

Licence Variation



Licence - 12894

MANGOOLA COAL OPERATIONS PTY LIMITED
PO BOX 495
MUSWELLBROOK NSW 2333

Attention: Mr Sam Palmer

Notice Number 1631210
File Number EF13/4404
Date 06-Oct-2023

NOTICE OF VARIATION OF LICENCE NO. 12894

BACKGROUND

- A. MANGOOLA COAL OPERATIONS PTY LIMITED (the Licensee) is the holder of Environment Protection Licence No. 12894 (the Licence) issued under the *Protection of the Environment Operations Act 1997* (the Act). The licence authorises the carrying on of activities at WYBONG ROAD, WYBONG, NSW, 2333 (the Premises).
- B. On 21 July 2023 the Environment Protection Authority (EPA) received an application for the variation of the Licence.
- C. The application (the Application) requests the Licence be amended to allow the burying of end of life heavy plant tyres within overburden emplacement areas at the Premises, consistent with Mangoola Coal Continued Operations development consent SSD-8642.
- D. The Application includes requested Operating Conditions which details tyre limits, disposal and reporting conditions (the Conditions).
- E. In addition to the Conditions detailed in the Application, the EPA have included Condition O5.2 relating to the stockpiling of end of life heavy plant tyres and Special Condition E3 requiring the Licensee to undertake a waste tyre recycling review.
- F. On 30 November 2022, you submitted the report titled "*Mangoola Open Cut - Water management Infrastructure Assessment - Pollution Reduction Program*" dated 22 November 2022 prepared by Engeny Water Management. The EPA has reviewed the report and considers that it meets the requirements of Condition U1 - Water Management Infrastructure; Condition U1 is now removed from the Licence.
- G. This variation does not authorise a significant increase in environmental impacts of the activity authorised of controlled by the Licence.

VARIATION OF LICENCE NO. 12894

Licence Variation



1. By this notice the EPA varies licence No. 12894. The attached licence document contains all variations that are made to the licence by this notice.
2. The following variations have been made to the licence:
 - Addition - Condition L3.2 sets a limit on the maximum amount of tyres permitted to be buried.
 - Addition - Condition O5.1 & 5.2 details operational requirements for stockpiling and tyre burial.
 - Addition - Condition R5.7 requires a tyre burial report to be submitted with the annual return.
 - Removed - Condition U1 has been removed as the requirement to prepare a water management assessment has been completed.
 - Addition - Special Condition E3 - Waste Tyre Recycling Review

.....
Karen Gallagher
Unit Head
Environment Protection Authority
(by Delegation)

INFORMATION ABOUT THIS NOTICE

- This notice is issued under section 58(5) of the Act.
- Details provided in this notice, along with an updated version of the licence, will be available on the EPA's Public Register (<http://www.epa.nsw.gov.au/prpoeo/index.htm>) in accordance with section 308 of the Act.

Appeals against this decision

- You can appeal to the Land and Environment Court against this decision. The deadline for lodging the appeal is 21 days after you were given notice of this decision.

When this notice begins to operate

- The variations to the licence specified in this notice begin to operate immediately from the date of this notice, unless another date is specified in this notice.
- If an appeal is made against this decision to vary the licence and the Land and Environment Court directs that the decision is stayed the decision does not operate until the stay ceases to have effect or the Land and Environment Court confirms the decision or the appeal is withdrawn (whichever occurs first).

Licence Variation



Environment Protection Licence

Licence - 12894

Licence Details

Number:	12894
Anniversary Date:	07-July

Licensee

MANGOOLA COAL OPERATIONS PTY LIMITED

PO BOX 495

MUSWELLBROOK NSW 2333

Premises

MANGOOLA COAL OPERATIONS

WYBONG ROAD

WYBONG NSW 2333

Scheduled Activity

Coal works

Crushing, grinding or separating

Mining for coal

Railway activities - railway infrastructure operations

Fee Based Activity

Scale

Coal works	> 5000000 T annual handing capacity
Crushing, grinding or separating	> 500000-2000000 T annual processing capacity
Mining for coal	> 5000000 T annual production capacity
Railway infrastructure operations	Any annual 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



Environment Protection Licence

Licence - 12894

INFORMATION ABOUT THIS LICENCE	4
Dictionary	4
Responsibilities of licensee	4
Variation of licence conditions	4
Duration of licence	4
Licence review	4
Fees and annual return to be sent to the EPA	4
Transfer of licence	5
Public register and access to monitoring data	5
1 ADMINISTRATIVE CONDITIONS	6
A1 What the licence authorises and regulates	6
A2 Premises or plant to which this licence applies	6
A3 Other activities	7
A4 Information supplied to the EPA	7
2 DISCHARGES TO AIR AND WATER AND APPLICATIONS TO LAND	7
P1 Location of monitoring/discharge points and areas	7
3 LIMIT CONDITIONS	10
L1 Pollution of waters	10
L2 Concentration limits	10
L3 Waste	11
L4 Noise limits	11
L5 Blasting	13
4 OPERATING CONDITIONS	14
O1 Activities must be carried out in a competent manner	14
O2 Maintenance of plant and equipment	14
O3 Dust	14
O4 Effluent application to land	15
O5 Waste management	15
O6 Other operating conditions	16
5 MONITORING AND RECORDING CONDITIONS	16
M1 Monitoring records	16
M2 Requirement to monitor concentration of pollutants discharged	16
M3 Testing methods - concentration limits	18
M4 Weather monitoring	18
M5 Recording of pollution complaints	19



