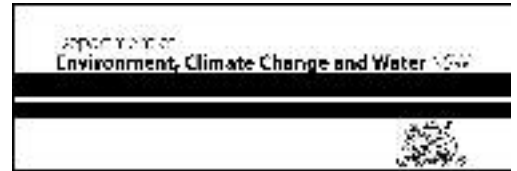


# Environment Protection Licence

Licence - 1323



## Licence Details

|                   |             |
|-------------------|-------------|
| Number:           | 1323        |
| Anniversary Date: | 01-May      |
| Review Due Date:  | 19-Aug-2014 |

## Licensee

ANGLO COAL (DRAYTON MANAGEMENT) PTY LIMITED  
 PMB 9  
 MUSWELLBROOK NSW 2333

## Licence Type

Premises

## Premises

DRAYTON COAL MINE  
 THOMAS MITCHELL DRIVE  
 MUSWELLBROOK NSW 2333

## Scheduled Activity

Mining for coal  
 Coal works

## Fee Based Activity

Mining for coal  
 Coal works

## Scale

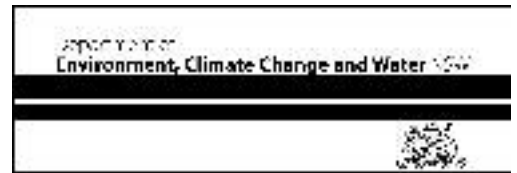
> 3500000 - 5000000 T produced  
 > 2000000 - 5000000 T loaded

## Region

North East - Hunter  
 Ground Floor, NSW Govt Offices, 117 Bull Street  
 NEWCASTLE WEST NSW 2302  
 Phone: 02 49086800  
 Fax: 02 49086810  
 PO Box 488G NEWCASTLE  
 NSW 2300

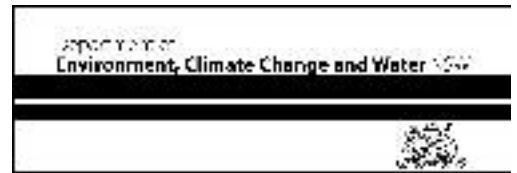
# Environment Protection Licence

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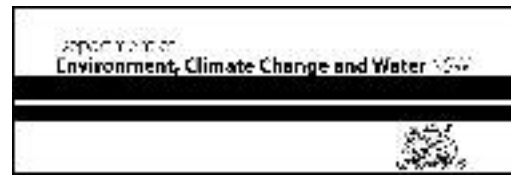
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## Information about this licence

### 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); and
- 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

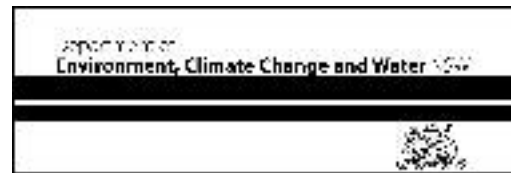
For each licence fee period you must pay:

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

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

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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:

|  |
|--|
| <b>ANGLO COAL (DRAYTON MANAGEMENT) PTY LIMITED</b> |
| <b>PMB 9</b>                                       |
| <b>MUSWELLBROOK NSW 2333</b>                       |

subject to the conditions which follow.

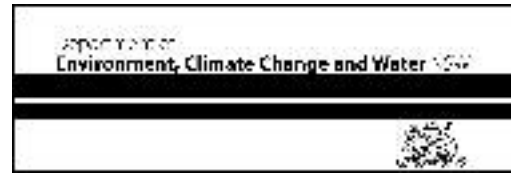
## 1 Administrative conditions

### A1 What the licence authorises and regulates

A1.1 Not applicable.

A1.2 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-

# Environment Protection Licence



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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.

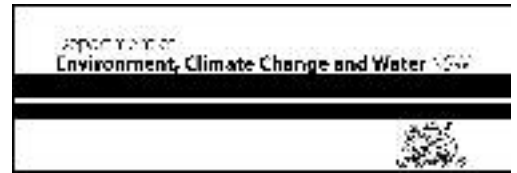
| Scheduled Activity |
|--------------------|
| Mining for coal    |
| Coal works         |

| Fee Based Activity | Scale                          |
|--------------------|--------------------------------|
| Mining for coal    | > 3500000 - 5000000 T produced |
| Coal works         | > 2000000 - 5000000 T loaded   |

A1.3 Not applicable.

