Environment Protection Licence

Licence - 5161

Licence Details	
Number:	5161
Anniversary Date:	30-June

Licensee
STRATFORD COAL PTY. LTD.
PO BOX 168
GLOUCESTER NSW 2422

Premises
STRATFORD COAL MINE
BUCKETTS WAY
STRATFORD NSW 2422

Scheduled Activity
Coal works
Mining for coal

Fee Based Activity	Scale
Coal works	0-2000000 T annual handing capacity
Mining for coal	> 500000-2000000 T annual production capacity

Contact Us
NSW EPA
6 Parramatta Square
10 Darcy Street
PARRAMATTA NSW 2150
Phone: 131 555
Email: info@epa.nsw.gov.au
Locked Bag 5022
PARRAMATTA NSW 2124

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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:

STRATFORD COAL PTY. LTD.
PO BOX 168
GLOUCESTER NSW 2422

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
Mining for coal	Mining for coal	> 500000 - 2000000 T annual production capacity

A1.2 The development consent for the premises notes that the licensee must not extract more than 2.6 million tonnes of Run of Mine (ROM) coal at the premises and must not process on site more than 5.6 million tonnes of ROM coal in any calendar year. For the purposes of this licence, the licensee must not:

1. Handle more than 2,000,000 tonnes of coal within any 12 month period.
2. Produce more than 2,000,000 tonnes of coal within any 12 month period.

Note: The limits above are consistent with an application for variation of the licence. These volumes will be revised upon request as long as they remain consistent with consent SSD - 4966.

A2 Premises or plant to which this licence applies

A2.1 The licence applies to the following premises:

Premises Details
STRATFORD COAL MINE
BUCKETTS WAY
STRATFORD
NSW 2422
PREMISES BOUNDARY AS SHOWN ON PLAN TITLED "STRATFORD MINING COMPLEX EPL 5161 ENVIRONMENTAL MONITORING LOCATIONS" DATED 16 APRIL 2021. EPA REFERENCE DOC22/8468.

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A3 Other activities

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

Ancillary Activity
Chemical Storage

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.

2 Discharges to Air and Water and Applications to Land

P1 Location of monitoring/discharge points and areas

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

Air

EPA identification no.	Type of Monitoring Point	Type of Discharge Point	Location Description
13	PM10 Monitoring		HVAS shown as PM10 Point 13 on plan "Stratford Mining Complex EPL 5161 Environmental Monitoring Locations" dated 16 April 2021. EPA reference DOC22/8468
14	PM10 Monitoring		HVAS shown as PM10 Point 14 on plan "Stratford Mining Complex EPL 5161 Environmental Monitoring Locations" dated 16 April 2021. EPA reference DOC22/8468
27	PM10 Monitoring		TEOM shown as PM10 Point 27 (TEOM1) on plan "Stratford Mining Complex EPL 5161 Environmental Monitoring Locations" dated 16 April 2021. EPA reference DOC22/8468
28	PM10 Monitoring		HVAS shown as PM10 Point 28 on plan "Stratford Mining Complex EPL 5161 Environmental Monitoring Locations" dated 16 April 2021. EPA reference DOC22/8468

29	PM10 Monitoring	HVAS shown as PM10 Point 29 on plan "Stratford Mining Complex EPL 5161 Environmental Monitoring Locations" dated 16 April 2021. EPA reference DOC22/8468

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

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

Water and land

EPA Identification no.	Type of Monitoring Point	Type of Discharge Point	Location Description
1	Surface Water Quality		W1 - Avon River (upstream) shown as Surface Water Quality Point 1 on figure "Stratford Mining Complex EPL 5161 Environmental Monitoring Locations", dated 16 April 2021. EPA reference DOC22/8468
2	Surface Water Quality		W2 - Avon River (downstream) shown as Surface Water Quality Point 2 on figure "Stratford Mining Complex EPL 5161 Environmental Monitoring Locations", dated 16 April 2021. EPA reference DOC22/8468
3	Surface Water Quality		W3 - Dog Trap Creek (upstream) shown as Surface Water Quality Point 3 on figure "Stratford Mining Complex EPL 5161 Environmental Monitoring Locations", dated 16 April 2021. EPA reference DOC22/8468
4	Surface Water Quality		W4 - Dog Trap Creek (downstream) shown as Surface Water Quality Point 4 on figure "Stratford Mining Complex EPL 5161 Environmental Monitoring Locations", dated 16 April 2021. EPA reference DOC22/8468
5	Surface Water Quality		W5 - Avondale Creek (downstream) shown as Surface Water Quality Point 5 on figure "Stratford Mining Complex EPL 5161 Environmental Monitoring Locations", dated 16 April 2021. EPA reference DOC22/8468
6	Surface Water Quality		W6 - Avondale Creek (upstream) shown as Surface Water Quality Point 6 on figure "Stratford Mining Complex EPL 5161 Environmental Monitoring Locations", dated 16 April 2021. EPA reference DOC22/8468