Environment Protection Licence

Licence - 12894

M6	Telephone complaints line	19
M7	Blasting	20
M8	Other monitoring and recording conditions	20
M9	Noise monitoring	20
6	REPORTING CONDITIONS	21
R1	Annual return documents	21
R2	Notification of environmental harm	22
R3	Written report	22
R4	Other notifications	23
R5	Other reporting conditions	23
7	GENERAL CONDITIONS	24
G1	Copy of licence kept at the premises or plant	24
G2	Contact number for incidents and responsible employees	25
8	SPECIAL CONDITIONS	25
E1	Hunter River Salinity Trading Scheme	25
E2	Disposal of Exploration Waste	26
E3	Waste Tyre Recycling Review	26
	DICTIONARY	27
	General Dictionary	27

Environment Protection Licence

Licence - 12894

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).



Environment Protection Licence

Licence - 12894

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:

MANGOOLA COAL OPERATIONS PTY LIMITED
PO BOX 495
MUSWELLBROOK NSW 2333

subject to the conditions which follow.

Environment Protection Licence

Licence - 12894

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	> 5000000 T annual handing capacity
Crushing, grinding or separating	Crushing, grinding or separating	> 500000 - 2000000 T annual processing capacity
Mining for coal	Mining for coal	> 5000000 T annual production capacity
Railway activities - railway infrastructure operations	Railway infrastructure operations	Any annual capacity

Note: In relation to this licence, the licensee must comply with:

- the activity scale limits imposed by this licence;
- the activity scale limits which apply for the reporting period specified in this licence; and
- the activity scale limits imposed by other legal instruments, such as approvals currently in force under the *Environmental Planning and Assessment Act 1979*.

A2 Premises or plant to which this licence applies

A2.1 The licence applies to the following premises:

Premises Details
MANGOOLA COAL OPERATIONS
WYBONG ROAD
WYBONG
NSW 2333

Environment Protection Licence

Licence - 12894

THE PREMISES IS DEFINED AS "PROPOSED EPL BOUNDARY" IN THE PLAN TITLED "MANGOOLA COAL EPL 12984 - PREMISES PLAN AND ENVIRONMENTAL MONITORING LOCATIONS (EXCLUDING NOISE)", DATED 18/11/2021 ("PREMISES PLAN") (EPA REF. DOC21/813044-4); AND SHAPEFILES PROVIDED BY THE LICENSEE TO THE EPA VIA EMAIL ON 18/11/2021 (EPA REF. DOC21/813044-6). PUBLIC ROADS ARE NOT PART OF THE PREMISES UNLESS TEMPORARILY OR PERMANENTLY CLOSED IN ACCORDANCE WITH THE ROADS ACT 1993 OR AN AGREEMENT IS IN PLACE WITH THE RELEVANT ROAD AUTHORITY.

A3 Other activities

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

Ancillary Activity

Sewage Treatment

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:

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

2 Discharges to Air and Water and Applications to Land

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.

<i>Air</i>			
EPA identification no.	Type of Monitoring Point	Type of Discharge Point	Location Description
5	Meteorological Monitoring		Weather Station North (WSN) marked and shown as "Monitoring Point 5" on the Premises Plan.
18	Meteorological Monitoring		Weather Station South (WSS) marked and shown as "Monitoring Point 18" on the Premises Plan.

Environment Protection Licence

Licence - 12894

19	Particulate Matter Monitoring	Particulate matter Esampler marked and shown as "Monitoring Point 19" on the Premises Plan.
20	Particulate Matter Monitoring	Particulate matter Esampler marked and shown as "Monitoring Point 20" on the Premises Plan.

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

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

Water and land

EPA Identification no.	Type of Monitoring Point	Type of Discharge Point	Location Description
7	Ambient Surface Water Monitoring		Sandy Creek marked and shown as "Monitoring Point 7" on the Premises Plan.
8	Ambient Surface Water Monitoring		Big Flat Creek Tributary marked and shown as "Monitoring Point 8" on the Premises Plan.
9	Ambient Surface Water Monitoring		Wybong Creek marked and shown as "Monitoring Point 9" on the Premises Plan.
10	Groundwater Monitoring		Bore marked and shown as "Monitoring Point 10" on the Premises Plan.
11	Groundwater Monitoring		Stand pipe marked and shown as "Monitoring Point 11" on the Premises Plan.
12	Discharge of saline water under the Hunter River Salinity Trading Scheme (HRSTS) Volume monitoring	Discharge of saline water under the Hunter River Salinity Trading Scheme (HRSTS) Volume monitoring	Outlet of HRSTS discharge pipe marked and shown as "Monitoring Point 12" on the Premises Plan.
13	Ambient Surface Water Monitoring		Hunter River (downstream) marked and shown as "Monitoring Point 13" on the Premises Plan.
14	Ambient Surface Water Monitoring		Hunter River (1500m upstream from Point 12) marked and shown as "Monitoring Point 14" on the Premises Plan.
31	Ambient Surface Water Monitoring		Big Flat Creek marked and shown as "Monitoring Point 31" on the Premises Plan.
33	Discharge to utilisation area Effluent quality monitoring	Discharge to utilisation area Effluent quality monitoring	STP discharge to utilisation area marked and shown as "Monitoring Point 33" on the Premises Plan.

