

## Appendix 2

---

# ENVIRONMENT PROTECTION LICENCE 10094

# Environment Protection Licence

Licence - 10094

**Licence Details**

Number:	10094
Anniversary Date:	06-April
Review Due Date:	10-Sep-2014

**Licensee**

WHITEHAVEN COAL MINING LIMITED  
PO BOX 600  
GUNNEDAH NSW 2380

**Licence Type**

Premises

**Premises**

CANYON COAL MINE  
HOADS LANE  
BOGGABRI NSW 2382

**Scheduled Activity**

Mining for coal  
Coal works  
Crushing, grinding or separating

**Fee Based Activity**

Crushing, grinding or separating  
Mining for coal  
Coal works

**Scale**

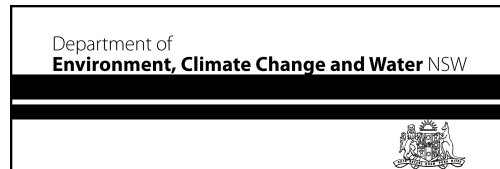
> 500000 - 2000000 T processed  
> 500000 - 2000000 T produced  
0 - 2000000 T loaded

**Region**

North West - Armidale  
Level 1, NSW Govt Offices, 85 Faulkner Street  
ARMIDALE NSW 2350  
Phone: 02 6773 7000  
Fax: 02 6772 2336  
  
PO Box 494 ARMIDALE  
NSW 2350

# Environment Protection Licence

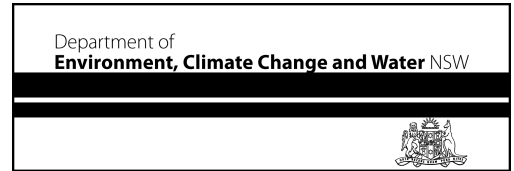
Licence - 10094



<b>INFORMATION ABOUT THIS LICENCE</b> .....	<b>4</b>
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
<b>1 ADMINISTRATIVE CONDITIONS</b> .....	<b>5</b>
A1 What the licence authorises and regulates .....	5
A2 Premises to which this licence applies .....	7
A3 Other activities .....	7
A4 Information supplied to the EPA .....	7
<b>2 DISCHARGES TO AIR AND WATER AND APPLICATIONS TO LAND</b> .....	<b>7</b>
P1 Location of monitoring/discharge points and areas.....	8
<b>3 LIMIT CONDITIONS</b> .....	<b>9</b>
L1 Pollution of waters .....	9
L2 Load limits.....	10
L3 Concentration limits.....	10
L4 Volume and mass limits .....	10
L5 Waste.....	10
L6 Noise Limits .....	10
L7 Hours of Operation .....	11
L8 Blasting Limits.....	11
<b>4 OPERATING CONDITIONS</b> .....	<b>12</b>
O1 Activities must be carried out in a competent manner.....	12
O2 Maintenance of plant and equipment.....	12
O3 Dust.....	12
<b>5 MONITORING AND RECORDING CONDITIONS</b> .....	<b>12</b>
M1 Monitoring records.....	12
M2 Requirement to monitor concentration of pollutants discharged.....	13
M3 Testing methods - concentration limits .....	13
M4 Recording of pollution complaints.....	14
M5 Telephone complaints line.....	14
M6 Requirement to monitor volume or mass .....	14
M7 Blasting monitoring.....	15
<b>6 REPORTING CONDITIONS</b> .....	<b>15</b>
R1 Annual return documents .....	15

# Environment Protection Licence

Licence - 10094



R2	Notification of environmental harm .....	16
R3	Written report .....	16
R4	Reporting of blasting monitoring .....	17
<b>GENERAL CONDITIONS .....</b>		<b>17</b>
G1	Copy of licence kept at the premises .....	17
<b>POLLUTION STUDIES AND REDUCTION PROGRAMS .....</b>		<b>18</b>
U1	Not applicable. ....	18
<b>SPECIAL CONDITIONS .....</b>		<b>18</b>
E1	Not applicable. ....	18
<b>DICTIONARY .....</b>		<b>18</b>
	General Dictionary .....	18



## 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

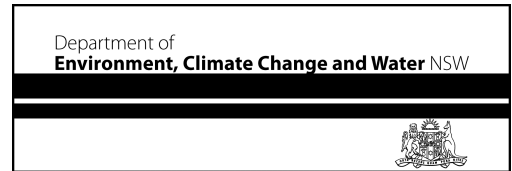
For each licence fee period you must pay:

- 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.