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15	Groundwater Monitoring Bore	SCPL Bore shown as Groundwater Bore Point 15 on figure "Stratford Mining Complex EPL 5161 Environmental Monitoring Locations", dated 16 April 2021. EPA reference DOC22/8468
17	Groundwater Monitoring Bore	Ex-Bramley Bore shown as Groundwater Bore Point 17 on figure "Stratford Mining Complex EPL 5161 Environmental Monitoring Locations", dated 16 April 2021. EPA reference DOC22/8468
18	Groundwater Monitoring Bore	Bore RB1 shown as Groundwater Bore Point 18 on figure "Stratford Mining Complex EPL 5161 Environmental Monitoring Locations", dated 16 April 2021. EPA reference DOC22/8468
19	Groundwater Monitoring Bore	Bore GW8 shown as Groundwater Bore Point 19 on figure "Stratford Mining Complex EPL 5161 Environmental Monitoring Locations", dated 16 April 2021. EPA reference DOC22/8468
20	Groundwater Monitoring Bore	Bore RB3 shown as Groundwater Bore Point 20 on figure "Stratford Mining Complex EPL 5161 Environmental Monitoring Locations", dated 16 April 2021. EPA reference DOC22/8468
21	Groundwater Monitoring Bore	Bore GW2 shown as Groundwater Bore Point 21 on figure "Stratford Mining Complex EPL 5161 Environmental Monitoring Locations", dated 16 April 2021. EPA reference DOC22/8468
22	Groundwater Monitoring Bore	Bore GW3 shown as Groundwater Bore Point 22 on figure "Stratford Mining Complex EPL 5161 Environmental Monitoring Locations", dated 16 April 2021. EPA reference DOC22/8468
23	Groundwater Monitoring Bore	Bore GW4 shown as Groundwater Bore Point 23 on figure "Stratford Mining Complex EPL 5161 Environmental Monitoring Locations", dated 16 April 2021. EPA reference DOC22/8468
24	Groundwater Monitoring Bore	Bore GW5 shown as Groundwater Bore Point 24 on figure "Stratford Mining Complex EPL 5161 Environmental Monitoring Locations", dated 16 April 2021. EPA reference DOC22/8468

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25	Groundwater Monitoring Bore		Bore GW7 shown as Groundwater Bore Point 25 on figure "Stratford Mining Complex EPL 5161 Environmental Monitoring Locations", dated 16 April 2021. EPA reference DOC22/8468
26	Groundwater Monitoring Bore		Bore MW4 shown as Groundwater Bore Point 26 on figure "Stratford Mining Complex EPL 5161 Environmental Monitoring Locations", dated 16 April 2021. EPA reference DOC22/8468
33	Discharge Quality Monitoring	Discharge Quality Monitoring	DAD 4 - Disturbed Area Dam shown as Discharge Quality Point 33 on figure "Stratford Mining Complex EPL 5161 Environmental Monitoring Locations", dated 16 April 2021. EPA reference DOC22/8468
35	Discharge Quality Monitoring	Discharge Quality Monitoring	SD12 - Sediment Dam shown as Discharge Quality Point 35 on figure "Stratford Mining Complex EPL 5161 Environmental Monitoring Locations", dated 16 April 2021. EPA reference DOC22/8468
36	Discharge Quality Monitoring	Discharge Quality Monitoring	DAD13 - Disturbed Area Dam shown as Discharge Quality Point 36 on figure "Stratford Mining Complex EPL 5161 Environmental Monitoring Locations", dated 16 April 2021. EPA reference DOC22/8468
37	Discharge Quality Monitoring	Discharge Quality Monitoring	DAD14 - Disturbed Area Dam shown as Discharge Quality Point 37 on figure "Stratford Mining Complex EPL 5161 Environmental Monitoring Locations", dated 16 April 2021. EPA reference DOC22/8468
38	Discharge Quality Monitoring	Discharge Quality Monitoring	SD16 - Sediment Dam shown as Discharge Quality Point 38 on figure "Stratford Mining Complex EPL 5161 Environmental Monitoring Locations", dated 16 April 2021. EPA reference DOC22/8468
39	Discharge Quality Monitoring	Discharge Quality Monitoring	DAD10 - Disturbed Area Dam shown as Discharge Quality Point 39 on figure "Stratford Mining Complex EPL 5161 Environmental Monitoring Locations", dated 16 April 2021. EPA reference DOC22/8468
40	Surface Water Quality		W9 - Avondale Creek (upstream) shown as Surface Water Quality Point 40 on figure "Stratford Mining Complex EPL 5161 Environmental Monitoring Locations", dated 16 April 2021. EPA reference DOC22/8468

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41	Surface Water Quality		W11 - Dog Trap Creek (upstream) shown as Surface Water Quality Point 41 on figure "Stratford Mining Complex EPL 5161 Environmental Monitoring Locations", dated 16 April 2021. EPA reference DOC22/8468
42	Discharge Quality Monitoring	Discharge Quality Monitoring	DAD19 - Disturbed Area Dam shown as Discharge Quality Point 42 on plan "Stratford Mining Complex EPL 5161 Environmental Monitoring Locations" dated 16 April 2021. EPA reference DOC22/8468
43	Discharge Quality Monitoring	Discharge Quality Monitoring	DAD20 - Disturbed Area Dam shown as Discharge Quality Point 43 on plan "Stratford Mining Complex EPL 5161 Environmental Monitoring Locations" dated 16 April 2021. EPA reference DOC22/8468
44	Discharge Quality Monitoring	Discharge Quality Monitoring	Discharge to unnamed tributary flowing into Avondale Creek. Shown as "Discharge Point 44" on plan "Stratford Mining Complex - Emergency Water Discharge - EPL 5161" dated (06.06.25) EPA reference (DOC25/425299).
45	Surface Water Quality		W8 - Avondale Creek (upstream). Shown as "Surface Water Quality Point 45" on plan "Stratford Mining Complex - Emergency Water Discharge - EPL 5161" (06.06.25) EPA reference (DOC25/425299).
46	Surface Water Quality		W5 - Avondale Creek (downstream). Shown as "Surface Water Quality Point 46" on plan "Stratford Mining Complex - Emergency Water Discharge - EPL 5161" (06.06.25) EPA reference (DOC25/425299).

P1.4 The following points referred to in the table below are identified in this licence for the purposes of weather and/or noise monitoring and/or setting limits for the emission of noise from the premises.