Environment Protection Licence

Licence - 12894

41	Discharge to waters Discharge quality monitoring	Discharge to waters Discharge quality monitoring	Discharge from Pit Water Dam (via Point 12) marked and shown as "Monitoring Point 41" on the Premises Plan - updated Premises Plan required.
42	Discharge to waters Discharge quality monitoring	Discharge to waters Discharge quality monitoring	Discharge from Raw Water Dam (via Point 12) marked and shown as "Monitoring Point 42" on the Premises Plan - updated Premises Plan required.

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
16	Air blast overpressure & ground vibration peak particle velocity monitoring	Blast monitor location marked and shown as "Monitoring Point 16" on the Premises Plan.
21	Air blast overpressure & ground vibration peak particle velocity monitoring	Blast monitor location marked and shown as "Monitoring Point 21" on the Premises Plan.
22	Noise monitoring	Attended noise monitoring - location "NM15" marked and shown as "Monitoring Point 22" on the Noise Monitoring Plan.
23	Noise monitoring	Attended noise monitoring - location labelled as "NM4" marked and shown as "Monitoring Point 23" on the Noise Monitoring Plan.
26	Noise monitoring	Attended noise monitoring - location labelled as "NM8" marked and shown as "Monitoring Point 26" on the Noise Monitoring Plan.
27	Noise monitoring	Attended noise monitoring - location labelled as "NM10" marked and shown as "Monitoring Point 27" on the Noise Monitoring Plan.
29	Noise monitoring	Attended noise monitoring - location labelled as "NM13" marked and shown as "Monitoring Point 29" on the Noise Monitoring Plan.
30	Noise monitoring	Attended noise monitoring - location labelled as "NM14" marked and shown as "Monitoring Point 30" on the Noise Monitoring Plan.
32	Air blast overpressure & ground vibration peak particle velocity monitoring	Blast monitor location marked and shown as "Monitoring Point 32" on the Premises Plan.
34	Noise monitoring	Attended noise monitoring - location labelled as "NM16" marked and shown as "Monitoring Point 34" on the Noise Monitoring Plan.

Environment Protection Licence

Licence - 12894

35	Noise monitoring	Attended noise monitoring - location labelled as "NM17" marked and shown as "Monitoring Point 35" on the Noise Monitoring Plan.
36	Noise monitoring	Attended noise monitoring - location labelled as "NM18" marked and shown as "Monitoring Point 36" on the Noise Monitoring Plan.
37	Noise monitoring	Attended noise monitoring - location labelled as "NM19" marked and shown as "Monitoring Point 37" on the Noise Monitoring Plan.
38	Noise monitoring	Attended noise monitoring - location labelled as "NM20" marked and shown as "Monitoring Point 38" on the Noise Monitoring Plan.
39	Noise monitoring	Attended noise monitoring - location labelled as "NM21" marked and shown as "Monitoring Point 39" on the Noise Monitoring Plan.
40	Noise monitoring	Attended noise monitoring - location labelled as "NM22" marked and shown as "Monitoring Point 40" on the Noise Monitoring Plan.

P1.5 For the purpose of the tables above:

- "The Premises Plan" refers to the plan titled "Mangoola Coal EPL 12894 - Premises Plan and Environmental Monitoring Locations (excluding noise)", dated 18/11/2021 (EPA ref. DOC21/813044-4); and
- The "Noise Monitoring Plan" refers to the plan titled "Mangoola Coal EPL 12894 - Premises Plan and Noise Monitoring Locations", dated 18/11/2021 (EPA ref. DOC21/813044-5).

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.

Environment Protection Licence

Licence - 12894

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 41,42

Pollutant	Units of Measure	50 Percentile concentration limit	90 Percentile concentration limit	3DGM concentration limit	100 percentile concentration limit
pH	pH				6.5-9.5
Total suspended solids	milligrams per litre				120

L3 Waste

L3.1 This condition only applies to the storage, treatment, processing, reprocessing or disposal of waste at the premises if those activities require an environment protection licence.

L3.2 The licensee must not dispose of more than 160 end-of-life mining heavy plant tyres on the premises in each annual return year period.

