

Environment Protection Licence

Licence - 21029

Licence Details	
Number:	21029
Anniversary Date:	25-May

Licensee
SEYMOUR WHYTE CONSTRUCTIONS PTY LTD
DOWNER EDI WORKS PTY LTD
12 ELECTRONICS STREET
EIGHT MILE PLAINS QLD 4113

Premises
BERRY TO BOMADERRY UPGRADE
PRINCES HIGHWAY
BOMADERRY NSW 2541

Scheduled Activity
Crushing, grinding or separating
Extractive activities
Road construction

Fee Based Activity	Scale
Crushing, grinding or separating	> 30000-100000 T annual processing capacity
Land-based extractive activity	> 500000-2000000 T annual capacity to extract, process or store
Road construction	> 10-30 km of road constructed, widened or re-routed

Region
South East - Queanbeyan
11 Farrer Place
QUEANBEYAN NSW 2620
Phone: (02) 6229 7002
Fax: (02) 6229 7006
PO Box 622
QUEANBEYAN NSW 2620



Environment Protection Licence

Licence - 21029

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 Information supplied to the EPA	6
2 DISCHARGES TO AIR AND WATER AND APPLICATIONS TO LAND	7
P1 Location of monitoring/discharge points and areas	7
3 LIMIT CONDITIONS	9
L1 Pollution of waters	9
L2 Concentration limits	9
L3 Blasting	10
L4 Hours of operation	11
4 OPERATING CONDITIONS	13
O1 Activities must be carried out in a competent manner	13
O2 Maintenance of plant and equipment	13
O3 Dust	13
5 MONITORING AND RECORDING CONDITIONS	13
M1 Monitoring records	13
M2 Requirement to monitor concentration of pollutants discharged	13
M3 Testing methods - concentration limits	15
M4 Weather monitoring	15
M5 Recording of pollution complaints	15
M6 Telephone complaints line	16
M7 Blasting	16
M8 Other monitoring and recording conditions	16
6 REPORTING CONDITIONS	17

Environment Protection Licence



Licence - 21029

R1	Annual return documents	17
R2	Notification of environmental harm	18
R3	Written report	18
R4	Other reporting conditions	18
7	GENERAL CONDITIONS	19
G1	Copy of licence kept at the premises or plant	19
DICTIONARY		20
	General Dictionary	20

Environment Protection Licence

Licence - 21029



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 - 21029

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:

SEYMOUR WHYTE CONSTRUCTIONS PTY LTD
DOWNER EDI WORKS PTY LTD
12 ELECTRONICS STREET
EIGHT MILE PLAINS QLD 4113

subject to the conditions which follow.

Environment Protection Licence

Licence - 21029

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	> 30000 - 100000 T annual processing capacity
Extractive activities	Land-based extractive activity	> 500000 - 2000000 T annual capacity to extract, process or store
Road construction	Road construction	> 10 - 30 km of road constructed, widened or re-routed

A2 Premises or plant to which this licence applies

A2.1 The licence applies to the following premises:

Premises Details
BERRY TO BOMADERRY UPGRADE
PRINCES HIGHWAY
BOMADERRY
NSW 2541
10.5 KILOMETRES OF PRINCES HIGHWAY BETWEEN MULLERS LANE, BERRY AND CAMBEWARRA ROAD, BOMADERRY. AS DEFINED WITHIN THE DOCUMENT "MEM-DSWJV-MEM-0169-B2B EPL 21029 PREMISE BOUNDARY VARIATION 081118 COMBINED", PREPARED BY DOWNER SEYMOUR WHYTE JOINT VENTURE AND SUBMITTED BY EMAIL TO THE EPA ON 8 NOVEMBER 2018. THE DOCUMENT IS MAINTAINED BY THE EPA ON FILE DOC18/870369.

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.