Noise/Weather

EPA identification no.	Type of monitoring point	Location description
30	Meteorological Station	SMC Weather Station shown as Meteorological Station Point 30 on plan "Stratford Mining Complex EPL 5161 Environmental Monitoring Locations" dated 16 April 2021. EPA Reference DOC22/8468

31	Meteorological Station	Inversion Tower - Lower shown as Meteorological Station Point 31 on plan "Stratford Mining Complex EPL 5161 Environmental Monitoring Locations" dated 16 April 2021. EPA Reference DOC22/8468
32	Meteorological Station	Inversion Tower - upper shown as Meteorological Station Point 32 on plan "Stratford Mining Complex EPL 5161 Environmental Monitoring Locations" dated 16 April 2021. EPA Reference DOC22/8468

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.

L1.2 Exceedance of the quality limit specified in this licence for the discharge of total suspended solids from a licence monitoring point is permitted if the discharge occurs solely as a result of rainfall at the premises exceeding a total of 40 millimetres over any consecutive 5 day period.

L1.3 There must be no discharges to surface waters from minewater storage dams including the Stratford Main Pit and Stratford East Dam, except where an emergency discharge is permitted under any Special Condition on this licence.

L1.4 Adequate freeboard must be maintained at all times to all minewater storage dams, including the Stratford Main Pit and Stratford East Dam, to minimise the risk of discharge to surface waters.

L1.5 Following the cessation of mining activities there must be no discharge of minewater from the premises, except where an emergency discharge is permitted under any Special Condition on this licence.

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.

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L2.4 Water and/or Land Concentration Limits

POINT 33,35,36,37,38,39,42,43

Pollutant	Units of Measure	50 percentile concentration limit	90 percentile concentration limit	3DGM concentration limit	100 percentile concentration limit
Oil and Grease	Visible				non-visible
pH	pH				6.5 - 8.5
Total suspended solids	milligrams per litre				50

L2.5 If the licensee uses turbidity (NTU) in place of TSS to determine compliance with Condition L2.4, the licensee must develop a statistical correlation which identifies the relationship between NTU and TSS for water quality in the sediment basin/s in order to determine the NTU equivalent of the TSS limit for the associated discharge point before its use.

L2.6 The licensee must provide the EPA with a copy of the statistical correlation assessment methodology and results before using NTU in place of TSS.

L2.7 The licensee must develop and implement a method to enable the ongoing verification of the relationship between NTU and TSS.

L2.8 The licensee must provide the EPA with any amendments the licensee makes to the statistical correlation as a result of the ongoing verification required by Condition L2.7 before using the revised statistical correlation.

L3 Volume and mass limits

L3.1 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
44	megalitres per day	25

L4 Waste

L4.1 The licensee may dispose of up to 400 end-of life mining heavy plant tyres on the premises in each annual

return year. Only waste tyres generated at the premises may be disposed of in accordance with this condition

L5 Noise limits

L5.1 Noise from the premises must not exceed:

Location	Day LAeq (15 minute)	Evening LAeq (15 minute)	Night LAeq (15 minute)	Night LA1 (1 minute)
CR7 - Pryce-Jones	43	43	43	49
Receiver 60 - Healy / Greenwood	39	39	39	45
Receiver 44 - Cross / Jane	39	39	39	47
Receiver 23 - Bagnall	37	37	37	45
Stratford Village	37	36	35	45
All other privately owned residences	35	35	35	45

Note: To identify the exact locations referred to in the table above see the applicable figure(s) in Appendix 5 of Development Consent SSD-4966. A copy of this figure has been saved as EPA file DOC18/13944-01.

Note: The noise limits specified in the table above are those listed in Condition 4 Schedule 3 of Development Consent (SSD-4966) granted by the Planning Assessment Commission as delegate for the Minister for Planning 29 May 2015.

Note: Land subject to acquisition upon request listed in the condition 1 of Schedule 3 of Development Consent (SSD-4966) dated 29 May 2015 includes;
40/51/CR1 - L. Blanch,
42 - D. Blanch,
Cr7 - Pryce-Jones, and
Cr 2 - Boorer

Note: Land subject to additional noise mitigation upon request listed in Condition 2 of Schedule 3 of Development Consent (SSD-4966) dated 29 May 2015 includes;

- 40/51/CR1 - L. Blanch;
- 42 - D. Blanch;
- Cr7 - Pryce-Jones;
- Cr2 - Boorer;
- 31(1) - Isaac;
- 44 - Cross / Jane;
- 37 - Worth;
- 15(3) Falla;
- 60 - Healy / Greenwood;
- 36 - Wallace; and

- 29 - Ward

L5.2 Noise from the premises is to be measured or computed at the most noise-affected point at the property boundary of the receptors listed in L2.1, or a distance within 30 metres of the residence where the boundary is more than 30 metres from the residence of the most affected receiver to determine compliance with this condition.

For the purpose of noise measures required for this condition, the LAeq noise level must be measured or computed for the required period (ie, 15 minutes or full day, evening or night) using "FAST" response on the sound level meter.

For the purpose of the noise limits for this condition, 5 dB (A) must be added to the measured level if the noise is substantially tonal, impulsive, intermittent or low frequency in nature. Where two or more of these characteristics are present the maximum addition to the measured noise level is limited to 10dB(A).

L5.3 The noise limits set out in the Noise Limits table 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) Temperature inversion conditions up to 3ºC/100m and wind speeds greater than 2 metres/second at 10 metres above ground level; or
c) Greater than 3ºC/100m temperature inversion conditions.

L5.4 For the purposes of the previous condition:
a) The meteorological data to be used for determining meteorological conditions is the data recorded by the meteorological weather stations established for this premises for the purposes of this EPL.
b) Temperature inversion conditions on this premises are measured using the meteorological stations depicted as "Inversion Tower - Lower" and "Inversion Tower - Upper" on plan titled "Stratford Mining Complex EPL 5161 - Environmental Monitoring Locations" dated 8 June 2018. EPA reference DOC18/13944-06.
c) Degrees C/100m temperature inversion conditions are to be determined by direct measurment of temperature lapse rate as referred to in Part E2 of Appendix E to the Industrial Noise Policy.
d) Temperature lapse rate must be measured over a minimum of 50 metre interval.