L4 Noise limits

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

Location	Day LAeq(15min)	Evening LAeq(15min)	Night LAeq(15min)	Night LA1(1min)
EPA Point 22 (NM15) in NMG A			34	48
EPA Point 23 (NM4) in NMG H			41	54
EPA Point 26 (NM8) in NMG G			40	52
EPA Point 27 (NM10) in NMG B			35	51
EPA Point 29 (NM13) in NMG C			38	50

Environment Protection Licence

Licence - 12894

EPA Point 30 (NM14) in NMG D			37		53
EPA Point 34 (NM16) in NMG E			37		52
EPA Point 35 (NM17) in NMG F			36		51
EPA Point 36 (NM18) in NMG I			39		52
EPA Point 37 (NM19) in NMG J			35		51
EPA Point 38 (NM20) in NMG K			38		51
EPA Point 39 (NM21) IN NMG L			40		49
EPA Point 40 (NM22) in NMG M			46		58
Residence 171, 176, 144	40	40	40		52
Residence 25, 128, 154, 193 125A, 182B	40	38	38		52
Residence 261	Years 1 & 2 - 42 Year 3 Onward - 40	38	38		52
Residence 54, 79, 114, 141, 151, 192, 206, 321, 125C, 182A, 241A, 241C, 190,157	40	37	37		52
Residence 165, 177, 106B, 104, 166, 178, 251, 253, 260, 112B, 183C, 184A, 147, 112A, 112C, 240, 241B	40	36	36		52
Residence 134A	Years 1 and 2 - 44 Year 3 onward 40	39	39		52
Residence 109A - F	Years 1 and 2 - 43 Year 3 onward - 40	39	39		52
Residence 263	Years 1 and 2 - 42 Year 3 onward - 40	39	39		52
Residence 164	40	35	39		52
All other privately owned residences	40	35	35		52
Wybong Hall and Anglican Church	48	48	48		-

L4.2 For the purposes of condition L3.1:

- Residences referenced in this table are from consent SSD-8642 Mangoola Coal Continued Operations Project dated 26 April 2021 EPA Reference DOC21/754113; and
- Noise Monitoring Groups (NMG) in this table are referenced in the document titled "Justification for limits at noise monitoring points" dated 12 November 2021 by EMM Consulting, EPA Reference DOC21/813044-7.

Environment Protection Licence

Licence - 12894

L4.3 For the purposes of Condition L3.1:

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

L4.4 The noise limits set out in this licence 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.

For the purposes of this condition:

- i) Data recorded by the meteorological stations within licence condition P1.1 must be used to determine meteorological conditions; and
- ii) Temperature inversion conditions (stability category) are to be determined by the methods referred to in Fact Sheet D of the Noise Policy for Industry (EPA 2017).

L4.5 The noise limits in condition L3.1 do not apply if the licensee has a written agreement with the relevant landowner to exceed the noise limit and the licensee has advised the EPA in writing.

The noise limits in condition L3.1 do not apply to mine owned residences.

L5 Blasting

L5.1 The airblast overpressure level from blasting operations in or on the premises must not exceed: 115 dB (Lin Peak) for more than 5% of the total number of blasts during each reporting period; at either monitoring point 16, 21 or 32 in Condition P1.4.

L5.2 The airblast overpressure level from blasting operations in or on the premises must not exceed: 120 dB (Lin Peak) at any time; at either monitoring point 16, 21 or 32 in Condition P1.4.

L5.3 The ground vibration peak particle velocity from blasting operations carried out in or on the premises must not exceed: 5 mm/second for more than 5% of the total number of blasts during each reporting period; at either monitoring point 16, 21 or 32 in Condition P1.4.

L5.4 The ground vibration peak particle velocity from blasting operations carried out in or on the premises must not exceed: 10 mm/second at any time; at either monitoring point 16, 21 or 32 in Condition P1.4.

L5.5 Blasting in or on the premises must only be carried out between 09:00 hours and 17:00 hours, Monday to Saturday. Blasting in or on the premises must not take place on Sundays or Public Holidays without the prior approval of the EPA.

L5.6 Offensive blast fume must not be emitted from the premises.

Environment Protection Licence

Licence - 12894

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.*

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.

O2.2 The licensee is responsible for the correct operation of the sewage treatment system on their premises.

O2.3 Correct operation of the sewage treatment system involves regular supervision and system maintenance. The licensee must be aware of the system management requirements and must ensure that the necessary service contracts are in place.

O2.4 The sewage treatment system must be serviced by a suitably qualified and experienced wastewater technician at least once in each quarterly period and a minimum of four times per year.

O2.5 The licensee must record each inspection and any actions required or recommended by the technician including date, time, all results of tests performed on the sewage treatment system by the technician.

O3 Dust

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

Environment Protection Licence

Licence - 12894

- O3.2 Activities occurring in or on the premises must be carried out in a manner that will minimise the generation, or emission from the premises, of wind-blown or traffic generated dust.
- O3.3 All 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.

