



Environment Protection Licence

Licence - 766

<u>Licence Details</u>	
Number:	766
Anniversary Date:	01-January

<u>Licensee</u>
ENERGYAUSTRALIA NSW PTY LTD
350 BOULDER RD
PORTLAND NSW 2847

<u>Premises</u>
WALLERAWANG POWER STATION
1 MAIN STREET
WALLERAWANG NSW 2845

<u>Scheduled Activity</u>
Crushing, grinding or separating
Electricity generation

<u>Fee Based Activity</u>	<u>Scale</u>
Crushing, grinding or separating	0-30000 T annual processing capacity
Generation of electrical power from coal	0-250 GWh annual generating capacity

<u>Region</u>
Central West
L102, 346 PANORAMA AVENUE
BATHURST NSW 2795
Phone: (02) 6333 3800
Fax: (02) 6333 3809
PO Box 1388
BATHURST NSW 2795



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Information about this licence

Dictionary

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

Responsibilities of licensee

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

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

Variation of licence conditions

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

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

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

Duration of licence

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

Licence review

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

Fees and annual return to be sent to the EPA

For each licence fee period you must pay:

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

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

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

Transfer of licence

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

Public register and access to monitoring data

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

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

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

This licence is issued to:

ENERGYAUSTRALIA NSW PTY LTD
350 BOULDER RD
PORTLAND NSW 2847

subject to the conditions which follow.



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1 Administrative Conditions

A1 What the licence authorises and regulates

A1.1 This licence authorises the carrying out of the scheduled activities listed below at the premises specified in A2. The activities are listed according to their scheduled activity classification, fee-based activity classification and the scale of the operation.

Unless otherwise further restricted by a condition of this licence, the scale at which the activity is carried out must not exceed the maximum scale specified in this condition.

Scheduled Activity	Fee Based Activity	Scale
Crushing, grinding or separating	Crushing, grinding or separating	0 - 30000 T annual processing capacity
Electricity generation	Generation of electrical power from coal	0 - 250 GWh annual generating capacity

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

Fee Based Activity	Scale
Crushing, grinding or separating	0.00-30000.00 T annual processing capacity
Generation of electrical power from coal	0.00-250.00 GWh annual generating capacity

A2 Premises or plant to which this licence applies

A2.1 The licence applies to the following premises:

Premises Details
WALLERAWANG POWER STATION
1 MAIN STREET
WALLERAWANG
NSW 2845

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LOT 1 DP 371608, LOT C DP 394440, LOT D DP 394440, LOT E DP 394440, LOT 1 DP 443235, LOT 1 DP 568265, LOT 3 DP 778400, LOT 4 DP 778400, LOT 1 DP 825124, LOT 32 DP 827807, LOT 3 DP 829137, PART LOT 5 DP 829137, LOT 101 DP 829410, LOT 4 DP 1016725, LOT 5 DP 1016725, LOT 6 DP 1016725, LOT 7 DP 1016725, LOT 8 DP 1016725, LOT 1 DP 1018958, LOT 2 DP 1018958, LOT 3 DP 1018958, LOT 4 DP 1018958, LOT 100 DP 1043966, LOT 101 DP 1043966, LOT 91 DP 1043967, LOT 1 DP 1087684, LOT 4 DP 1087684, LOT 5 DP 1087684, LOT 171 DP 1131952, LOT 228 DP 1131953, LOT 1 DP 1131955, LOT 2 DP 1131955, LOT 171 DP 1131959, LOT 10 DP 1139978, LOT 11 DP 1139978, PART LOT 2 DP 1139982, LOT 3 DP 1139982, LOT 920 DP 1164448, LOT 1 DP 1181412, LOT 2 DP 1181412, LOT 3 DP 1181412

PREMISES DEFINED IN FIGURES 1 AND 2: PROPOSED EPL 766 SPILT WALLERAWANG POWER STATION (17 APRIL 2020) AND FIGURE 3: PROPOSED EPL 766 SPILT - CAUSTIC INJECTION PLANT (ENERGY AUSTRALIA NSW) WALLERAWANG POWER STATION (17 APRIL 2020) RECEIVED BY THE EPA ON 28 APRIL 2020 (DOC20/99052-13)

A3 Information supplied to the EPA

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

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

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

- A3.2 Any other document and/or management plan is not to be taken as part of the documentation in condition A4.1, other than those documents and/or management plans specifically referenced in this licence.