L5.5 For the purposes of determining the noise generated at the premises Class 1 or Class 2 noise monitoring equipment, as defined by AS IEC61672.1-2004 and AS IEC61672.2-2004, or other noise monitoring equipment accepted by the EPA, must be used.

L5.6 To determine compliance:

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

b) with the LA1(1 minute) noise limits in the Noise Limits table, the noise measurement equipment must be

located within 1 metre of a dwelling façade.

c) the noise measurement equipment must be located in a position that is:
i) at the most affected point at a location where there is no dwelling at the location; or
ii) at the most affected point within an area at a location prescribed by part (a) or part (b) of this condition.

L5.7 An exceedance of a noise limit prescribed in this licence will still occur where noise generated from the premises in excess of the appropriate limit specified in the Noise Limits Table is detected:

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

Note: For the purposes of this licence the rail loop is considered part of the premises.

L5.8 For the purposes of determining the noise generated at the premises the modficiation factors in Noise Policy for Industry (2017) Fact Sheet C must the applied, as appropriate, to the noise levels measured by the noise monitoring equipment.

L6 Blasting

L6.1 The overpressure level from blasting operations carried out in or on the premises must not exceed 115 dB(L) for more than 5% of the total number of blasts carried out on the premises within the 12 months annual reporting period

L6.2 The airblast overpressure level from blasting operations in or on the premises must not exceed 120 dB(L) at any time at any residence or noise sensitive location (such as a school or hospital) that is not owned by the licensee or subject of a private agreement between the owner of the residence or noise sensitive location and the licensee as to an alternative overpressure level.

L6.3 The ground vibration peak particle velocity from blasting operations carried out in or on the premises must not exceed 5mm/second for more than 5% of the total number of blasts carried out on the premises within the 12 months annual reporting period.

L6.4 The ground vibration peak particle velocity from blasting operations carried out in or on the premises must not exceed 10mm/second at any time at any residence or noise sensitive location (such as a school or hospital) that is not owned by the licensee or subject of a private agreement between the owner of the residence or noise sensitive location and the licensee as to an alternative ground vibration level.

L6.5 The Licensee must not carry out more than:
a) 1 blast on each day unless an additional blast is requiried due to a misfire; and
b) 3 blasts a week, averaged over a calendar year.

L6.6 Blasting operations at the premises may only take place between 9am and 5pm Monday to Saturday inclusive. No blasting is to be undertaken on Sundays or Public Holidays.

Where compelling reasons exist the EPA may approve in writing a blast to occur outside the abovementioned hours.

L6.7 Offensive blast fume must not be emitted from the premises.

Definition:

Offensive blast fume means post-blast gases from the detonation of explosives at the premises that by reason of their nature, duration, character or quality, or the time at which they are emitted, or any other circumstances:

1. *are harmful to (or likely to be harmful to) a person that is outside the premises from which it is emitted, or*
2. *interferes unreasonably with (or is likely to interfere unreasonably with) the comfort or repose of a person who is outside the premises from which it is emitted.*

L7 Hours of operation

L7.1 The Licensee shall comply with the operating hours identified below:

Activity	Operating Hours
Open cut mining operations in the Bowens Road North and Roseville West Extension pits.	07:00 to 18:00, 7 days per week
Recovery and transport of CHPP rejects for re-processing.	07:00 to 18:00, 7 days per week
Construction of the noise mitigation bunds on the western side of the Avon North, Roseville West Extension and Stratford East pits.	07:00 to 18:00, 7 days per week
Open cut mining operations in the Avon North and Stratford East pits.	24 hours a day, 7 days per week
Coal processing, loading and dispatch of product coal trains.	24 hours a day, 7 days per week
Maintenance activities.	24 hours a day, 7 days per week

L8 Potentially offensive odour

L8.1 The licensee must not cause or permit the emission of offensive odour beyond the boundary of the premises.

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.

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O2 Maintenance of plant and equipment

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

O3 Dust

O3.1 All operations and activities occurring at the premises must be carried out in a manner that will minimise the emission of dust from the premises.

O3.2 All trafficable areas, coal storage areas and vehicle manoeuvring areas in or on the premises must be maintained, at all times, in a condition that will minimise the generation, or emission from the premises, of wind-blown or traffic generated dust.

O3.3 The licensee must ensure that it has sufficient water for all stages of the operations, and if necessary, adjust the scale of the operations on site to match its available water supply.

O4 Emergency response

O4.1 The licensee must maintain, and implement as necessary, a current Pollution Incident Response Management Plan (PIRMP) for the premises. The PIRMP must be developed in accordance with the requirements in Part 5.7A of the Protection of the Environment Operations (POEO) Act 1997 and POEO regulations. The licensee must keep the incident response plan on the premises at all times. The incident response plan must document systems and procedures to deal with all types of incidents (e.g. spills, explosions or fire) that may occur at the premises or that may be associated with activities that occur at the premises and which are likely to cause harm to the environment. The PIRMP must be tested at least annually or following a pollution incident.

O5 Processes and management

Stormwater Management

O5.1 The licensee must maximise the diversion of clean water around disturbed areas of the site.

O5.2 The licensee must design, install and maintain the clean water system to capture and convey the 1 in 100 year ARI flood.

O5.3 The drainage from all areas at the premises which will liberate suspended solids when stormwater runs over these areas must be diverted into adequately sized sedimentation basins.

O5.4 The sedimentation basins must be maintained to ensure that their design capacity is available for the storage of all runoff from cleared areas; all runoff from coal stockpiles and other contaminated areas.