O4 Effluent application to land

- O4.1 Effluent application must not occur in a manner that causes surface runoff.
- O4.2 Spray from effluent application must not drift beyond the boundary of the premises.
- O4.3 The quantity of effluent/solids applied to the utilisation area must not exceed the capacity of the area to effectively utilise the effluent/solids.

For the purpose of this condition, 'effectively utilise' include the use of the effluent/solids for pasture or crop production, as well as the ability of the soil to absorb the nutrient, salt, hydraulic load and organic material.

O5 Waste management

- O5.1 The Licensee is authorised to dispose of heavy plant-tyre waste generated on the premises in accordance with condition L3.2, in the waste rock/overburden emplacements.

The Licensee must:

1. ensure that heavy plant waste tyres are re-used on the premises as much as practical;
2. ensure that heavy plant waste tyres are laid flat with a maximum of 10 tyres per site and a minimum distance of 10 metres between sites;
3. ensure that any surplus heavy plant waste tyres can be emplaced by being spread out within the waste rock/overburden emplacement and buried as deep as practical, but covered by at least 20m of inert material beneath any final rehabilitated surface;
4. place heavy plant waste tyres at least 10 metres away from coarse reject material or tailings emplacement areas;
5. not place any heavy plant waste tyres near heated material; and
6. not place any heavy plant waste tyres in an area likely to leach to any watercourse.

- O5.2 Stockpiles of any heavy plant waste tyres stored at the premises awaiting disposal must;

1. be less than 3.7 metres height and;
2. not cover an area of more than 400 square metres; and
3. not be located within 10 metres of any other flammable or combustible materials.

Environment Protection Licence

Licence - 12894

O6 Other operating conditions

- O6.1 A saline water management system must be established for the containment of any water that has come into contact with coal or coal tailings, including saline groundwater seepage, coal stockpile runoff and runoff from coal haul roads.
- O6.2 Water from the saline water management system must not be discharged from the site unless authorised by this licence and must not be used in areas that drain to the site's non-saline water management systems.

5 Monitoring and Recording Conditions

M1 Monitoring records

- M1.1 The results of any monitoring required to be conducted by this licence or a load calculation protocol must be recorded and retained as set out in this condition.
- M1.2 All records required to be kept by this licence must be:
- in a legible form, or in a form that can readily be reduced to a legible form;
 - kept for at least 4 years after the monitoring or event to which they relate took place; and
 - produced in a legible form to any authorised officer of the EPA who asks to see them.
- M1.3 The following records must be kept in respect of any samples required to be collected for the purposes of this licence:
- the date(s) on which the sample was taken;
 - the time(s) at which the sample was collected;
 - the point at which the sample was taken; and
 - the name of the person who collected the sample.

M2 Requirement to monitor concentration of pollutants discharged

- M2.1 For each monitoring/discharge point or utilisation area specified below (by a point number), the licensee must monitor (by sampling and obtaining results by analysis) the concentration of each pollutant specified in Column 1. The licensee must use the sampling method, units of measure, and sample at the frequency, specified opposite in the other columns:
- M2.2 Air Monitoring Requirements

POINT 19,20

Pollutant	Units of measure	Frequency	Sampling Method
PM10	micrograms per cubic metre	Continuous	Special Method 1

Environment Protection Licence

Licence - 12894

Note: Special Method 1 requires the Licensee to undertake the monitoring of PM10 concentration in strict accordance with the manufacturer's operating manual supplied with the continuous monitoring equipment and titled "E-Sampler-9800 Particulate Monitor Operation Manual Revision K", or any updated version as published by the manufacturer.

M2.3 Water and/ or Land Monitoring Requirements

POINT 7,8,9,31

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

POINT 10,11

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

POINT 12

Pollutant	Units of measure	Frequency	Sampling Method
Electrical conductivity	microsiemens per centimetre	Continuous during discharge	A probe designed to measure the range 0 to 10,000 uS/cm
Volumetric flowrate	megalitres per day	Continuous during discharge	Flow meter and continuous logger

POINT 13,14

Pollutant	Units of measure	Frequency	Sampling Method
Conductivity	microsiemens per metre	Daily during any discharge	Grab sample
pH	pH	Daily during any discharge	Grab sample
Total suspended solids	milligrams per litre	Daily during any discharge	Grab sample

POINT 33

Environment Protection Licence

Licence - 12894

Pollutant	Units of measure	Frequency	Sampling Method
Faecal Coliforms	colony forming units per 100 millilitres	Quarterly	Grab sample
pH	pH	Quarterly	Grab sample

POINT 41,42

Pollutant	Units of measure	Frequency	Sampling Method
pH	pH	Daily during any discharge	Grab sample
Total suspended solids	milligrams per litre	Daily during any discharge	Grab sample

M3 Testing methods - concentration limits

- M3.1 Monitoring for the concentration of a pollutant emitted to the air required to be conducted by this licence must be done in accordance with:
- any methodology which is required by or under the Act to be used for the testing of the concentration of the pollutant; or
 - 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
 - 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 For each monitoring point specified in the table below, the licensee must monitor (by sampling and obtaining results by analysis) the parameters specified in Column 1. The licensee must use the sampling method, units of measure, averaging period and sample at the frequency, specified opposite in the other columns: Point 5; and Point 18