# Environment Protection Licence

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## A2 Premises to which this licence applies

A2.1 The licence applies to the following premises:

|   |
|---|
| <b>Premises Details</b>   |
| <b>DRAYTON COAL MINE</b>  |
| <b>THOMAS MITCHELL DRIVE</b>  |
| <b>MUSWELLBROOK</b>   |
| <b>NSW</b>  |
| <b>2333</b>   |
|   |
|   |
|   |
| <b>Premises boundary as shown on drawing titled "EPA LICENCE AREA, PLAN NO ENV-0005 " dated 12 MARCH2009.</b> |

## A3 Other activities

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

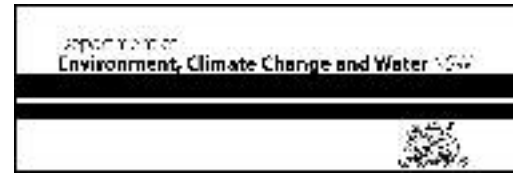
|  |
|--|
|  |
| Extractive Industries - small gravel quarry      |
| Sewage Treatment System with a capacity <300 EP. |

## A4 Information supplied to the EPA

A4.1 Works and activities must be carried out in accordance with the proposal contained in the licence application, except as expressly provided by a condition of this licence.

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

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



## 2 Discharges to air and water and applications to land

### P1 Location of monitoring/discharge points and areas

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

#### *Air*

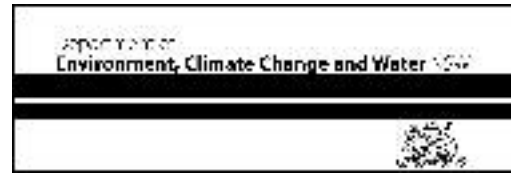
| EPA Identification no. | Type of Monitoring Point                            | Type of Discharge Point | Description of Location   |
|------------------------|---|-------------------------|---|
| 1                      | Particulate monitoring (dust deposition network)    |                         | At locations where dust deposition levels are representative of the levels experienced at residential properties, or other sensitive receivers, resulting from the operation of the mine.   |
| 2                      | Total suspended particles (TSP) matter network      |                         | At locations where the level of particulate matter being sampled is representative of emissions from the operation of the mine taking into account prevailing wind direction and the location of residential properties or other sensitive receivers. |
| 4                      | Particulate monitoring<br>Particulate matter (PM10) |                         | At locations where the level of particulate matter being sampled is representative of emissions from the operation of the mine taking into account prevailing wind direction and the location of residential properties or other sensitive receivers  |

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.

P1.3 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.

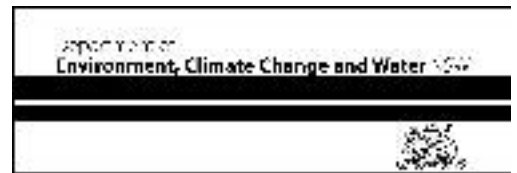
# Environment Protection Licence

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## *Water and land*

| EPA identification no. | Type of monitoring point                                      | Type of discharge point                                       | Description of location  |
|------------------------|---|---|--|
| 3                      | Discharge to utilisation area.<br>Effluent volume monitoring. | Discharge to utilisation area.<br>Effluent volume monitoring. | Utilisation area as shown on Drayton Coal Pty Ltd's Map No. ENV-0005, dated 12-MAR-2009. |



### 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 Load limits

L2.1 Not applicable.

L2.2 Not applicable.

#### L3 Concentration limits

L3.1 Not applicable.

L3.2 Not applicable.

L3.3 Not applicable.

#### L4 Volume and mass limits

L4.1 For each discharge point or utilisation area specified below (by a point number), the volume/mass of:

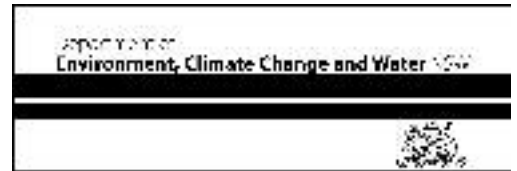
- (a) liquids discharged to water; or;
- (b) solids or liquids applied to the area;

must not exceed the volume/mass limit specified for that discharge point or area.

| Point | Unit of measure    | Volume/Mass Limit |
|-------|--------------------|-------------------|
| 3     | kilolitres per day | 140               |

# Environment Protection Licence

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## L5 Waste

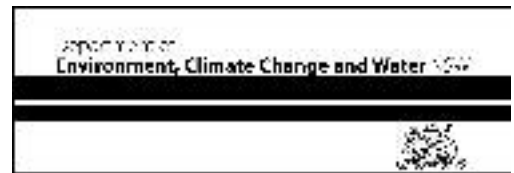
L5.1 Not applicable.