2 Discharges to Air and Water and Applications to Land

P1 Location of monitoring/discharge points and areas

- P1.1 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.
- P1.2 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

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EPA Identification no.	Type of Monitoring Point	Type of Discharge Point	Location Description
25	Discharge to waters Volume monitoring	Discharge to waters Volume monitoring	Licence Discharge Point LDP 3 as shown on Figure 3: Proposed EPL 766 split - Caustic Injection Plant (Energy Australia) Wallerawang Power Station (17 April 2020) received by the EPA on 28 April 2020 (DOC/2099052-13)

P1.3 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
20	Noise monitoring	Noise Catchment Area Monitoring Point NCA1 as identified in Figure 4-1 of Wallerawang Power Station Demolition Statement of Environmental Effects 26 September 2018 (DOC20/4358-4)
21	Noise monitoring	Noise Catchment Area Monitoring Point NCA2 as identified in Figure 4-1 of Wallerawang Power Station Demolition Statement of Environmental Effects 26 September 2018 (DOC20/4358-4)
22	Noise monitoring	Noise Catchment Area Monitoring Point NCA3 as identified in Figure 4-1 of Wallerawang Power Station Demolition Statement of Environmental Effects 26 September 2018 (DOC20/4358-4)
23	Noise monitoring	Noise Catchment Area Monitoring Point NCA4 as identified in Figure 4-1 of Wallerawang Power Station Demolition Statement of Environmental Effects 26 September 2018 (DOC20/4358-4)
24	Meteorological Station	Wallerawang Meteorological Station - location to be determined

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.

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L2 Concentration limits

- L2.1 For each monitoring/discharge point or utilisation area specified in the table\> 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\>.
- L2.4 Water and/or Land Concentration Limits

POINT 25

Pollutant	Units of Measure	50 percentile concentration limit	90 percentile concentration limit	3DGM concentration limit	100 percentile concentration limit
pH	pH				6.5-8.5
Sulfate	milligrams per litre				1200
Total suspended solids	milligrams per litre				30

L3 Volume and mass limits

- L3.1 For each discharge point or utilisation area specified below (by a point number), the volume/mass of:
- liquids discharged to water; or;
 - 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
25	kilolitres per day	NA

L4 Waste

- L4.1 The licensee must not cause, permit or allow any waste to be received at the premises, except the wastes expressly referred to in the column titled "Waste" and meeting the definition, if any, in the column titled

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"Description" in the table below.

Any waste received at the premises must only be used for the activities referred to in relation to that waste in the column titled "Activity" in the table below.

Any waste received at the premises is subject to those limits or conditions, if any, referred to in relation to that waste contained in the column titled "Other Limits" in the table below.

This condition does not limit any other conditions in this licence.

Code	Waste	Description	Activity	Other Limits
NA	General solid waste (non-putrescible and putrescible)	Ash; Mill pyrites; Demineralisation and polisher plant effluent; Chemical clean solutions; Cooling tower sediments; Ion exchange resins; Fabric filter bags; Brine conditioned fly ash; Biomass co-firing ash; Settling pond sediments; Oil and grit trap sediments	Waste disposal (application to land)	These wastes must only be disposed of Kerosene Vale Ash Repository and Sawyers Swamp Creek Ash Dam
NA	Concrete	Concrete waste generated onsite which complies with the Recovered Aggregate Order and Exemption under the POEO (Waste) Regulation 2014	Resource recovery Waste storage	Concrete waste must only be disposed of in the voids provided in section 2.2 of the Wallerawang Power Station Demolition Statement of Environment Effects 26 September 2018 (DOC20/4358-4)
NA	Asbestos waste	Asbestos waste generated onsite from demolition of Wallerawang Power Station	Waste disposal (application to land)	Quantity of Asbestos waste disposed must not exceed 11,000 cubic metres. Asbestos waste must only be disposed of in accordance with the "Wallerawang Power Station Proposed Asbestos Disposal Area EIS" (DOC20/4358-3) or the asbestos disposal area