Environment Protection Licence

Licence - 21029

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

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

2 Discharges to Air and Water and Applications to Land

P1 Location of monitoring/discharge points and areas

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

<i>Air</i>			
EPA identification no.	Type of Monitoring Point	Type of Discharge Point	Location Description
1	Dust deposition monitoring		DDG A - Dust deposition gauge A - Ancillary facility site A - adjacent 10 Croziers Lane, Jaspers Brush
2	Dust deposition monitoring		DDG B - Dust deposition gauge B - Ancillary facility site B - adjacent 10A Jaspers Brush Road, Jaspers Brush
3	Dust deposition monitoring		DDG C - Dust deposition gauge C - Ancillary facility site C - adjacent 20C Strongs Road, Jaspers Brush
4	Dust deposition monitoring		DDG D - Dust deposition gauge D - Ancillary facility site D - adjacent 10C Jaspers Brush Road, Jaspers Brush
5	Dust deposition monitoring		DDG E - Dust deposition gauge E - Ancillary facility site E - adjacent 30 Ison Lane, Jaspers Brush
6	Dust deposition monitoring		DDG F - Dust deposition gauge F - Ancillary facility site F - adjacent Lot 209 DP 1210788
7	Dust deposition monitoring		DDG H - Dust deposition gauge H - Ancillary facility site H - adjacent 10 Lamonds Lane, Meroo Meadow
8	Dust deposition monitoring		DDG I - Dust deposition gauge I - Ancillary facility site I - adjacent 19 Boxsells Lane, Meroo Meadow
9	Dust deposition monitoring		DDG J/K - Dust deposition gauge J/K - Ancillary facility sites J and K - adjacent 265 Princes Highway, Meroo Meadow
10	Dust deposition monitoring		DDG L - Dust deposition gauge L - Ancillary facility site L - adjacent 1028 Meroo Road, Meroo Meadow
11	Dust deposition monitoring		DDG M - Dust deposition gauge M - Princes Highway - adjacent 32 Elvin Drive, Bomaderry

Environment Protection Licence



Licence - 21029

12	Dust deposition monitoring	DDG N - Dust deposition gauge N - Devitt's Lane - adjacent 9 Devitt's Lane, Meroo Meadow
13	Dust deposition monitoring	DDG P - Dust deposition gauge P - Abernethys Lane - adjacent 24 Abernethys Lane, Meroo Meadow

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
14	Discharge to waters, discharge quality monitoring	Discharge to waters, discharge quality monitoring	The outlets from the sediment basins referred to in Condition P1.4

P1.4 For the purpose of this licence, the discharge points referred to at Condition P1.3 of this licence are those sediment basins identified in the most recent version of the document "BBU EPL Application - Attachment 8 - Discharge Locations", held by the EPA as DOC17/554968.

P1.5 The licensee, in commissioning a new sediment basin, may only vary the discharge point locations identified in Condition P1.3 if it provides the EPA with a copy of the revised document/s identified at Condition P1.4 of the licence, at least 7 days prior to the commissioning on the premises.

P1.6 The licensee, in decommissioning an existing sediment basin, may only vary the discharge point locations identified in Condition P1.3 if it provides the EPA with a copy of the revised document/s identified at Condition P1.4 of the licence, at least 21 days prior to the decommissioning on the premises.

P1.7 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
15	Noise monitoring	L1 - B210 Princes Highway, Jaspers Brush
16	Noise monitoring	L2 - 20C Strongs Road, Jaspers Brush
17	Noise monitoring	L3 - 30 Ison Lane, Jaspers Brush
18	Noise monitoring	L5 - 15 Turner Lane, Jaspers Brush
19	Noise monitoring	L6 - B710 Princes Highway, Jaspers Brush

Environment Protection Licence

Licence - 21029



20	Noise monitoring	L7 - 310C Princes Highway, Jaspers Brush
21	Noise monitoring	BG08 - 19 Boxsells Lane, Meroo Meadow
22	Noise monitoring	BG09 - 1028 Meroo Road, Meroo Meadow
23	Noise monitoring	L8 - 24 Abernethys Lane, Meroo Meadow
24	Noise monitoring	BG10 - 35 Gardenia Crescent, Bomaderry
25	Noise monitoring	BG11 - 38 Elvin Drive, Bomaderry
26	Meteorological Station	Automatic Weather Station at Ison Lane, Jaspers Brush

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 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 14

Pollutant	Units of Measure	50 Percentile concentration limit	90 Percentile concentration limit	3DGM concentration limit	100 percentile concentration limit
Oil and Grease	Visible				Not visible
pH	pH				6.5-8.5

Environment Protection Licence



Licence - 21029

Total suspended solids	milligrams per litre	50
------------------------	----------------------	----

- L2.5 Exceeding the limits specified in Condition L2.4 of this licence for pH and total suspended solids (TSS) for discharges from the sediment basins identified by Conditions P1.3 and P1.4 is only permitted when the discharge occurs solely as a result of rainfall measured at the premises. The rainfall must exceed the 5 day rainfall depth value for the corresponding discharge point in the table below over a consecutive 5 day period for discharge to be considered to occur solely as a result of rainfall.

EPA identification number	Classification of basin	Design 5 day rainfall event (mm)
14	85th	48.2

- L2.6 If the licensee uses turbidity (NTU) in place of TSS to determine compliance with Condition L2.4, the licensee must develop a statistical correlation which identifies the relationship between NTU and TSS for water quality from the discharge points in order to determine the NTU equivalent of 50 mg/L TSS before its use.
- L2.7 The licensee must provide the EPA with a copy of the statistical correlation assessment methodology and results before using NTU in place of TSS.
- L2.8 The licensee must develop and implement a method to enable the ongoing verification of the relationship between NTU and TSS.
- L2.9 The licensee must provide the EPA with any amendments the licensee makes to the statistical correlation as a result of the ongoing verification required by Condition L2.8 before using the revised statistical correlation.