## L6 Noise Limits

L6.1 Noise generated at the premises must not exceed the noise limits presented in the table below. The noise limits in the table below represent the noise contribution from the premises.

| Land Number | Day                         | Evening                     | Night                       |                           |
|-------------|-----------------------------|-----------------------------|-----------------------------|---------------------------|
|             | $L_{Aeq(15\text{ minute})}$ | $L_{Aeq(15\text{ minute})}$ | $L_{Aeq(15\text{ minute})}$ | $L_{A1(1\text{ minute})}$ |
| 12          | 36                          | 36                          | 36                          | 47                        |
| 13          | 36                          | 36                          | 35                          | 47                        |
| 14          | 40                          | 39                          | 38                          | 47                        |
| 16          | 41                          | 41                          | 39                          | 47                        |
| 17          | 37                          | 38                          | 36                          | 47                        |
| 18          | 38                          | 39                          | 38                          | 47                        |
| 19          | 40                          | 40                          | 39                          | 47                        |
| 20          | 39                          | 40                          | 39                          | 47                        |
| 21          | 38                          | 38                          | 38                          | 47                        |
| 22          | 38                          | 38                          | 38                          | 47                        |
| 23          | 35                          | 35                          | 35                          | 47                        |
| 25          | 36                          | 37                          | 37                          | 47                        |
| 26          | 36                          | 37                          | 38                          | 47                        |
| 27          | 36                          | 37                          | 39                          | 47                        |
| 28          | 35                          | 37                          | 40                          | 47                        |
| 29          | 35                          | 35                          | 36                          | 47                        |
| 31          | 35                          | 35                          | 37                          | 47                        |
| 32          | 35                          | 35                          | 40                          | 47                        |
| 33          | 35                          | 35                          | 38                          | 47                        |
| 34          | 35                          | 35                          | 36                          | 47                        |
| 35          | 35                          | 35                          | 35                          | 47                        |
| 37          | 35                          | 35                          | 35                          | 47                        |
| 42          | 35                          | 35                          | 35                          | 47                        |
| 61          | 39                          | 40                          | 39                          | 47                        |
| 69          | 35                          | 37                          | 41                          | 47                        |
| 70          | 35                          | 36                          | 41                          | 47                        |

# Environment Protection Licence



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|                                |    |    |    |    |
|--------------------------------|----|----|----|----|
| 71                             | 35 | 35 | 41 | 47 |
| 72                             | 36 | 37 | 42 | 47 |
| 75                             | 35 | 35 | 41 | 47 |
| 76                             | 35 | 36 | 42 | 47 |
| 86                             | 35 | 35 | 38 | 47 |
| All other privately-owner land | 35 | 35 | 35 | 45 |

$L_{Aeq}$  means the equivalent continuous noise level – the level equivalent to the energy average of noise levels occurring over a measurement period.

#### Notes:

- **Day** is defined as the period from 7am to 6pm Monday to Saturday and 8am to 6pm Sundays and Public Holidays.
- **Evening** is defined as the period of 6pm to 10pm.
- **Night** is defined as the period from 10pm to 7am Monday to Saturday and 10pm to 8am on Sundays and Public Holidays.
- These limits do not apply if the Licensee has an approved agreement with the relevant owner/s of these residences to generate higher noise levels.
- Land identification numbers refer to the document titled “*Drayton Mine Extension Environmental Assessment, Volumes 1 & 2*”, prepared by Hansen Bailey for Anglo Coal (Drayton Management) Pty Limited and dated August 2007.

L6.2 To determine compliance with the  $L_{Aeq(15 \text{ minutes})}$  conditions L6.1 noise from the premises must be measured at, or computed for, the most affected point on or within the residential boundary, or at the most affected point within 30m of the dwelling (rural situations) where the dwelling is more than 30m from the boundary.

Where it can be demonstrated that direct measurement of noise from the premises is impractical, DECC may accept alternative means of determining compliance. See Chapter 11 of the NSW Industrial Noise Policy.