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shown as
"Existing
asbestos
disposal area" on
Figure 1
Proposed EPL
766 Spilt 17 April
2020 received by
the EPA on 28
April 2020
(DOC20/99052-1
3)

L4.2 All waste generated during demolition at the premises must be disposed of offsite at a location which can lawfully accept it, unless the waste:

1. is identified in condition L2.1 above; or
2. can be reused or recycled; or
3. satisfies the requirements of a resource recovery order and/or exemption in accordance with the *Protection of the Environment Operations (Waste) Regulation 2014*.

L5 Noise limits

L5.1 Noise generated at the premises that is measured at each noise monitoring point established under this licence must not exceed the noise levels specified in Column 4 of the table below for that point during the corresponding time periods specified in Column 1 when measured using the corresponding measurement parameters listed in Column 2.

POINT 20

Time period	Measurement parameter	Measurement frequency	Noise level dB(A)
Night	L _{Amax}	-	60
Evening	L _{Aeq} (15 minute)	-	50
Night	L _{Aeq} (15 minute)	-	50
Day	L _{Aeq} (15 minute)	-	58

POINT 21

Time period	Measurement parameter	Measurement frequency	Noise level dB(A)
Day	L _{Aeq} (15 minute)	-	70
Evening	L _{Aeq} (15 minute)	-	70

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Night	LAeq (15 minute)	-	70
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POINT 22

Time period	Measurement parameter	Measurement frequency	Noise level dB(A)
Day	LAeq (15 minute)	-	54
Evening	LAeq (15 minute)	-	45
Night	LAeq (15 minute)	-	45
Night	LAmx	-	55

POINT 23

Time period	Measurement parameter	Measurement frequency	Noise level dB(A)
Evening	LAeq (15 minute)	-	38
Night	LAeq (15 minute)	-	38
Night	LAmx	-	48
Day	LAeq (15 minute)	-	55

Note: The above noise limits do not apply at properties where the licensee has a written agreement with the landowner to exceed the noise limits.

L5.2 For the purpose 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

L5.3 The noise limits set out in condition L3.1 apply under all meteorological conditions except for the following:

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

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L5.4 For the purpose of condition L3.3:

- a) Data recorded by the meteorological station identified as EPA Licence Point 24 must be used to determine meteorological conditions; and
- b) Temperature inversion conditions (stability category) are to be determined by the sigma-theta method referred to in Part E4 of Appendix E to the NSW Industrial Noise Policy.

L5.5 To determine compliance:

- a) with the Leq(15 minute) noise limits in condition L3.1, the noise measurement equipment must be located:
 - i) approximately on the property boundary, where any dwelling is situated 30 metres or less from the property boundary closest to the premises; or
 - ii) within 30 metres of a dwelling façade, but not closer than 3 metres where any dwelling on the property is situated more than 30 metres from the property boundary closest to the premises; or, where applicable
 - iii) within approximately 50 metres of the boundary of a National Park or Nature Reserve.
- b) with the LA1(1 minute) noise limits in condition L3.1, the noise measurement equipment must be located within 1 metre of a dwelling façade.
- c) with the noise limits in condition L3.1, the noise measurement equipment must be located:
 - i) at the most affected point at a location where there is no dwelling at the location; or
 - ii) at the most affected point within an area at a location prescribed by conditions L3.5(a) or L3.5(b).

L5.6 A non-compliance of L3.1 will still occur where noise generated from the premises in excess of the appropriate limit is measured:

- (a) at a location other than an area prescribed by condition L3.5(a) and L3.5(b); and/or
- (b) at a point other than the most affected point at a location.