O5.5 Sedimentation basins shall be treated, if required, to reduce the Total Suspended Solids level to the licenced

concentration limit before being discharged to the environment. Treatment can be with gypsum or any other material that has been approved by the EPA.

O5.6 The licensee must ensure the design storage capacity of the sedimentation basins installed on the premises is reinstated within 5 days of the cessation of a rainfall event that causes runoff to occur on or from the premises.

O5.7 Each sedimentation basin must have a marker (the “sedimentation basin marker”) that identifies the upper level of the sediment storage zone.

O5.8 Whenever the level of liquid and other material in any sedimentation basin exceeds the level indicated by the sedimentation basin marker, the licensee must take all practical measures as soon as possible to reduce the level of liquid and other material in the sedimentation basin.

O5.9 The licensee must ensure that sampling point(s) for water discharged from the sediment basin(s) are provided and maintained in an appropriate condition to permit:
a) the clear identification of each sediment basin and discharge point;
b) the collection of representative samples of the water discharged from the sediment basin(s); and
c) access to the sampling point(s) at all times by an authorised officer of the EPA.

Waste Management

O5.10 The licensee must ensure that any liquid and/or non-liquid waste generated and/or stored at the premises is assessed and classified in accordance with the NSW EPA Waste Classification Guidelines as in force from time to time.

O5.11 The licensee must ensure that waste identified for recycling is stored separately from other waste.

O5.12 The licensee is authorised to dispose of heavy plant tyre waste generated on the premises, in the waste rock/overburden emplacements.

The licensee must:

a) ensure that heavy plant waste tyres are re-used on the premises as much as practical;
b) ensure that any surplus heavy plant waste tyres can be emplaced by being spread out within the waste rock/overburden emplacements and buried as deep as practical, covered by at least 20 metres of inert material beneath any final rehabilitation surface;
c) place heavy plant waste tyres at least 15 metres away from coarse reject material or tailings emplacement areas;
d) not emplace any heavy plant waste tyres directly on the pit floor, or in a location that is likely to impede or contaminate saturated aquifers;
e) not emplace any heavy plant waste tyres in a position that compromises the stability of the final rehabilitation landform;
f) not place any heavy plant waste tyres within 15 metres of heated or potentially acid forming materials;
g) not place any heavy plant waste tyres in an area likely to leach to any watercourse; and
h) record the co-ordinates (easting, northing and elevation) of each disposal location.

O6 Other operating conditions

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Mine Wastewaters Irrigation

O6.1 The irrigation system must be installed, maintained and operated to ensure that any runoff as a result of rainfall reports to the mine-water dam known as Stratford East Dam.

O6.2 Application of wastewaters must only be applied at a rate that can be assimilated by the irrigation area and its evapotranspiration capacity.

O6.3 There must be no ponding or runoff from the irrigation area as a result of the application of mine wastewaters.

O6.4 Each irrigation pump must be fitted with a flow meter capable of indicating both total and event mine wastewater volumes applied to the irrigation area.

O6.5 The licensee must record the amount of wastewater applied by each irrigation event. The application rate, the start and stop dates and times, and weather conditions, including rainfall, temperature and humidity, must be recorded.

Bunding

O6.6 All above-ground tanks containing material that is likely to cause environmental harm must be bunded or have an alternative spill containment system in place.

O6.7 Bunds must:
a) have walls and floors constructed of impervious materials;
b) be of sufficient capacity to contain 110% of the volume of the tank (or 110% volume of the largest tank where a group of tanks are installed);
c) have floors graded to a collection sump; and
d) not have a drain valve incorporated in the bund structure,

or be constructed and operated in a manner that achieves the same environmental outcome.

Noise

O6.8 The licensee must:
(a) implement best management practice to minimise the construction, operational, road and rail noise of the development;
(b) in accordance with documentation produced for the Stratford Extension Project (SSD-4966), dozers operating in specific areas must be restricted to certain gears at night;
(c) operate a comprehensive noise management system that uses a combination of predictive meteorological forecasting and real-time noise monitoring data to guide the day-to-day planning of mining operations, and the implementation of both proactive and reactive noise mitigation measures to ensure compliance with the relevant conditions of this licence; and
(d) minimise the noise impacts of the development during meteorological conditions under which the noise limits in the licence do not apply.

NOTE: In addition to the real-time monitoring installed at Stratford and Craven villages the licensee must install real-time noise monitors to measure noise impacts in the vicinity of Receiver 23-Bagnall and Receiver 60-Healy/Greenwood during periods when noise impacts from waste rock dumping is predicted to approach noise limits.

O6.9 Record of Actions to Reduce Noise

The licensee must record and make available on its website:
(a) when the real-time monitoring and management system detects any potential exceedance of the noise limits;
(b) when exemptions from noise limits due to meteorological conditions apply; and
(c) the specific reasonable and feasible measures that were taken when either (a) or (b) apply.

O6.10 All necessary noise amelioration measures detailed in the Stratford Extension Project SSD-4966 documentation, for example construction of noise bunds in specific locations, must be implemented prior to activities being undertaken in these areas.

O6.11 To reduce noise from mobile fleet and conveyors, prior to the Stratford Extension Project commencing the fleet and conveyors must be upgraded as detailed in Table 27 of Stratford Extension Project Environmental Impact Statement – Appendix C – Noise and Blasting Assessment (SLR Consulting 2012).

Note: The abovementioned measures were identified by the proponent as feasible and reasonable measures to reduce noise levels to meet criteria.

O6.12 The licensee must:
a. conduct an annual testing program of the mobile equipment on site to ensure that noise attenuation measures remain effective;
b. restore the effectiveness of any noise attenuation if it is found to be defective; and
c. report on the results of any testing and/or attenuation work within the fourth quarter noise report submitted to the EPA (required by Condition R4.1).