Parameter	Units of Measure	Frequency	Averaging Period	Sampling Method
Rainfall	mm	Continuous	1 hour	AM-4

Environment Protection Licence

Licence - 12894

Wind speed @ 10 metres	m/s	Continuous	15 minutes	AM-2 & AM-4
Wind direction @ 10 metres	0	Continuous	15 minutes	AM-2 & AM-4
Temperature @ 2 metres	0C	Continuous	15 minutes	AM-4
Temperature @ 10 metres	0C	Continuous	15 minutes	AM-4
Sigma theta @ 10 metres	0	Continuous	15 minutes	AM-2 & AM-4
Solar radiation	W/m2	Continuous	15 minutes	AM-4
Additional requirements - siting - measurement				AM-2 & AM-4 AM-2 & AM-4

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.

Environment Protection Licence

Licence - 12894

M7 Blasting

M7.1 To determine compliance with conditions L4.1, L4.2, L4.3 and L4.4:

- Airblast overpressure and ground vibration levels must be measured and electronically recorded for monitoring points 16, 21 and 32 for the parameters specified in Column 1 of the table below; and
- The licensee must use the units of measure, sampling method, and sample at the frequency specified opposite in the other columns.

Parameter	Units of Measure	Frequency	Sampling Method
Airblast Overpressure	Decibels (Linear Peak)	All Blasts	Australian Standard AS 2187.2-2006
Ground Vibration Peak Particle Velocity	millimetres/second	All Blasts	Australian Standard AS 2187.2-2006

M8 Other monitoring and recording conditions

Hunter River Salinity Trading Scheme (HRSTS) Monitoring

- M8.1 The licensee must continuously operate and maintain communication equipment which makes the conductivity and flow measurements, taken at Point 12 available to the "Services Coordinator" within one hour of those measurements being taken and makes them available in the format specified in the "Hunter River Salinity Trading Scheme Discharge Point Telemetry Specification - Rev V1.0" released 4 October 2018 and as published by Water NSW.
- M8.2 The licensee must ensure that the results of the measurements it takes for conductivity and flow at monitoring point 12 are available to the regional water quality monitoring network operated by the NSW Office of Water (or other service provider as advised by the EPA) within 1 hour of its recording.
- M8.3 The licensee must ensure that all monitoring data is within a margin of error of 5% for conductivity measurements and 10% for discharge flow measurement.
- M8.4 The licensee must mark monitoring point(s) 12, 13, 14 with a sign which clearly indicates the name of the licensee, whether the monitoring point is up or down stream of the discharge point(s) and that it is a monitoring point for the Hunter River Salinity Trading Scheme.

Requirement to Monitor Particulate Matter

- M8.5 The Licensee must record the average PM10 concentration at Monitoring Points 19 and 20 at intervals of 10 minutes. This data must be made available upon request by any Authorised Officer of the EPA who asks to see them.

M9 Noise monitoring

- M9.1 To assess compliance with condition L3.1, attended noise monitoring must be undertaken in accordance with Conditions L3.2 to L3.5:
- at the EPA points 22, 23, 26, 27, 29, 30, 34, 35, 36, 37, 38, 39, and 40 identified in P1.4; and
 - occur every calendar month in a reporting period; and

Environment Protection Licence

Licence - 12894

c) occur during one night time period as defined in the Noise Policy for Industry (EPA 2017) for a minimum of 15 minutes at each location listed above, and when relevant during the night.

M9.2 For the purposes of compliance monitoring and determining the noise generated at the premises the modification factors in the EPA's Fact Sheet C of the Noise Policy for Industry (EPA 2017) must be applied, as appropriate, to the noise levels measured by noise monitoring equipment.

Definitions

Noise refers to 'sound pressure levels' for the purpose of conditions L3.1 to L.3.4 and condition M9.

M9.3 Where required in writing by the EPA, the Licensee must carry out attended monitoring at sensitive receivers in addition to the monitoring required by Condition M9.1.

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

Environment Protection Licence

Licence - 12894

given; or

b) in relation to the revocation of the licence - the date from which notice revoking the licence operates.

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

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

R1.7 Within the Annual Return, the Statements of Compliance must be certified and the Monitoring and Complaints Summary must be signed by:

a) the licence holder; or

b) by a person approved in writing by the EPA to sign on behalf of the licence holder.

R2 Notification of environmental harm

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

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

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

R3 Written report

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

a) where this licence applies to premises, an event has occurred at the premises; or

b) where this licence applies to vehicles or mobile plant, an event has occurred in connection with the carrying out of the activities authorised by this licence,

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

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

R3.3 The request may require a report which includes any or all of the following information:

a) the cause, time and duration of the event;

b) the type, volume and concentration of every pollutant discharged as a result of the event;

c) the name, address and business hours telephone number of employees or agents of the licensee, or a 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;

Environment Protection Licence

Licence - 12894

- 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 notifications

Noise Exceedance Notification and Reporting

R4.1 The Licensee must report any exceedance of Licence noise limits to EPA by email to info@epa.nsw.gov.au as soon as practicable after the exceedance becomes known to the Licensee or to one of the Licensee's employees or agents.