L5.7 For the purposes of determining the noise generated at the premises the modification factors in Fact Sheet C of the Noise Policy for Industry (EPA, 2017) must be applied, as appropriate, to the noise levels measured by the noise monitoring equipment.

L6 Blasting

L6.1 Blasting in or on the premises must only be carried out between 9am and 5pm, 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.

L6.2 Blasting at the premises is limited to the following:

- a) A maximum of 1 blast per day; and
- b) A maximum of 1 blast per week.

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- L6.3 The airblast overpressure level from blasting operations at the premises must not exceed 120dB (Lin Peak) at any time at any noise sensitive locations. Error margins associated with any monitoring equipment used to measure this are not to be taken into account in determining whether or not the limit has been exceeded.
- L6.4 The airblast overpressure level from blasting operations at the premises must not exceed 115dB (Lin Peak) at any noise sensitive locations for more than five per cent of the total number of blasts over each reporting period. Error margins associated with any monitoring equipment used to measure this are not to be taken into account in determining whether or not the limit has been exceeded.
- L6.5 Ground vibration peak particle velocity from the blasting operations at the premises must not exceed 10mm/sec at any time at any noise sensitive locations. Error margins associated with any monitoring equipment used to measure this are not to be taken into account in determining whether or not the limit has been exceeded.
- L6.6 Ground vibration peak particle velocity from the blasting operations at the premises must not exceed 5mm/sec at any noise sensitive locations for more than five per cent of the total number of blasts over each reporting period. Error margins associated with any monitoring equipment used to measure this are not to be taken into account in determining whether or not the limit has been exceeded.

Note: 1. The airblast overpressure and groundvibration levels in conditions L4.3 to L4.6 do not apply at noise sensitive locations that are owned by the licensee or subject to a private agreement, relating to airblast overpressure and ground vibration levels, between the licensee and land owner.
2. "Noise sensitive locations" includes buildings used as a residence, hospital, school, child care centres, places of public worship and nursing homes. A noise sensitive location includes the land within 30 metres of the building.

L7 Hours of operation

- L7.1 Activities at the premises, including trucks entering and leaving, must only be carried out between the hours of 0700 and 1800 Monday to Friday and 0800 to 1300 on Saturdays. No work is permitted on Sundays and public holidays.
- L7.2 Activities outside the hours stipulated by condition L5.1 are only permitted in the following situations;
- a) for the delivery of material, if that delivery is required by police or other authorities for safety reasons; and/or the operation or personnel or equipment are endangered.
 - b) Where it is required to avoid the loss of lives, property and/or to prevent environmental harm,

In such circumstances, prior notification must be provided to the EPA and affected residents as soon as possible or within a reasonable period in the case of emergency.

- L7.3 All demolition works at the premises must cease when wind speeds are in excess of 39 km per hour as measured at licence point 24.
- L7.4 Activities undertaken at the premises which result in impulsive or tonal noise must:

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1. be limited to 9:00 am to 1:00 pm, Monday to Saturday and 2:00 pm to 5:00 pm, Monday to Friday;
2. not occur for more than three continuous hours; and
3. include a minimum one-hour respite period.

L8 Potentially offensive odour

- L8.1 No condition of this licence identifies a potentially offensive odour for the purposes of section 129 of the Protection of the Environment Operations Act 1997.

4 Operating Conditions

O1 Activities must be carried out in a competent manner

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

O2 Maintenance of plant and equipment

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

O3 Dust

- O3.1 All areas in or on the premises must be maintained in a condition that prevents or minimises the emission into the air of air pollutants (which includes dust).
- O3.2 Any activity in or on the premises must be carried out by such practicable means as to prevent or minimise the emission into the air of air pollutants (which includes dust).
- O3.3 Any plant in or on the premises must be operated by such practicable means as to prevent or minimise the emission into the air of air pollutants (which includes dust).
- O3.4 Trucks entering and leaving the premises that are carrying loads of dust generating materials must have their loads covered at all times, except during loading and unloading.

