

P1 Location of monitoring/discharge points and areas

P1.1 The following points referred to in the table below are identified in this licence for the purposes of monitoring and/or the setting of limits for the emission of pollutants to the air from the point.

Air

EPA Identification Number	Point Type	Point Type Description	Location Description
5	Monitoring	Weather monitoring	Adjacent to Mine Office

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

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

Water and Land

EPA Identification Number	Type of Monitoring Point	Type of Discharge Point	Location Description
1	Discharge & water quality monitoring	Discharge & water quality monitoring	spillway of final pollution control dam
4	Discharge & water quality monitoring	Discharge & water quality monitoring	Mine dewatering point located near the railway line (as shown on figure 2.4 received with the variation of licence application received by the EPA on 7 August 2003)

3 Limit Conditions

L1 Pollution of waters

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

L2 Concentration limits

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

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

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

L2.4 Water and/or Land Concentration Limits

POINT 1,4

Pollutant	UOM	50 percentile concentration limit	90 percentile concentration limit	3DGM concentration limit	100 percentile concentration limit
Oil and Grease	milligrams per litre				10
pH	pH				6.5-8.5
Total suspended solids	milligrams per litre				50
Boron	milligrams per litre				0.94
Copper (total)	milligrams per litre				0.0014
Cobalt (total)	milligrams per litre				0.0014
Total Iron	milligrams per litre				0.3

Total manganese	milligrams per litre				1.9
Nickel (total)	milligrams per litre				0.011
Zinc (total)	milligrams per litre				0.008
Electrical conductivity	microsiemens per centimetre				650

L3 Waste

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

Waste	Description	Activity	Other Limits
NA - General or Specific exempted waste			NA

L4 Noise limits

L4.1 Noise generated at the premises must not exceed the noise limits presented in the table below.

Locality and Location	Day - LAeq (15 minute)	Evening - LAeq (15 minute)	Night - LAeq (15 minute)	Night - LA1 (1 minute)
Red Springs (mining east of railway line)	35	35	35	45
Red Springs (mining west of railway line)	43	38	35	45
Forest Lodge	40	40	40	45

Hillcroft (mining east of railway line)	35	35	35	45
* "Red Springs"mining west of railway line), "Hillcroft" (mining west of railway line), "Ryan", Tesorio", "Fitzgerald", "Tilley", "Dobson", "Williams", "Northey"	43	38	35	45

L4.2 Where LAeq means the equivalent continuous noise level - the level of noise equivalent to the energy-average of noise levels occuring over a measurment period, and where;

a) Day is defined as the period from 7am to 6pm Monday to Saturday and 8am to 6pm Sunday and Public Holidays;
b) Evening is defined as the period 6pm to 10pm; and
c) Night is defined as the period from 10pm to 7am Monday to Saturday and 10pm to 8am Sunday and Public Holidays.

Where the licensee has a written noise agreement with any landowner detailed above, the licensee may exceed the noise limits specified for the relevant location above in accordance with the terms of the noise agreement with that landowner.

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

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

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

a) Data recorded by the meteorological station identified as EPA Licence Point 5 must be used to determine meteorological conditions; and
b) Temperature inversion conditions (stability category) are to be determined by the sigma-theta method referred to in Part E4 of Appendix E to the NSW Industrial Noise Policy.

L4.5 To determine compliance:

a) with the Leq(15 minute) noise limits in condition L4.1, the noise measurement equipment must be located:

i) approximately on the property boundary, where any dwelling is situated 30 metres or less from the property boundary closest to the premises; or
ii) within 30 metres of a dwelling facade, but not closer than 3 metres where any dwelling on the property is situated more than 30 metres from the property boundary closest to the premises; or,

where applicable
iii) within approximately 50 metres of the boundary of a National Park or Nature Reserve

b) with the LA1(1 minute) noise limits in condition L4.1, the noise measurement equipment must be located within 1 metre of a dwelling facade.

c) with the noise limits in condition L4.1, the noise measurement equipment must be located:

i) at the most affected point at a location where there is no dwelling at the location; or
ii) at the most affected point within an area at a location prescribed by conditions L4.5(a) or L4.5(b).