R4.2 Within seven days of notifying the EPA of an exceedance of Licence noise limits, the Licensee must provide the EPA a report in writing that explains the cause of the exceedance and the actions taken to prevent future exceedances of noise limits.

R4.3 An authorised officer of 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 at Condition R4.2. The Licensee must provide such further details to the EPA within the time specified in the request.

R5 Other reporting conditions

R5.1 Reporting of Blast Monitoring

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.

R5.2 Reporting exceedance of blasting limits

The licensee must report any exceedance of the licence blasting limits to the Environment Line on 131 555 as soon as practicable after the exceedance becomes known to the licensee or to one of the licensee's employees or agents.

Noise Compliance Assessment Report

R5.3 A report containing the monitoring results of noise compliance monitoring specified in this Licence must be submitted annually with the Annual Return. The report must include, for each monitoring period and monitoring

Environment Protection Licence

Licence - 12894

location:

- a) the contribution noise level from the premises as measured or determined at the monitoring location(s); and
- b) a description of the method used to determine or estimate the contribution noise level from the premises that is consistent with the Noise Policy for Industry (EPA 2017).

R5.4 HRSTS Reporting

The licensee must compile a written report of the activities under the Scheme for each scheme year. The scheme year shall run from 1 July to 30 June each year. The written report must be submitted to the EPA's regional office within 60 days after the end of each scheme year and be in a form and manner approved by the EPA. The information will be used by the EPA to compile an annual scheme report.

Sewage Treatment System

R5.5 A report on the sewage treatment system maintenance program must be submitted annually to the EPA with the Annual Return and must include

- a) Certification from the system provider that the sewage treatment system is operating within its capacity;
- b) Date, time and results of all routine maintenance procedures undertaken to the sewage treatment system; and
- c) Written records of each quarterly inspection.

R5.6 The licensee must retain a copy of each report required by Condition O2.5 for 3 years from the date each record is made.

Heavy-Plant Waste Tyre Disposal Report

R5.7 The Licensee must provide the EPA with an Annual Heavy-Plant Waste Tyre Disposal Report. The Report must be submitted with the licence Annual Return each year and must include a plan of the disposed heavy-plant waste tyres on the premises for the period that includes:

1. Each tyre serial number;
2. Supplier of each tyre;
3. Date tyre delivered to site;
4. Disposal date of each tyre;
5. Co-ordinates (easting and northings) of the location of each tyre emplacement burial extent;
6. The Real Level (RL) in metres AHD of each tyre emplacement location;
7. The number of tyres buried in/within each emplacement location; and
8. The cumulative total number of tyres disposed of at the premises each year

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.

Environment Protection Licence

Licence - 12894

- G1.2 The licence must be produced to any authorised officer of the EPA who asks to see it.
- G1.3 The licence must be available for inspection by any employee or agent of the licensee working at the premises.

G2 Contact number for incidents and responsible employees

- G2.1 The licensee must operate 24-hour telephone contact lines for the purpose of enabling the EPA to directly contact one or more representatives of the licensee who can:
- respond at all times to incidents relating to the premises; and
 - contact the licensee's senior employees or agents authorised at all times to:
 - speak on behalf of the licensee; and
 - provide any information or document required under this licence.
- G2.2 The licensee is to update the EPA through the eConnect EPA platform of the appointment of any subsequent contact persons, or changes to the person's contact details as soon as practicable and in any event within fourteen days of the appointment or change.

8 Special Conditions

E1 Hunter River Salinity Trading Scheme

- E1.1 This licence authorises the discharge of saline water into the Hunter River Catchment from an authorised discharge point (or points), in accordance with the *Protection of the Environment Operations (Hunter River Salinity Trading Scheme) Regulation 2002*.
- E1.2 For the purposes of Clauses 23 and 29 of the Protection of the Environment Operations (Hunter River Salinity Trading Scheme) Regulation 2002 the licensee must apply the conversion factor of 0.6.
- E1.3 The licensee must not exceed the hourly volume discharge limit calculated using the following formula, at all discharge point(s) on this licence titled "Discharge of saline water under the Hunter River Salinity Trading Scheme (HRSTS)":

$$H = V / RRT$$

Where:

H is the hourly volume discharge limit (in megalitres per hour);

V is the licence holder's volume discharge limit for the block (in megalitres) calculated in accordance with clause 23 of the Protection of the Environment Operations (Hunter River Salinity Trading Scheme) Regulation (2002); and

RRT is the difference between the discharge stop and start times shown on the river register for that block (in hours)

Note 1: The intent of this condition is to prevent spikes of saline water in the Hunter River as a result of

Environment Protection Licence

Licence - 12894

discharges of less than the duration permitted by the river register.