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O4 Processes and management

- O4.1 All chemicals, fuels and explosives must be handled and stored in a bunded area which complies with the specifications of the relevant Australian Standard and legislative requirements.
- O4.2 Contingency and emergency management plans must be developed and implemented for the spill of any chemical and fuel.

O5 Other operating conditions

- O5.1 All sensitive receivers within 2 kilometres of the premises must be notified at least 48 hours prior to any blast.

Note: "Sensitive receiver" includes all residences, hospitals, schools, child care centres, place of worship and nursing homes.

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 Water and/ or Land Monitoring Requirements

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POINT 25

Pollutant	Units of measure	Frequency	Sampling Method
Boron	milligrams per litre	Monthly during discharge	Representative sample
Electrical conductivity	microsiemens per centimetre	Weekly during any discharge	Representative sample
Filterable iron	milligrams per litre	Monthly during discharge	Representative sample
Filterable manganese	milligrams per litre	Monthly during discharge	Representative sample
Fluoride	milligrams per litre	Weekly during any discharge	Representative sample
pH	pH	Weekly during any discharge	Representative sample
Selenium	milligrams per litre	Monthly during discharge	Representative sample
Sulfate	milligrams per litre	Weekly during any discharge	Representative sample
Total suspended solids	milligrams per litre	Weekly during any discharge	Representative sample

M3 Testing methods - concentration limits

- M3.1 Subject to any express provision to the contrary in this licence, monitoring for the concentration of a pollutant discharged to waters or applied to a utilisation area must be done in accordance with the Approved Methods Publication unless another method has been approved by the EPA in writing before any tests are conducted.

M4 Weather monitoring

- M4.1 At the point(s) identified below, the licensee must monitor (by sampling and obtaining results by analysis) the parameters specified in Column 1 of the table below, using the corresponding sampling method, units of measure, averaging period and sampling frequency, specified opposite in the Columns 2, 3, 4 and 5 respectively.

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POINT 24

Parameter	Sampling method	Units of measure	Averaging period	Frequency
Wind Direction at 10 metres	AM-2 & AM-4	Degrees	15 minutes	Continuous
Wind Speed at 10 metres	AM-2 & AM-4	metres per second	15 minutes	Continuous
Sigma Theta	AM-2 & AM-4	Degrees	15 minutes	Continuous
Rainfall	AM-4	millimetres	15 minutes	Continuous
Temperature at 10 metres	AM-4	degrees Celsius	15 minutes	Continuous
Relative humidity	AM-4	percent	15 minutes	Continuous

M4.2 Meteorological monitoring required by condition M2.1 above must be undertaken within one month of the commencement of demolition activities at the premises.

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 must be produced to any authorised officer of the EPA who asks to see them.

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

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.

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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

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 25

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

M8 Blasting

M8.1 To determine compliance with conditions L4.3, L4.4, L4.5 and L4.6:

- a) Airblast overpressure and ground vibration levels must be measured and electronically recorded at the nearest noise sensitive receiver for the parameters specified in Column 1 of the table below; and
- b) 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 AS2187.2-2006
Ground Velocity	Millimetres/second	All blasts	Australian Standard AS2187.2-2006

M8.2 "Noise sensitive receiver" includes all residences, hospitals, schools, child care centres, place of worship and nursing homes.

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,

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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 a copy of the form that must be completed and returned to the EPA.

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.

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.

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

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.

7 General Conditions

G1 Copy of licence kept at the premises or plant

- G1.1 A copy of this licence must be kept at the premises to which the licence applies.
- G1.2 The licence must be produced to any authorised officer of the EPA who asks to see it.
- G1.3 The licence must be available for inspection by any employee or agent of the licensee working at the premises.

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8 Special Conditions

E1 Environmental Management Plans

E1.1 The following management plans must be submitted to the EPA three-months prior to the commencement of demolition activities at the premises:

- Air quality;
- Noise and Vibration, which includes a blast management strategy;
- Soil and water;
- Waste; and
- Contaminated Land.

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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 <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

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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 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> .