The modification factors presented in Section 4 of the NSW Industrial Noise Policy shall be applied to the measured noise levels where applicable.

L6.3 To determine compliance with  $L_{A1(1 \text{ minute})}$  conditions L6.1 noise from the premises is to be measured at 1m from the dwelling façade.

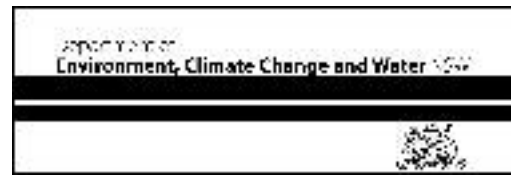
Where it can be demonstrated that direct measurement of noise from the premises is impractical, DECC may accept alternative means of determining compliance. See Chapter 11 of the NSW industrial Noise Policy.

L6.4 The noise emission limits identified in conditions L6.1 apply under meteorological conditions of:

- Wind speed up to 3m/s at 10 metres above ground level; or
- Temperature inversion conditions of up to 3°C/100m and wind speed up to 2m/s at 10 metres above the ground.

## L7 Blasting limits

# Environment Protection Licence



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L7.1 Blasting in or on the premises must only be carried out between 900 hours and 1700 hours, Monday to Saturday (EST) and 900 hours and 1800 hours Monday to Saturday (DST). Blasting in or on the premises must not take place on Sundays or Public Holidays without the prior approval of the EPA.

L7.2 The airblast overpressure level from blasting operations in or on the premises must not exceed:

- (a) 115 dB (Lin Peak) for more than 5% of the total number of blasts during each reporting period; and
- (b) 120 dB (Lin Peak) at any time.

At any residence or noise sensitive location 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 .

L7.3 The ground vibration peak particle velocity from blasting operations carried out in or on the premises must not exceed:

- (a) 5mm/s for more than 5% of the total number of blasts carried out on the premises during each reporting period; and
- (b) 10 mm/s at any time.

At any residence or noise sensitive location that is not owned by the licensee or subject of a private agreement between the owner of the residence or noise sensitive location and the licensee as to an alternative ground vibration level .

## L8 Potentially offensive odour

L8.1 Not applicable.

## 4 Operating conditions

### O1 Activities must be carried out in a competent manner

O1.1 Licensed activities must be carried out in a competent manner.

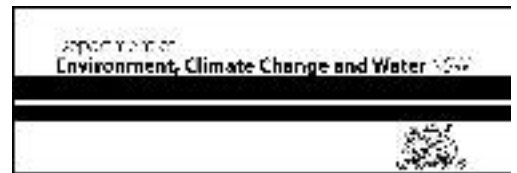
This includes:

- (a) the processing, handling, movement and storage of materials and substances used to carry out the activity; and
- (b) the treatment, storage, processing, reprocessing, transport and disposal of waste generated by the activity.

### O2 Maintenance of plant and equipment

O2.1 All plant and equipment installed at the premises or used in connection with the licensed activity:

- (a) must be maintained in a proper and efficient condition; and
- (b) must be operated in a proper and efficient manner.



## **O3 Dust**

- O3.1 The premises must be maintained in a condition which minimises or prevents the emission of dust from the premises.
- O3.2 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 Management of utilisation area**

- O4.1 Effluent application must not occur in a manner which 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 Incineration**

- O5.1 There must be no incineration or open burning of any material(s) on the premises, except as specifically authorised by the EPA.

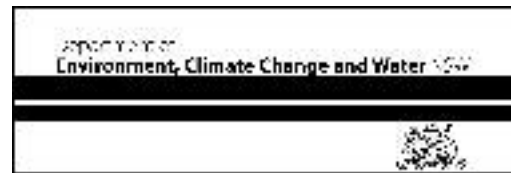
# **5 Monitoring and recording conditions**

## **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;

# Environment Protection Licence

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- (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:

*Air*

### POINT 1

| Pollutant                       | Units of measure                 | Frequency                      | Sampling Method |
|---------------------------------|----------------------------------|--------------------------------|-----------------|
| Particulates - Deposited Matter | grams per square metre per month | Once a month (min. of 4 weeks) | AM-19           |

### POINT 2

| Pollutant                 | Units of measure           | Frequency    | Sampling Method |
|---------------------------|----------------------------|--------------|-----------------|
| Total suspended particles | micrograms per cubic metre | Every 6 days | AM-15           |