L3 Blasting

- L3.1 The overpressure level from blasting operations carried out in or on the premises must not exceed:

- 115 dB(L) for more than 5% of the total number of blasts carried out on the premises within the 12 months annual reporting period; and
- 120 dB(L) at any time

at any residence or noise sensitive location (such as a school or hospital) that is not owned by the licensee or subject of a private agreement between the owner of the residence or noise sensitive location and the licensee as to an alternative overpressure level.

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.

- L3.2 The ground vibration peak particle velocity from the blasting operations carried out in or on the premises

Environment Protection Licence



Licence - 21029

must not exceed:

- a) 5mm/sec for more than 5% of the total number of blasts carried out on the premises within the 12 months annual reporting period; and
- b) 10mm/sec at any time at any residence or noise sensitive location (such as a school or hospital) that is not owned by the licensee or subject of a private agreement between the owner of the residence or noise sensitive location and the licensee as to an alternative ground vibration peak particle velocity.

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.

L4 Hours of operation

Construction Hours

- L4.1 Unless otherwise specified by any other condition of this licence, all construction must only be carried out during the operating hours in the table below:

Day	Time
Monday to Friday	7.00am to 6.00pm
Saturday	8.00am to 1.00pm
Sunday or Public Holiday	NIL

Out of Standard Construction Hours

- L4.2 The three categories of works that may be undertaken outside the standard hours of operation permitted by Condition L4.1 are:
- (a) the delivery of oversized plant or structures that police or other authorised authorities determine require special arrangements to transport along public roads;
 - (b) emergency work to avoid the loss of lives or property, or to prevent environmental harm; or
 - (c) works that are not more than 5 dB(A) over the rating background level at the nearest noise sensitive receiver as assessed by acoustic investigation.
- L4.3 The licensee must notify the EPA within 24 hours of undertaking any works referred to in Condition L4.2 as well as providing the EPA with a copy of the results of any acoustic investigation made in relation to Condition L4.2(c) within 24 hours.
- L4.4 The licensee may undertake works outside of standard construction hours if agreement between the licensee and the potentially affected noise sensitive receivers has been reached. Any agreement(s) between the licensee and the noise sensitive receiver must be recorded in writing and a copy of the agreement(s) kept on the premises by the licensee for the duration of this licence.
- L4.5 Notification of works approved outside of standard construction hours
- (a) The licensee must notify potentially affected noise sensitive receivers of works approved outside of standard construction hours not less than 5 days and not more than 14 days before those works are to be

Environment Protection Licence



Licence - 21029

undertaken.

(b) The notification must be:

- (i) by letterbox drop; and
- (ii) be detailed on the project website

(c) The notification required by paragraphs (a) and (b) of this condition must:

- (i) clearly outline the reason the work is required to be undertaken outside the hours specified in condition L4.1;
- (ii) include a diagram that clearly identifies the location of the proposed works in relation to nearby cross streets and local landmarks,
- (iii) include details of relevant time restrictions that apply to the proposed works,
- (iv) clearly outline, in plain English, the location, nature, scope and duration of the proposed works,
- (v) detail the expected noise impact of the works on noise sensitive receivers;
- (vi) clearly state how complaints may be made and additional information obtained; and
- (vii) include the number of the telephone complaints line required by Condition M6.1, an after-hours contact phone number specific to the works undertaken outside the hours specified in Condition L4.1, and the project website address.

L4.6 Work generating high noise impact

Any work generating high noise impact, excluding blasting operations covered in Condition L4.7, must only be undertaken:

- a) between the hours of 8:00am and 6:00pm Monday to Friday;
- b) between the hours of 8:00am and 1:00pm Saturday; and
- c) in continuous blocks of no more than 3 hours, with at least a 1 hour respite between each block of work generating high noise impact, where the location of the work is likely to impact the same receivers; except as expressly permitted by another condition of this licence.

For the purposes of this Condition 'continuous' includes any period during which there is less than a 1 hour respite between ceasing and recommencing any of the work the subject of this Condition.

Blasting Hours

L4.7 Unless otherwise specified by any other condition of this licence, all blasting must only be carried out during the operating hours in the table below:

Day	Time
Monday to Friday	9.00am to 5.00pm
Saturday	9.00am to 1.00pm
Sunday or Public Holiday	NIL

Note: This condition does not apply in the event of a direction from the NSW Police Force or other relevant authority for safety or emergency reasons to avoid loss of life, property loss and/or to prevent environmental harm. Where compelling safety reasons exist, the EPA may permit a blast to occur outside the above hours. A prior written request of any such blast must be made to the EPA.