Note: The abovementioned measures were identified by the proponent as feasible and reasonable measures to reduce noise levels to meet criteria.

Potential Acid Forming (PAF) Waste Rock

O6.13 Waste rock must be assessed to determine if it is Potential Acid Forming (PAF). PAF waste rock must be segregated, handled and disposed so as to mitigate against acid formation and pollution of waters.

O6.14 PAF material must not be disposed above groundwater level without EPA specifically approving in writing the location and design of the out-of-pit PAF waste cells.

5 Monitoring and Recording Conditions

M1 Monitoring records

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

M1.2 All records required to be kept by this licence must be:
a) in a legible form, or in a form that can readily be reduced to a legible form;
b) kept for at least 4 years after the monitoring or event to which they relate took place; and

c) produced in a legible form to any authorised officer of the EPA who asks to see them.

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

M2 Requirement to monitor concentration of pollutants discharged

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

M2.2 Air Monitoring Requirements

POINT 13,14,28,29

Pollutant	Units of measure	Frequency	Sampling Method
PM10	micrograms per cubic metre	Every 6 days	AM-18

POINT 27

Pollutant	Units of measure	Frequency	Sampling Method
PM10	micrograms per cubic metre	Continuous	AM-22

M2.3 Water and/ or Land Monitoring Requirements

POINT 1,2,3,4,5,6,40,41

Pollutant	Units of measure	Frequency	Sampling Method
pH	pH	Once a month (min. of 4 weeks)	Grab sample
Total suspended solids	milligrams per litre	Once a month (min. of 4 weeks)	Grab sample
Turbidity	nephelometric turbidity units	Once a month (min. of 4 weeks)	Grab sample

POINT 1,3,4,6,40,41

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Pollutant	Units of measure	Frequency	Sampling Method
Conductivity	microsiemens per centimetre	Once a month (min. of 4 weeks)	Grab sample

POINT 2,5

Pollutant	Units of measure	Frequency	Sampling Method
Conductivity	microsiemens per centimetre	Continuous	A probe designed to measure the range 0 to 10,000 uS/cm

POINT 15,17,18,19,20,21,22,23,24,25,26

Pollutant	Units of measure	Frequency	Sampling Method
Conductivity	microsiemens per centimetre	Every 6 months	Grab sample
pH	pH	Every 6 months	Grab sample

POINT 33,35,36,37,38,39,42,43

Pollutant	Units of measure	Frequency	Sampling Method
Oil and Grease	milligrams per litre	Special Frequency 1	Grab sample
pH	pH	Special Frequency 1	Grab sample
Total suspended solids	milligrams per litre	Special Frequency 1	Grab sample

POINT 44

Pollutant	Units of measure	Frequency	Sampling Method
Conductivity	microsiemens per centimetre	Daily during any discharge	Grab sample
pH	pH	Daily during any discharge	Grab sample
Turbidity	nephelometric turbidity units	Daily during any discharge	Grab sample

POINT 45,46

Pollutant	Units of measure	Frequency	Sampling Method
Conductivity	microsiemens per centimetre	Weekly during any discharge	Grab sample
pH	pH	Weekly during any discharge	Grab sample
Turbidity	nephelometric turbidity units	Weekly during any discharge	Grab sample

Note: For the purpose of the above tables Special Frequency 1 means :
a) prior to any controlled discharge; and

b) daily during any discharge

M2.4 In the event that rainfall on the premises exceeds 25 millimetres in any 24 hour period, the Licensee must as soon as is practicable after the rainfall event is recorded:

a) monitor the surface water quality at monitoring points 1, 2, 3, 4, 5, 6, 40 and 41 for each of the parameters referred to in condition M2.3.

For the purposes of this condition, a maximum of one rainfall event sample, at each of the above sites, is required in any 21 day period.

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 Weather monitoring

M4.1 The licensee must maintain and operate equipment on the premises for the purpose of monitoring each weather parameter 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:

Meteorological Monitoring at Points 30, 31 and 32

PARAMETER	UNITS OF MEASURE	FREQUENCY	SAMPLING METHOD
Air temperature	Degrees celsius	Continuous	AM-4
Wind direction	Degrees	Continuous	AM-2 & AM-4
Rainfall	mm	Continuous	AM-4
Temperature lapse over a minimum vertical height interval of 50m.	Degrees celsius	Continuous	Part E2, Appendix E of the NSW Industrial Noise Policy

Wind Speed	m/s	Continuous	AM-2 & AM-4
Sigma Theta	Degrees	Continuous	AM-2 & AM-4
Relative Humidity	%	Continuous	AM-4

Note: Methods AM-2 and AM-4 are specified in the *Approved Methods for Sampling and Analysis of Air Pollutants in New South Wales*.

M4.2 Rainfall at the premises must be measured and recorded in millimetres per 24 hour period, at the same time each day.

Note: The rainfall monitoring data collected in compliance with Condition M5.1 can be used to determine compliance with Condition L1.2.

M5 Recording of pollution complaints

M5.1 The licensee must keep a legible record of all complaints made to the licensee or any employee or agent of the licensee in relation to pollution arising from any activity to which this licence applies.

M5.2 The record must include details of the following:
a) the date and time of the complaint;
b) the method by which the complaint was made;
c) any personal details of the complainant which were provided by the complainant or, if no such details were provided, a note to that effect;
d) the nature of the complaint;
e) the action taken by the licensee in relation to the complaint, including any follow-up contact with the complainant; and
f) if no action was taken by the licensee, the reasons why no action was taken.

M5.3 The record of a complaint must be kept for at least 4 years after the complaint was made.

M5.4 The record must be produced to any authorised officer of the EPA who asks to see them.