### POINT 4

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

## M3 Testing methods - concentration limits

M3.1 Monitoring for the concentration of a pollutant emitted to the air required to be conducted by this licence must be done in accordance with:

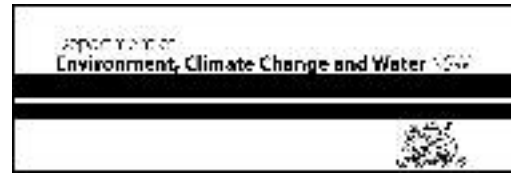
- (a) any methodology which is required by or under the Act to be used for the testing of the concentration of the pollutant; or
- (b) if no such requirement is imposed by or under the Act, any methodology which a condition of this licence requires to be used for that testing; or
- (c) if no such requirement is imposed by or under the Act or by a condition of this licence, any methodology approved in writing by the EPA for the purposes of that testing prior to the testing taking place.

Note: The Protection of the Environment Operations (Clean Air) Regulation 2002 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 Not applicable.

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## M4 Recording of pollution complaints

- M4.1 The licensee must keep a legible record of all complaints made to the licensee or any employee or agent of the licensee in relation to pollution arising from any activity to which this licence applies.
- M4.2 The record must include details of the following:
- (a) the date and time of the complaint;
  - (b) the method by which the complaint was made;
  - (c) any personal details of the complainant which were provided by the complainant or, if no such details were provided, a note to that effect;
  - (d) the nature of the complaint;
  - (e) the action taken by the licensee in relation to the complaint, including any follow-up contact with the complainant; and
  - (f) if no action was taken by the licensee, the reasons why no action was taken.
- M4.3 The record of a complaint must be kept for at least 4 years after the complaint was made.
- M4.4 The record must be produced to any authorised officer of the EPA who asks to see them.

## M5 Telephone complaints line

- M5.1 The licensee must operate during its operating hours a telephone complaints line for the purpose of receiving any complaints from members of the public in relation to activities conducted at the premises or by the vehicle or mobile plant, unless otherwise specified in the licence.
- M5.2 The licensee must notify the public of the complaints line telephone number and the fact that it is a complaints line so that the impacted community knows how to make a complaint.
- M5.3 Conditions M5.1 and M5.2 do not apply until 3 months after:
- (a) the date of the issue of this licence or
  - (b) if this licence is a replacement licence within the meaning of the Protection of the Environment Operations (Savings and Transitional) Regulation 1998, the date on which a copy of the licence was served on the licensee under clause 10 of that regulation.

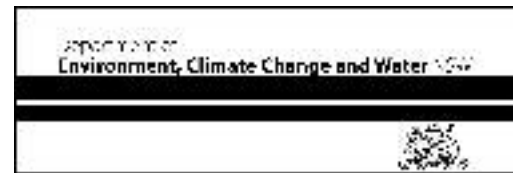
## M6 Requirement to monitor volume or mass

- M6.1 Not applicable.

## M7 Blasting monitoring

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M7.1 To determine compliance with condition(s) L7.2 and L7.3:

- (a) Airblast overpressure and ground vibration levels must be measured at the most affected residence or noise sensitive location that is not owned by the licensee or subject to a private agreement between the owner of the residence or noise sensitive location and the licensee as to an alternative blasting level - for all blasts carried out in or on the premises; and
- (b) Instrumentation used to measure the airblast overpressure and ground vibration levels must meet the requirements of Australian Standard 2187.2 of 1993.

## M8 Requirement to monitor meteorological data

M8.1 The Licensee must collect and analyse meteorological data for the parameters specified for each monitoring point at the frequency, and using the method, specified for each parameter.

### *Meteorological Monitoring*

**POINT:** Site meteorological station located at Easting: 305416 Northing: 6420505.

| Parameter             | Units of measure | Averaging Period | Method (see note 1) | Frequency  |
|-----------------------|------------------|------------------|---------------------|------------|
| Siting                | NA               | NA               | AM-1 & AM-4         |            |
| Measurement           | NA               | NA               | AM-2 & AM-4         |            |
| Wind Speed @ 10 m     | m/s              | 10 minutes       | AM2 & AM-4          | Continuous |
| Wind Direction @ 10 m |                  | 10 minutes       | AM-2 & AM-4         | Continuous |
| Temperature @ 1.2 m   | Degrees C        | 1 hour           | AM-4                | Continuous |
| Rainfall              | mm               | 24 hours         | Standard rain gauge | Continuous |

Note:

- (1) All methods are specified in the *Approved Methods for the sampling and Analysis of Air pollutants in New South Wales* and all monitoring must be conducted strictly in accordance with the requirements outlined in this document.