L4.6 A non-compliance of L4.1 will still occur where noise generated from the premises in excess of the appropriate limit is measured:

a) at a location other than an area prescribed by condition L4.5(a) and L4.5(b); and/or
b) at a point other than the most affected point at a location.

L4.7 For the purposes of determining the noise generated at the premises the modification factors in Section 4 of the NSW Industrial Noise Policy must be applied, as appropriate, to the noise levels measured by the noise monitoring equipment.

L5 Blasting

L5.1 The overpressure level from blasting operations at the premises must not exceed 120dB (Lin Peak) at any time. Error margins associated with any monitoring equipment used to measure this are not to be taken into account in determining whether or not the limit has been exceeded.

L5.2 The overpressure level from blasting operations at the premises must not exceed 115dB (Lin Peak) for more than five per cent of the total number of blasts over each reporting period. Error margins associated with any monitoring equipment used to measure this are not to be taken into account in determining whether or not the limit has been exceeded.

L5.3 Ground vibration peak particle velocity from the blasting operations at the premises must not exceed 10mm/sec at any time. Error margins associated with any monitoring equipment used to measure this are not to be taken into account in determining whether or not the limit has been exceeded.

L5.4 Ground vibration peak particle velocity from the blasting operations at the premises must not exceed 5mm/sec for more than five per cent of the total number of blasts over each reporting period. Error margins associated with any monitoring equipment used to measure this are not to be taken into account in determining whether or not the limit has been exceeded.

L5.5 Blasting operations at the premises may only take place between 9:00am-3:00pm Monday to Friday. (Where compelling safety reasons exist, the Authority may permit a blast to occur outside the abovementioned hours. Prior written (or facsimile) notification of any such blast must be made to the Authority).

L6 Potentially offensive odour

L6.1 No condition of this licence identifies a potentially offensive odour for the purposes of section 129 of the Protection of the Environment Operations Act 1997.

Note: Section 129 of the Protection of the Environment Operations Act 1997, provides that the licensee must not cause or permit the emission of any offensive odour from the premises but provides a defence if the emission is identified in the relevant environment protection licence as a potentially offensive odour and the odour was emitted in accordance with the conditions of a licence directed at minimising odour.

4 Operating Conditions

O1 Activities must be carried out in a competent manner

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

O2 Maintenance of plant and equipment

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

O3 Dust

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

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

O3.3 Trucks entering and leaving the premises that are carrying loads must be covered at all times, except during loading and unloading.

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 EPA point identification number for the point at which the sample was taken; and
d) the name of the person who collected the sample

M2 Requirement to monitor concentration of pollutants discharged

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

M2.2 Water and/ or Land Monitoring Requirements

POINT 1,4

Pollutant	UOM	Frequency	Sampling Methods
Boron	milligrams per litre	Weekly during any discharge	Grab sample
Boron (dissolved)	milligrams per litre	Weekly during any discharge	Grab sample
Cobalt (dissolved)	milligrams per litre	Weekly during any discharge	Grab sample
Cobalt (total)	milligrams per litre	Weekly during any discharge	Grab sample
Copper (dissolved)	milligrams per litre	Weekly during any discharge	Grab sample
Electrical conductivity	microsiemens per centimetre	Weekly during any discharge	Grab sample
Iron (dissolved)	milligrams per litre	Weekly during any discharge	Grab sample
Manganese (dissolved)	milligrams per litre	Weekly during any discharge	Grab sample

Nickel (total)	milligrams per litre	Weekly during any discharge	Grab sample
Oil and Grease	milligrams per litre	Weekly during any discharge	Grab sample
pH	pH	Weekly during any discharge	In situ
Total copper	milligrams per litre	Weekly during any discharge	Grab sample
Total Iron	milligrams per litre	Weekly during any discharge	Grab sample
Total manganese	milligrams per litre	Weekly during any discharge	Grab sample
Total suspended solids	milligrams per litre	Weekly during any discharge	Grab sample
Zinc (total)	milligrams per litre	Weekly during any discharge	Grab sample

POINT 1

Pollutant	UOM	Frequency	Sampling Methods
Nickel (dissolved)	milligrams per litre	Weekly during any discharge	Grab sample

POINT 4

Pollutant	UOM	Frequency	Sampling Methods
Nickel (dissolved)	milligrams per gram	Weekly during any discharge	Grab sample
Zinc (dissolved)	milligrams per litre	Weekly during any discharge	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.