M6 Telephone complaints line

M6.1 The licensee must operate during its operating hours a telephone complaints line for the purpose of receiving any complaints from members of the public in relation to activities conducted at the premises or by the vehicle or mobile plant, unless otherwise specified in the licence.

M6.2 The licensee must notify the public of the complaints line telephone number and the fact that it is a complaints line so that the impacted community knows how to make a complaint.

M6.3 The preceding two conditions do not apply until 3 months after: the date of the issue of this licence.

M7 Requirement to monitor volume or mass

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M7.1 For each discharge point or utilisation area specified below, the licensee must monitor:
a) the volume of liquids discharged to water or applied to the area;
b) the mass of solids applied to the area;
c) the mass of pollutants emitted to the air;
at the frequency and using the method and units of measure, specified below.

POINT 44

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

M8 Blasting

M8.1 The licensee must monitor all blasts carried out in or on the premises at or near the nearest residence or noise sensitive location (such as a school or hospital) that is likely to be most affected by the blast and that is not owned by the licensee or subject of a private agreement between the owner of the residence or noise sensitive location and the licensee relating to alternative blasting limits.

M8.2 All blast shots must be recorded on video from a position allowing the collars of the shot, and where possible, any face, and/or toe, to be seen on the video. The licensee must retain a copy of this video for at least 12 months after the blast was initiated.

M9 Other monitoring and recording conditions

Noise Monitoring

M9.1 To determine compliance with the Noise Limits shown in this licence, attended noise monitoring must be undertaken in accordance with all relevant conditions of this licence:

a) at the nearest and/or most affected locations listed in the Noise Limits Table; and
b) occur quarterly beginning 1 January each year.

6 Reporting Conditions

R1 Annual return documents

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

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

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

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

Note: The term "reporting period" is defined in the dictionary at the end of this licence. Do not complete the Annual Return until after the end of the reporting period.

R1.3 Where this licence is transferred from the licensee to a new licensee:
a) the transferring licensee must prepare an Annual Return for the period commencing on the first day of the reporting period and ending on the date the application for the transfer of the licence to the new licensee is granted; and
b) the new licensee must prepare an Annual Return for the period commencing on the date the application for the transfer of the licence is granted and ending on the last day of the reporting period.

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

R1.4 Where this licence is surrendered by the licensee or revoked by the EPA or Minister, the licensee must prepare an Annual Return in respect of the period commencing on the first day of the reporting period and ending on:
a) in relation to the surrender of a licence - the date when notice in writing of approval of the surrender is given; or
b) in relation to the revocation of the licence - the date from which notice revoking the licence operates.

R1.5 The Annual Return for the reporting period must be supplied to the EPA via eConnect *EPA* or by registered post not later than 60 days after the end of each reporting period or in the case of a transferring licence not later than 60 days after the date the transfer was granted (the 'due date').

R1.6 The licensee must retain a copy of the Annual Return supplied to the EPA for a period of at least 4 years after the Annual Return was due to be supplied to the EPA.

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

R1.8 **Monitoring report**

The licensee must supply with the Annual Return a report, which provides:
a) an analysis and interpretation of monitoring results; and
b) actions to correct identified adverse trends.

R1.9 The licensee must supply, with each Annual Return, a Blast Monitoring Report which must include the following information relating to each blast carried out within the premises during the reporting period covered by the Annual Return:
a) the date and time of the blast;
b) the location of the blast on the premises;
c) the blast monitoring results at each blast monitoring station; and
d) an explanation for any missing blast monitoring results.

R2 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.

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.

R3 Written report

R3.1 Where an authorised officer of the EPA suspects on reasonable grounds that:
a) where this licence applies to premises, an event has occurred at the premises; or
b) where this licence applies to vehicles or mobile plant, an event has occurred in connection with the carrying out of the activities authorised by this licence, and the event has caused, is causing or is likely to cause material harm to the environment (whether the harm occurs on or off premises to which the licence applies), the authorised officer may request a written report of the event.

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

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

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

R4 Other reporting conditions

Blast Reporting

R4.1 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.

Noise Monitoring Report

R4.2 A noise compliance assessment report must be submitted to the EPA within 30 days of the completion of the quarterly monitoring. The assessment must be prepared by a suitably qualified and experienced acoustical consultant which:

a) assesses compliance with the noise limits in the Noise Limits Table; and
b) outlines any management actions taken within the monitoring period to address any exceedances of the limits contained in the Noise Limits Table.

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 Special Conditions

E1 Emergency Water Discharge

E1.1 The licensee is permitted to discharge excess site water from the premises via licence discharge point 44. The volumes of water discharged from this point shall not exceed:
a) Point 44 - 25 ML/day

E1.2 All emergency discharges from point 44 will be managed such that:

1. The discharge point and receiving environment are protected against soil erosion.
2. The discharge volumes will not impact upon public infrastructure.
3. The discharge will not exceed the peak flow of the receiving waterway.
4. Daily inspections will be made of the discharge point during the duration of the emergency discharge.

Note: For the purposes of the condition above, the peak flow is to be measured at the WaterNSW Continuous Water Monitoring Network site number 208028 - Avon River D/S Waukivory Creek.

E1.3 The emergency discharges from licence point 44 must cease by 5:00 pm on 30 August 2025.

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E1.4 A report summarising the volumes of water discharged from the licence discharge point, the quality of the water discharged, and any relevant observations must be prepared following the cessation of the emergency discharge. The report must be submitted to the EPA by 30 September 2025 via info@epa.nsw.gov.au.