## M9 Requirement to monitor noise

M9.1 Every six months the Licensee must monitor noise from the premises in accordance with Conditions L6.2 and L6.3 to determine compliance with the limits specified in Condition L6.1.

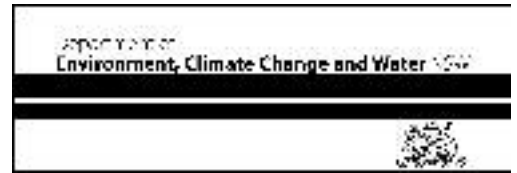
# 6 Reporting conditions

## R1 Annual return documents

### What documents must an Annual Return contain?

- R1.1 The licensee must complete and supply to the EPA an Annual Return in the approved form comprising:
- (a) a Statement of Compliance; and
  - (b) a Monitoring and Complaints Summary.

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A copy of the form in which the Annual Return must be supplied to the EPA accompanies this licence. Before 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.

## Period covered by Annual Return

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.

## Deadline for Annual Return

R1.5 The Annual Return for the reporting period must be supplied to the EPA 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').

## Notification where actual load can not be calculated

R1.6 Not applicable.

## Licensee must retain copy of Annual Return

R1.7 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.

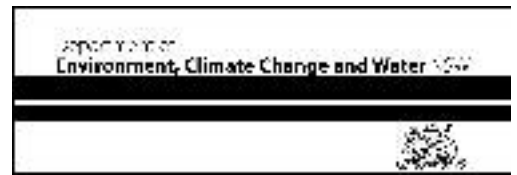
## Certifying of Statement of Compliance and signing of Monitoring and Complaints Summary

R1.8 Within the Annual Return, the Statement of Compliance must be certified and the Monitoring and Complaints Summary must be signed by:  
(a) the licence holder; or  
(b) by a person approved in writing by the EPA to sign on behalf of the licence holder.

R1.9 A person who has been given written approval to certify a certificate of compliance under a licence

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issued under the Pollution Control Act 1970 is taken to be approved for the purpose of this condition until the date of first review of this licence.

## R2 Notification of environmental harm

Note: The licensee or its employees must notify the EPA of incidents causing or threatening material harm to the environment as soon as practicable after the person becomes aware of the incident in accordance with the requirements of Part 5.7 of the Act.

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

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

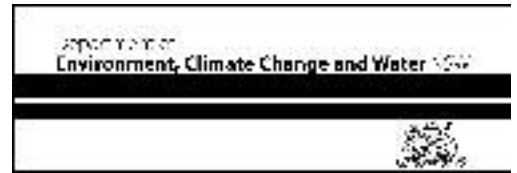
R3.3 The request may require a report which includes any or all of the following information:

- (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.

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## **R4 Reporting of exceedences of blasting limits**

R4.1 The licensee must report any exceedence of the licence blasting limits to the regional office of the EPA as soon as practicable after the exceedence becomes known to the licensee or to one of the licensee's employees or agents.

## **R5 Spontaneous Combustion Control Program Reporting**

R5.1 The monthly summaries, assessments and maps prepared under the spontaneous combustion control program must be submitted to the EPA in the form of a half yearly report. The licensee must forward a copy of each report to the regional office of the EPA no later than two (2) months after the half yearly period being reported.

R5.2 The monthly summaries, assessments and maps must be retained by the licensee for not less than three (3) years following the period under review. The records must be kept in a legible form and must be made available to any authorised officer of the EPA on request.

## **R6 Noise Monitoring Report**

R6.1 A noise compliance assessment report must be submitted to DECC on an annual basis with the Annual Return as set out in Condition R1. The report must be prepared by an accredited acoustical consultant and determine compliance with the noise limits in Condition L6.1.

## **General conditions**

### **G1 Copy of licence kept at the premises**

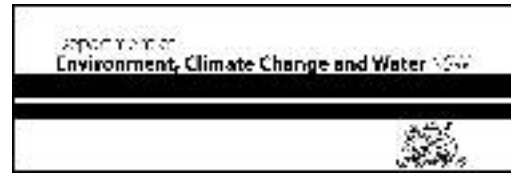
G1.1 A copy of this licence must be kept at the premises to which the licence applies.