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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

Mr Jim Clarence

Environment Protection Authority

(By Delegation)

Date of this edition: 29-September-2000

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End Notes

- 1 Licence varied by notice 1002514, issued on 15-Mar-2001, which came into effect on 30-Mar-2001.
- 2 Licence varied by notice 1006913, issued on 25-May-2001, which came into effect on 19-Jun-2001.
- 3 Licence varied by notice 1011875, issued on 12-Nov-2001, which came into effect on 12-Nov-2001.
- 4 Licence varied by notice 1014355, issued on 20-Mar-2002, which came into effect on 22-Mar-2002.
- 5 Licence varied by notice 1033370, issued on 13-May-2005, which came into effect on 07-Jun-2005.
- 6 Licence varied by notice 1053427, issued on 12-Dec-2005, which came into effect on 06-Jan-2006.
- 7 Licence varied by notice 1056197, issued on 04-Apr-2006, which came into effect on 04-Apr-2006.
- 8 Licence varied by notice 1060314, issued on 21-Jul-2006, which came into effect on 21-Jul-2006.
- 9 Licence varied by notice 1067372, issued on 22-Dec-2006, which came into effect on 22-Dec-2006.
- 10 Licence varied by notice 1077138, issued on 28-Sep-2007, which came into effect on 28-Sep-2007.
- 11 Licence varied by notice 1080218, issued on 16-Nov-2007, which came into effect on 16-Nov-2007.
- 12 Licence varied by notice 1083863, issued on 30-Jul-2008, which came into effect on 30-Jul-2008.
- 13 Condition A1.3 Not applicable varied by notice issued on <issue date> which came into effect on <effective date>
- 14 Licence varied by notice 1095281, issued on 01-Jan-2009, which came into effect on 01-Jan-2009.
- 15 Licence varied by notice 1099554, issued on 24-Apr-2009, which came into effect on 24-Apr-2009.
- 16 Licence varied by notice 1102924, issued on 27-Jul-2009, which came into effect on 27-Jul-2009.
- 17 Licence varied by notice 1104582, issued on 01-Feb-2010, which came into effect on 01-Feb-2010.

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| 18 | Licence varied by notice 1112729, issued on 20-Apr-2010, which came into effect on 20-Apr-2010. |
| 19 | Licence varied by notice 1113579, issued on 05-May-2010, which came into effect on 05-May-2010. |
| 20 | Licence varied by notice 1114466, issued on 18-Jun-2010, which came into effect on 18-Jun-2010. |
| 21 | Licence varied by notice 1119263, issued on 16-Sep-2010, which came into effect on 16-Sep-2010. |
| 22 | Licence varied by notice 1125896, issued on 23-Jun-2011, which came into effect on 23-Jun-2011. |
| 23 | Licence varied by notice 1501292 issued on 14-Nov-2011 |
| 24 | Licence varied by notice 1502871 issued on 22-Nov-2011 |
| 25 | Licence varied by notice 1505157 issued on 02-Aug-2012 |
| 26 | Licence varied by notice 1508429 issued on 30-Nov-2012 |
| 27 | Licence varied by notice 1510807 issued on 28-Dec-2012 |
| 28 | Licence varied by notice 1512499 issued on 23-Apr-2013 |
| 29 | Licence transferred through application 1516747 approved on 29-Aug-2013 , which came into effect on 02-Sep-2013 |
| 30 | Licence varied by notice 1518490 issued on 10-Jan-2014 |
| 31 | Licence format updated on 09-Jan-2015 |
| 32 | Licence varied by notice 1529425 issued on 19-Jun-2015 |
| 33 | Licence varied by notice 1535746 issued on 04-Jan-2016 |
| 34 | Licence format updated on 11-Jan-2016 |
| 35 | Licence varied by notice 1543079 issued on 20-Dec-2016 |
| 36 | Licence varied by notice 1556434 issued on 20-Dec-2017 |
| 37 | Licence varied by notice 1571323 issued on 07-May-2020 |
| 38 | Licence varied by notice 1594696 issued on 07-May-2020 |