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Dictionary

General Dictionary

3DGM [in relation to a concentration limit]	Means the three day geometric mean, which is calculated by multiplying the results of the analysis of three samples collected on consecutive days and then taking the cubed root of that amount. Where one or more of the samples is zero or below the detection limit for the analysis, then 1 or the detection limit respectively should be used in place of those samples
Act	Means the Protection of the Environment Operations Act 1997
activity	Means a scheduled or non-scheduled activity within the meaning of the Protection of the Environment Operations Act 1997
actual load	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009
AM	Together with a number, means an ambient air monitoring method of that number prescribed by the *Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales*.
AMG	Australian Map Grid
anniversary date	The anniversary date is the anniversary each year of the date of issue of the licence. In the case of a licence continued in force by the Protection of the Environment Operations Act 1997, the date of issue of the licence is the first anniversary of the date of issue or last renewal of the licence following the commencement of the Act.
annual return	Is defined in R1.1
Approved Methods Publication	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009
assessable pollutants	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009
BOD	Means biochemical oxygen demand
CEM	Together with a number, means a continuous emission monitoring method of that number prescribed by the *Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales*.
COD	Means chemical oxygen demand
composite sample	Unless otherwise specifically approved in writing by the EPA, a sample consisting of 24 individual samples collected at hourly intervals and each having an equivalent volume.
cond.	Means conductivity
environment	Has the same meaning as in the Protection of the Environment Operations Act 1997
environment protection legislation	Has the same meaning as in the Protection of the Environment Administration Act 1991
EPA	Means Environment Protection Authority of New South Wales.
fee-based activity classification	Means the numbered short descriptions in Schedule 1 of the Protection of the Environment Operations (General) Regulation 2009.
general solid waste (non-putrescible)	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997

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flow weighted composite sample	Means a sample whose composites are sized in proportion to the flow at each composites time of collection.
general solid waste (putrescible)	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environmen t Operations Act 1997
grab sample	Means a single sample taken at a point at a single time
hazardous waste	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
licensee	Means the licence holder describe d at the front of this licence
load calculation protocol	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009
local authority	Has the same meaning as in the Protection of the Environment Operations Act 1997
material harm	Has the same meaning as in section 147 Protection of the Environment Operations Act 1997
MBAS	Means methylene blue active substances
Minister	Means the Minister administering the Protection of the Environment Operations Act 1997
mobile plant	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
motor vehicle	Has the same meaning as in the Protection of the Environment Operations Act 1997
O&G	Means oil and grease
percentile [in relation to a concentration limit of a sample]	Means that percentage [eg.50%] of the number of samples taken that must meet the concentration limit specified in the licence for that pollutant over a specified period of time. In this licence, the specified period of time is the Reporting Period unless otherwise stated in this licence.
plant	Includes all plant within the meaning of the Protection of the Environment Operations Act 1997 as well as motor vehicles.
pollution of waters [or water pollution]	Has the same meaning as in the Protection of the Environment Operations Act 1997
premises	Means the premises described in condition A2.1
public authority	Has the same meaning as in the Protection of the Environment Operations Act 1997
regional office	Means the relevant EPA office referred to in the Contacting the EPA document accompanying this licence
reporting period	For the purposes of this licence, the reporting period means the period of 12 months after the issue of the licence, and each subsequent period of 12 mo nths. In the case of a licence continued in force by the Protection of the Environment Operations Act 1997, the date of issue of the licence is the first anniversary of the date of issue or last renewal of the licence following the commencement of the Act.
restricted solid waste	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
scheduled activity	Means an activity listed in Schedule 1 of the Protection of the Environment Operations Act 1997
special waste	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
TM	Together with a number, means a test method of that number prescribed by the *Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales*.

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

Mr Bernie Weir

Environment Protection Authority

(By Delegation)

Date of this edition: 09-January-2001

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End Notes

1	Licence varied by notice 1007362, issued on 16-Jun-2001, which came into effect on 11-Jul-2001.
2	Licence varied by notice 1011405, issued on 13-Sep-2001, which came into effect on 08-Oct-2001.
3	Licence varied by notice 1014270, issued on 15-Feb-2002, which came into effect on 12-Mar-2002.
4	Licence varied by Admin corrections to archived record, issued on 04-Dec-2002, which came into effect on 04-Dec-2002.
5	Licence varied by notice 1023595, issued on 12-Dec-2002, which came into effect on 06-Jan-2003.
6	Licence varied by notice 1024161, issued on 14-Feb-2003, which came into effect on 14-Feb-2003.
7	Licence varied by notice 1030452, issued on 16-Oct-2003, which came into effect on 10-Nov-2003.
8	Licence varied by notice 1041891, issued on 28-Oct-2004, which came into effect on 22-Nov-2004.
9	Licence varied by notice 1047681, issued on 24-Aug-2005, which came into effect on 18-Sep-2005.
10	Licence varied by notice 1064578, issued on 16-Jul-2007, which came into effect on 16-Jul-2007.
11	Condition A1.3 Not applicable varied by notice issued on <issue date> which came into effect on <effective date>
12	Licence varied by notice 1106292, issued on 27-Nov-2009, which came into effect on 27-Nov-2009.
13	Licence varied by notice 1114168, issued on 25-May-2010, which came into effect on 25-May-2010.
14	Licence varied by notice 1122549, issued on 31-Dec-2010, which came into effect on 31-Dec-2010.
15	Licence varied by notice 1500574 issued on 08-Aug-2011
16	Licence varied by notice 1505074 issued on 24-Oct-2012
17	Licence varied by notice 1509727 issued on 21-Mar-2013
18	Licence varied by notice 1516126 issued on 05-Sep-2013
19	Licence varied by notice 1517276 issued on 24-Sep-2013
20	Licence varied by notice 1519613 issued on 19-Sep-2014

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21	Licence varied by notice	1525149 issued on 05-Dec-2014
22	Licence varied by notice	1562577 issued on 19-Jun-2018
23	Licence varied by notice	1608848 issued on 15-Sep-2023
24	Licence varied by notice	1649523 issued on 06-Jun-2025