M3.2 *Clauses 32 and 46 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 testing method set out in the relevant load calculation protocol for the fee-based activity classification listed in condition A1.1.

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.

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.

M6 Blasting

M6.1 To determine compliance with condition(s) L5.1, L5.2, L5.3 and L5.4:

a) Airblast overpressure and ground vibration levels must be measured and electronically recorded at the nearest residence or sensitive location that is not owned by the licensee or subject to a private agreement - for all blasts carried out in or on the premises; and

b) Instrumentation used to measure the airblast overpressure and ground vibration levels must meet the requirements of Australian Standard AS 2187.2-2006.

6 Reporting Conditions

R1 Compliance, and annual reporting requirements

Compliance with licence conditions

R1.1 The licensee must supply the EPA, via the EPA's online digital portal, the following details of any non-compliance with the conditions of the licence within 21 days after the licensee becomes aware of the non-compliance:

a. the date the licensee became aware of the non-compliance;
b. the date(s) the non-compliance occurred, including if the non-compliance is continuing;
c. whether the non-compliance relates to air, water/land, noise or waste matters (if applicable);
d. whether the non-compliance relates to a pollution incident;
e. the licence condition(s) not complied with;
f. a summary of particulars of the non-compliance, including (if known):
    i. the location where the non-compliance occurred;
    ii. the duration of the non-compliance;
    iii. if the non-compliance is continuing, the suspected end date of the non-compliance;
g. the cause or suspected cause of the non-compliance;
h. any action taken, or proposed to be taken, to mitigate the effects of the non-compliance; and
i. any action taken, or proposed to be taken, to prevent a recurrence of the non-compliance.

R1.2 The EPA may make a written request for further details in relation to each non-compliance reported in accordance with Condition R1.1. The licensee must provide such further details to the EPA, via the EPA's online digital portal, within the time specified in the request.

R1.3 Condition R1.1 does not apply where a non-compliance with a licence condition has been identified by the EPA as part of an EPA environmental compliance audit.

Reporting transition arrangements

R1.4 By 05 August 2026, the licensee must supply to the EPA, via the EPA's online digital portal the details required in Condition R1.1 for any non-compliance with the conditions of the licence that occurred:

i. after the date the licensee supplied their last Statement of Compliance - Licence Conditions to the EPA, and
ii. before the date of the notice of variation of licence that added this condition to this Licence.

Pollution monitoring data summary

R1.5 If the licensee undertakes monitoring as a result of a licence condition, the licensee must supply to the EPA a summary of the results of the pollution monitoring data in respect of each reporting period. The summary must be provided as a Microsoft Excel file, formatted with the following column headings:

a. EPA point identification number;
b. pollutant;

c. unit of measure;
d. number of samples required;
e. number of samples collected and analysed;
f. lowest sample value;
g. mean of sample values; and
h. highest sample value.

The pollution monitoring data summary for the reporting period must be supplied to the EPA via the EPA's online digital portal by the "due date", as defined in the dictionary at the end of this licence.

R2 Reporting documents

R2.1 The results of the blast monitoring required by condition M6.1 must be submitted to the EPA within the Annual Return at the end of each reporting period.

R2.2 The licensee must report any exceedence of the licence blasting limits to the regional office of the EPA as soon as practicable after the exceedence becomes known to the licensee or to one of the licensee's employees or agents.

R3 Notification of environmental harm

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.

R3.1 Notifications must be made by telephoning the Environment Line service on 131 555.

R3.2 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.

R4 Written report

R4.1 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.

R4.2 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.

R4.3 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.

R4.4 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.