Environment Protection Licence

Licence - 21029



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 operations and activities occurring at the premises must be carried out in a manner that minimises or prevents the emission of dust from the premises.

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

Environment Protection Licence



Licence - 21029

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 1,2,3,4,5,6,7,8,9,10,11,12,13

Pollutant	Units of measure	Frequency	Sampling Method
Solid Particles	grams per square metre per month	Monthly	Composite sample

Note: For the purposes of the table(s) above Special Frequency 1 means the collection of samples over a 24 hour period, every 6 days.

M2.3 Water and/ or Land Monitoring Requirements

POINT 14

Pollutant	Units of measure	Frequency	Sampling Method
Oil and Grease	Visible	Daily during any discharge	Visual Inspection
pH	pH	Daily during any discharge	Probe
Total suspended solids	milligrams per litre	Daily during any discharge	Grab sample

Note: The monitoring frequency for Point 14 in the table above does not apply where the discharge occurs in accordance with Condition L2.5.

M2.4 Noise Monitoring Requirements

Monitoring Point	Pollutant	Unit of Measure	Frequency	Sampling Method
15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25	Noise	dB(A)	Monthly	Australian Standard 2436-2010 Guide to noise control on construction, maintenance and demolition sites

Environment Protection Licence



Licence - 21029

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 2010* 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 Rainfall at the premises must be measured and recorded in millimetres per 24 hour period at the same time each day at Point 26, listed in Condition P1.7.

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:
- the date and time of the complaint;
 - the method by which the complaint was made;
 - any personal details of the complainant which were provided by the complainant or, if no such details were provided, a note to that effect;
 - the nature of the complaint;
 - the action taken by the licensee in relation to the complaint, including any follow-up contact with the complainant; and
 - 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.

Environment Protection Licence



Licence - 21029

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 immediately upon the date of the issue of this licence.
- M6.4 Prior to the commencement of the licensed activity, the licensee must ensure that the project's website home page provides ready access to clear and concise information about:
- how to make a complaint on the telephone complaints line referred to in Condition M6.1;
 - how complaints on the telephone complaints line will be processed.

M7 Blasting

- M7.1 To determine compliance with condition(s) L3.1 and L3.2
- Airblast overpressure and ground vibration must be measured and electronically recorded at the nearest residence or noise sensitive sites (as defined in "*Technical Basis for Guidelines to Minimise Annoyance due to Blasting Overpressure and Ground Vibration*" (ANZECC 1990) or as otherwise directed by an authorised officer of the EPA for all blasts carried out in or on the premises; and
 - Instrumentation used to measure the airblast overpressure and ground vibration must meet the requirements of Australian Standard AS 2187.2-2006.

M8 Other monitoring and recording conditions

- M8.1 All erosion and sediment control measures installed on the premises must be inspected and works undertaken to repair and/or maintain these controls:
- weekly during normal construction hours outlined in Condition L4.1;
 - daily during periods of rainfall; and
 - within 24 hours of cessation of a rainfall event causing runoff to occur on or from the premises.

The licensee must record all such inspections including observations and works undertaken to repair and/or maintain erosion and sediment controls.

6 Reporting Conditions

Environment Protection Licence



Licence - 21029

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 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.

Environment Protection Licence

Licence - 21029



R2 Notification of environmental harm

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

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.

R2.2 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.

R4 Other reporting conditions

R4.1 The licensee must provide the EPA with a monthly report containing the following information:

Environment Protection Licence

Licence - 21029



- a) details of all non-compliances with the conditions of this licence and measures taken, or proposed, to prevent a recurrence of such a non-compliance;
- b) details of all discharges from the sediment basins as prescribed by Condition M2.3;
- c) details of all air monitoring results as prescribed by Condition M2.2 ;
- d) details of all noise monitoring results as prescribed by Condition M2.4;
- e) details of any complaints received in relation to the works governed by this licence;
- f) details of rainfall received over the reporting period at the location defined in Condition M4.1; and
- g) details of any blast monitoring carried out as prescribed by Condition M7.1.

The report referred to in this condition must be received by the EPA within 10 working days of the end of each month.

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.

Environment Protection Licence

Licence - 21029

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 - 21029

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 - 21029

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 Stefan Press

Environment Protection Authority

(By Delegation)

Date of this edition: 25-May-2018

End Notes

- 1 Licence transferred through application 1566313 approved on 12-Jul-2018 , which came into effect on 14-Jul-2018
- 2 Licence varied by notice 1567284 issued on 18-Sep-2018
- 3 Licence varied by notice 1572434 issued on 30-Nov-2018