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.

## **Pollution studies and reduction programs**

U1.1 Not applicable.



## Special conditions

### E1 Spontaneous combustion control program

- E1.1 Carbonaceous material that is prone to self heating and which is not extracted as run of mine coal must be selectively removed and purposely disposed of in such a manner that will prevent the development of spontaneous combustion at the disposal site.
- E1.2 The licensee must implement a Spontaneous Combustion Control Program which must include, but may not be limited to, the following:-
- (a) A monthly summary of actions and procedures undertaken to prevent the development or to control the spread of spontaneous combustion at the premises.
  - (b) An assessment of the effectiveness of the actions and procedures undertaken every month in preventing the development and control of the spread of spontaneous combustion at the premises.
  - (c) Monthly mapping of the approximate location of the areas subject of spontaneous combustion at the premises. The map must show the respective areas in square metres of each area affected and must include a key to show the relative intensity of the heatings.

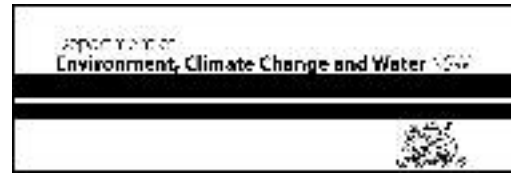
## Dictionary

### General Dictionary

In this licence, unless the contrary is indicated, the terms below have the following meanings:

|  |  |
|--|--|
| <b>3DGM [in relation to a concentration limit]</b> | 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 |
| <b>Act</b>   | Means the Protection of the Environment Operations Act 1997  |
| <b>activity</b>                                    | Means a scheduled or non-scheduled activity within the meaning of the Protection of the Environment Operations Act 1997  |
| <b>actual load</b>                                 | Has the same meaning as in the Protection of the Environment Operations (General) Regulation 1998  |
| <b>AM</b>  | 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> .   |
| <b>AMG</b>   | Australian Map Grid  |
| <b>anniversary date</b>                            | 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.                            |

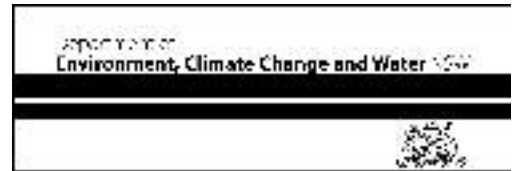
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|  |   |
|--|---|
| <b>annual return</b>                         | Is defined in R1.1  |
| <b>Approved Methods Publication</b>          | Has the same meaning as in the Protection of the Environment Operations (General) Regulation 1998   |
| <b>assessable pollutants</b>                 | Has the same meaning as in the Protection of the Environment Operations (General) Regulation 1998   |
| <b>BOD</b>                                   | Means biochemical oxygen demand   |
| <b>CEM</b>                                   | 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> . |
| <b>COD</b>                                   | Means chemical oxygen demand  |
| <b>composite sample</b>                      | 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.                      |
| <b>cond.</b>                                 | Means conductivity  |
| <b>environment</b>                           | Has the same meaning as in the Protection of the Environment Operations Act 1997  |
| <b>environment protection legislation</b>    | Has the same meaning as in the Protection of the Environment Administration Act 1991  |
| <b>EPA</b>                                   | Means Environment Protection Authority of New South Wales.  |
| <b>fee-based activity classification</b>     | Means the numbered short descriptions in Schedule 1 of the Protection of the Environment Operations (General) Regulation 1998.  |
| <b>flow weighted composite sample</b>        | Means a sample whose composites are sized in proportion to the flow at each composites time of collection.  |
| <b>general solid waste (non-putrescible)</b> | Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997  |
| <b>general solid waste (putrescible)</b>     | Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997  |
| <b>grab sample</b>                           | Means a single sample taken at a point at a single time   |
| <b>hazardous waste</b>                       | Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997  |
| <b>licensee</b>                              | Means the licence holder described at the front of this licence   |
| <b>load calculation protocol</b>             | Has the same meaning as in the Protection of the Environment Operations (General) Regulation 1998   |
| <b>local authority</b>                       | Has the same meaning as in the Protection of the Environment Operations Act 1997  |
| <b>material harm</b>                         | Has the same meaning as in section 147 Protection of the Environment Operations Act 1997  |
| <b>MBAS</b>                                  | Means methylene blue active substances  |
| <b>Minister</b>                              | Means the Minister administering the Protection of the Environment Operations Act 1997  |
| <b>mobile plant</b>                          | Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997  |
| <b>motor vehicle</b>                         | Has the same meaning as in the Protection of the Environment Operations Act 1997  |
| <b>O&amp;G</b>                               | Means oil and grease  |