7 General Conditions

G1 Copy of licence kept at the premises or plant

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

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

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

8 Pollution Studies and Reduction Programs

U1 Water Seepage Investigation and Management

U1.1 The Licensee must take all reasonable and feasible actions to cease any seepage and maintain the North Void to ensure no future seepage occurs from the premises .

U1.2 By 26 January 2026, the Licensee must submit a 'Groundwater Investigation and Surface Water Management Report' for the Premises. The report must be prepared by a suitably qualified expert and must include, but not be limited to the following:

(a) Assessment of potential risks and impacts of the Premises on the environmental values (eg. aquatic ecosystem health, stock water, irrigation) of local and regional groundwater and waterways consistent with relevant guidelines. This must be done considering all potential water pollutants.

(b) Assessment of containment sizing, performance and potential groundwater risks from key infrastructure, including North Void, Dam 4 and the Tyldesley Colliery underground workings.

(c) Identification of any impacts associated with expression of potentially contaminated groundwater from the premises or seeps from key infrastructure.

(d) Development of a conceptual site model that identifies, and estimates the magnitude of, any pollutant pathways from the premises.

(d) Recommendations to mitigate any seepage issues identified, and uncontrolled discharges from Dam 4.

(e) Evaluation of effectiveness and suitability of the groundwater, surface water and aquatic ecosystem monitoring programs for detecting and characterising potential risks to and impacts on local and regional groundwater and waterways.

(f) Provision of clear, concise recommendations for any enhancements to the monitoring programs (eg. changes to monitoring frequency and/or timing of sampling, additional or alternative monitoring sites, inclusion of reference sites, the analytes and ecological indicators monitored etc) and development or review and update of any current Trigger Action Response Plan (TARP).

U1.3 Based on the outcome of U1.2, the Licensee must update their Water Management Plan and Water Balance for the Premises by no later than 31 March 2026 and submit the documents to the EPA via info@epa.nsw.gov.au.

U1.4 By no later than **27 August 2025** the licensee must notify the EPA in writing via info@epa.nsw.gov.au, of the suitably qualified person engaged to complete the assessments outlined in U1.2.

U1.5 The Licensee must prepare monthly summary reports detailing:
1. Progress in addressing seepage and uncontrolled discharge.
2. Actions taken to manage and remediate any confirmed contamination.
3. Updates on investigation and rehabilitation efforts.

Reports must be submitted to the EPA via info@epa.nsw.gov.au, by no later than 5:00pm on the last Friday of October, January, April and July, until the EPA notifies the licensee in writing that the requirements of U1 have been met and that reports are no longer required.

Note: The EPA may further vary the licence based on the outcomes of condition U1

Dictionary

General Dictionary

3DGM [in relation to a concentration limit]	Means the three day geometric mean, which is calculated by multiplying the results of the analysis of three samples collected on consecutive days and then taking the cubed root of that amount. Where one or more of the samples is zero or below the detection limit for the analysis, then 1 or the detection limit respectively should be used in place of those samples
Act	Means the Protection of the Environment Operations Act 1997
activity	Means a scheduled or non-scheduled activity within the meaning of the Protection of the Environment Operations Act 1997
actual load	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2022
AM	Together with a number, means an ambient air monitoring method of that number prescribed by the Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales.
AMG	Australian Map Grid
anniversary date	The anniversary date is the anniversary each year of the date of issue of the licence. In the case of a licence continued in force by the Protection of the Environment Operations Act 1997, the date of issue of the licence is the first anniversary of the date of issue or last renewal of the licence following the commencement of the Act.
Approved Methods Publication	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2022
assessable pollutants	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2022
BOD	Means biochemical oxygen demand
CEM	Together with a number, means a continuous emission monitoring method of that number prescribed by the *Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales*.