Note 2: A river register is issued by the Service Co-ordinator and allows participants of the Hunter River Salinity Trading Scheme (HRSTS) to discharge saline to the Hunter River during a discharge period.

E2 Disposal of Exploration Waste

E2.1 Drilling and exploration waste generated onsite may be disposed of in the existing tailings dam (TD4) at the licensed premises.

E3 Waste Tyre Recycling Review

- E3.1 The licensee must undertake a review of available recycling options for end-of-life heavy-plant waste tyres at least every 2 years and provide a report to the EPA that contains, but is not limited to, the following:
- Analysis of the current capacity of recycling facilities that can accept end-of-life heavy-plant waste tyres for processing in NSW and other neighbouring states;
 - Evidence of enquiries made by the licensee in the previous 24 months to actively seek recycling options for end-of-life heavy-plant waste tyres generated at the premises;
 - Analysis of any pre-treatment options that can be performed at the premises to reduce the costs associated with the transporting and recycling of end-of-life heavy-plant waste tyres;
 - Analysis of the specific costs to the licensee associated with the transport and delivery/acceptance of site generated end-of-life heavy-plant waste tyres at the nearest capable recycling facilities;
 - The current costs associated with the continued on-site burial of end-of-life heavy-plant waste tyres; and
 - A full cost benefit analysis of continued on-site burial of end-of-life heavy-plant waste tyres compared to their transport from the Premises and their recycling/processing.
- E3.2 The licensee is required to submit the Waste Tyre Recycling Review by 31 December 2024 to the EPA at info@epa.nsw.gov.au.

Environment Protection Licence

Licence - 12894

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 <i>Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales</i> .
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 <i>Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales</i> .
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

Environment Protection Licence

Licence - 12894

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
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 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 <i>Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales</i> .

Environment Protection Licence

Licence - 12894

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 Mitchell Bennett

Environment Protection Authority

(By Delegation)

Date of this edition: 07-July-2008



Environment Protection Licence

Licence - 12894

End Notes

- 1 Licence varied by notice 1092347, issued on 29-Sep-2008, which came into effect on 29-Sep-2008.
- 2 Condition A1.3 Not applicable varied by notice issued on <issue date> which came into effect on <effective date>
- 3 Licence varied by notice 1106373, issued on 27-Nov-2009, which came into effect on 27-Nov-2009.
- 4 Licence varied by notice 1115183, issued on 09-Jun-2010, which came into effect on 09-Jun-2010.
- 5 Licence varied by notice 1128581, issued on 06-Jul-2011, which came into effect on 06-Jul-2011.
- 6 Licence varied by notice 1501583 issued on 02-Dec-2011
- 7 Licence varied by notice 1505686 issued on 11-May-2012
- 8 Licence varied by notice 1506566 issued on 19-Jun-2012
- 9 Licence varied by notice 1509331 issued on 17-Oct-2012
- 10 Licence varied by notice 1510489 issued on 21-Mar-2013
- 11 Licence varied by notice 1513352 issued on 05-Sep-2013
- 12 Licence varied by notice 1521308 issued on 17-Apr-2014
- 13 Licence varied by notice 1522197 issued on 13-Oct-2014
- 14 Licence varied by notice 1525579 issued on 16-Mar-2015
- 15 Licence varied by notice 1529807 issued on 13-Apr-2015
- 16 Licence varied by notice 1530069 issued on 04-May-2015
- 17 Licence varied by notice 1531157 issued on 12-Jun-2015
- 18 Licence varied by notice 1531304 issued on 15-Jun-2015
- 19 Licence varied by notice 1532828 issued on 12-Aug-2015
- 20 Licence varied by notice 1533987 issued on 09-Oct-2015
- 21 Licence varied by notice 1535274 issued on 14-Dec-2015
- 22 Licence varied by notice 1536833 issued on 06-Jan-2016
- 23 Licence varied by notice 1539606 issued on 06-Apr-2016
- 24 Licence varied by notice 1543179 issued on 25-Aug-2016
- 25 Licence varied by notice 1544050 issued on 25-Aug-2016

Environment Protection Licence

Licence - 12894

26	Licence varied by notice	1544091 issued on 06-Oct-2016
27	Licence varied by notice	1547941 issued on 30-Aug-2017
28	Licence varied by notice	1561863 issued on 15-Mar-2018
29	Licence varied by notice	1564716 issued on 10-May-2018
30	Licence varied by notice	1568457 issued on 08-Oct-2018
31	Licence varied by notice	1571242 issued on 18-Oct-2018
32	Licence varied by notice	1573948 issued on 08-Jan-2019
33	Licence varied by notice	1574988 issued on 02-Aug-2019
34	Licence varied by notice	1614880 issued on 06-Dec-2021
35	Licence varied by notice	1616482 issued on 09-Feb-2022
36	Licence varied by notice	1617060 issued on 01-Mar-2022
37	Licence varied by notice	1621774 issued on 17-Aug-2022
38	Licence varied by notice	1626541 issued on 03-Apr-2023