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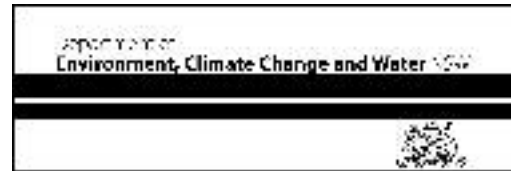
|  |  |
|--|--|
| <b>percentile [in relation to a concentration limit of a sample]</b> | Means that percentage [eg.50%] of the number of samples taken that must meet the concentration limit specified in the licence for that pollutant over a specified period of time. In this licence, the specified period of time is the Reporting Period unless otherwise stated in this licence.   |
| <b>plant</b>   | Includes all plant within the meaning of the Protection of the Environment Operations Act 1997 as well as motor vehicles.  |
| <b>pollution of waters [or water pollution]</b>                      | Has the same meaning as in the Protection of the Environment Operations Act 1997   |
| <b>premises</b>  | Means the premises described in condition A2.1   |
| <b>public authority</b>  | Has the same meaning as in the Protection of the Environment Operations Act 1997   |
| <b>regional office</b>   | Means the relevant EPA office referred to in the Contacting the EPA document accompanying this licence   |
| <b>reporting period</b>  | 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. |
| <b>restricted solid waste</b>  | Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997   |
| <b>scheduled activity</b>  | Means an activity listed in Schedule 1 of the Protection of the Environment Operations Act 1997  |
| <b>special waste</b>   | Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997   |
| <b>TM</b>  | 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> .  |
| <b>TSP</b>   | Means total suspended particles  |
| <b>TSS</b>   | Means total suspended solids   |
| <b>Type 1 substance</b>  | Means the elements antimony, arsenic, cadmium, lead or mercury or any compound containing one or more of those elements  |
| <b>Type 2 substance</b>  | Means the elements beryllium, chromium, cobalt, manganese, nickel, selenium, tin or vanadium or any compound containing one or more of those elements  |
| <b>utilisation area</b>  | Means any area shown as a utilisation area on a map submitted with the application for this licence  |
| <b>waste</b>   | Has the same meaning as in the Protection of the Environment Operations Act 1997   |
| <b>waste type</b>  | Means liquid, restricted solid waste, general solid waste (putrescible), general solid waste (non-putrescible), special waste or hazardous waste   |

Mr Mitchell Bennett

Environment Protection Authority

# Environment Protection Licence

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(By Delegation)

Date of this edition - 27-Nov-2009

## End Notes

- 1 Licence varied by notice 1003018, issued on 06-Dec-2000, which came into effect on 31-Dec-2000.
- 2 Licence varied by notice 1008465, issued on 19-Jul-2001, which came into effect on 13-Aug-2001.
- 3 Condition HRSTS Non Dis Note - Credit Holder in "the Scheme" varied by notice issued on <issue date> which came into effect on <effective date>
- 4 Licence varied by notice 1013305, issued on 07-Dec-2001, which came into effect on 01-Jan-2002.
- 5 Licence varied by notice 1024224, issued on 10-Feb-2003, which came into effect on 20-Feb-2003.
- 6 Licence varied by notice 1025260, issued on 26-Feb-2003, which came into effect on 23-Mar-2003.
- 7 Licence varied by notice 1039953, issued on 28-Sep-2004, which came into effect on 23-Oct-2004.
- 8 Licence varied by notice 1043446, issued on 21-Feb-2005, which came into effect on 18-Mar-2005.
- 9 Condition A1.3 Not applicable varied by notice issued on <issue date> which came into effect on <effective date>
- 10 Licence varied by notice 1094057, issued on 21-Jul-2009, which came into effect on 21-Jul-2009.
- 11 Licence varied by notice 1104324, issued on 27-Nov-2009, which came into effect on 27-Nov-2009.