COD	Means chemical oxygen demand
composite sample	Unless otherwise specifically approved in writing by the EPA, a sample consisting of 24 individual samples collected at hourly intervals and each having an equivalent volume.
cond.	Means conductivity
due date	Means: i) not later than 60 days after the end of each reporting period; or ii) in the case of a transferring licence - not later than 60 days after the date the transfer was granted.
environment	Has the same meaning as in the Protection of the Environment Operations Act 1997
environment protection legislation	Has the same meaning as in the Protection of the Environment Administration Act 1991
EPA	Means the Environment Protection Authority of New South Wales.
EPA Online digital portal	Means eConnect EPA
general solid waste (non-putrescible)	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
flow weighted composite sample	Means a sample whose composites are sized in proportion to the flow at each composites time of collection.
general solid waste (putrescible)	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
grab sample	Means a single sample taken at a point at a single time
hazardous waste	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
licensee	Means the licence holder described at the front of this licence
Licensing Fee Category (Regulation)	Means the numbered short descriptions in Schedule 1 of the Protection of the Environment Operations (General) Regulation 2022.
load calculation protocol	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2022

local authority	Has the same meaning as in the Protection of the Environment Operations Act 1997
material harm	Has the same meaning as in section 147 of the Protection of the Environment Operations Act 1997
MBAS	Means methylene blue active substances
Minister	Means the Minister administering the Protection of the Environment Operations Act 1997
mobile plant	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
motor vehicle	Has the same meaning as in the Protection of the Environment Operations Act 1997
O&G	Means oil and grease
Percentile [in relation to a concentration limit of a sample]	Means that percentage [eg.50%] of the number of samples taken that must meet the concentration limit specified in the licence for that pollutant over a specified period of time. In this licence, the specified period of time is the Reporting Period unless otherwise stated in this licence.
plant	Includes all plant within the meaning of the Protection of the Environment Operations Act 1997 as well as motor vehicles.
pollution incident	Has the same meaning as in the Protection of the Environment Operations Act 1997
Pollution of waters [or water pollution]	Has the same meaning as in the Protection of the Environment Operations Act 1997
premises	Means the premises described in condition A2.1
public authority	Has the same meaning as in the Protection of the Environment Operations Act 1997
regional office	Means the relevant EPA office referred to in the Contacting the EPA document accompanying this licence
reporting period	For the purposes of this licence, the reporting period means the period of 12 months after the issue of the licence, and each subsequent period of 12 months. In the case of a licence continued in force by the Protection of the Environment Operations Act 1997, the date of issue of the licence is the first anniversary of the date of issue or last renewal of the licence following the commencement of the Act.

restricted solid waste	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
scheduled activity	Means an activity listed in Schedule 1 of the Protection of the Environment Operations Act 1997
special waste	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
TM	Together with a number, means a test method of that number prescribed by the Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales.
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 of the Protection of the Environment Operations (General) Regulation 2022

Stephen Beaman

Executive Director Regulatory Operations

NSW Environment Protection Authority

End Notes

Licence varied by notice POEO-2981, issued on 10-06-2026

Licence varied by notice 1654407 issued on 11-Dec-2025

Licence varied by notice 1640257 issued on 08-Aug-2025

Licence transferred through application 1530582 approved on 12-May-2015 , which came into effect on 14-May-2015

Licence varied by notice 1502717 issued on 19-Dec-2011

Licence varied by notice 1126944, issued on 01-Jul-2011, which came into effect on 01-Jul-2011.

Licence varied by notice 1120668, issued on 08-Nov-2010, which came into effect on 08-Nov-2010.

Licence varied by notice 1103169, issued on 18-Aug-2009, which came into effect on 18-Aug-2009.

Licence varied by notice 1044372, issued on 26-Oct-2005, which came into effect on 20-Nov-2005.

Licence varied by notice 1028969, issued on 25-May-2004, which came into effect on 19-Jun-2004.

Licence varied by notice 1004171, issued on 07-Feb-2001, which came into effect on 04-Mar-2001.

Licence varied by notice 010757, issued on 04-Aug-2000, which came into effect on 29-Aug-2000.

Licence varied by notice 010752, issued on 24-Jul-2000, which came into effect on 18-Aug-2000.

Licence varied by notice V/M upgrade, issued on , which came into effect on 08-Jul-2000.