# Environment Protection Licence

Licence - 10094



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>WHITEHAVEN COAL MINING LIMITED</b>
<b>PO BOX 600</b>
<b>GUNNEDAH NSW 2380</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-based activity classification and the scale of the operation.



Licence - 10094

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.

<b>Scheduled Activity</b>
Mining for coal
Coal works
Crushing, grinding or separating

<b>Fee Based Activity</b>	<b>Scale</b>
Crushing, grinding or separating	> 500000 - 2000000 T processed
Mining for coal	> 500000 - 2000000 T produced
Coal works	0 - 2000000 T loaded

A1.3 Not applicable.

# Environment Protection Licence

Licence - 10094



## A2 Premises to which this licence applies

A2.1 The licence applies to the following premises:

<b>Premises Details</b>
<b>CANYON COAL MINE</b>
<b>HOADS LANE</b>
<b>BOGGABRI</b>
<b>NSW</b>
<b>2382</b>
<b>LOT 138 DP 754926 &amp; LOT 2, DP 1038308, PARISH OF BOGGABRI, LOTS 1 &amp; 2 DP 1015797 &amp; SHIRE ROAD RESERVE, PARISH OF VICKERY, CROWN ROAD RESERVE, PARISH OF BOGGABRI, ALL IN COUNTY OF NANDEWAR</b>

## A3 Other activities

A3.1 Not applicable.

## A4 Information supplied to the EPA

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

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

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

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

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

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

*Air*

<b>EPA Identification no.</b>	<b>Type of Monitoring Point</b>	<b>Type of Discharge Point</b>	<b>Description of Location</b>
5	Dust monitoring		Dust gauge labelled as "WD-1" on plan titled "Deposited Dust and Surface Water Monitoring Sites" dated 15 December 2003.
6	Dust monitoring		Dust gauge labelled as "WD-2" on plan titled "Deposited Dust and Surface Water Monitoring Sites" dated 15 December 2003.
7	Dust monitoring		Dust gauge labelled as "WD-5" on plan titled "Deposited Dust and Surface Water Monitoring Sites" dated 15 December 2003.
9	Dust monitoring		Dust gauge labelled as "WD-7" on plan titled "Deposited Dust and Surface Water Monitoring Sites" dated 15 December 2003.
10	Dust monitoring		Dust gauge labelled as "WD-8" on plan titled "Deposited Dust and Surface Water Monitoring Sites" dated 15 December 2003.
12	Dust monitoring		Dust gauge labelled as "WD-10" on plan titled "Deposited Dust and Surface Water Monitoring Sites" dated 15 December 2003.
13	Dust monitoring		Dust gauge labelled as "WD-11" on plan titled "Deposited Dust and Surface Water Monitoring Sites" dated 15 December 2003.
14	Dust monitoring		Dust gauge labelled as "WD-12" on plan titled "Deposited Dust and Surface Water Monitoring Sites" dated 15 December 2003.
15	Dust monitoring		Dust gauge labelled as "WD-13 B" on plan titled "Figure 1 - Air Quality Monitoring Locations" received by the EPA on 30/8/06 and contained on file 251385A1/08.

# Environment Protection Licence

Licence - 10094



- 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.

## *Water and land*

EPA identification no.	Type of monitoring point	Type of discharge point	Description of location
1	Wet weather discharge	Wet weather discharge	Spillway on Storage Dam 1 labelled as "SD-1" on Plan 4 of the 2002/2003 AEMR titled "Mining & Rehabilitation Whitehaven Mine" dated August 2003.
2	Wet weather discharge	Wet weather discharge	Spillway on Storage Dam 2 labelled as "SD-2" on Plan 4 of the 2002/2003 AEMR titled "Mining & Rehabilitation Whitehaven Mine" dated August 2003.
3	Wet weather discharge	Wet weather discharge	Spillway on Storage Dam 3 labelled as "SD-3" on Plan 4 of the 2002/2003 AEMR titled "Mining & Rehabilitation Whitehaven Mine" dated August 2003.
16	Wet weather discharge	Wet weather discharge	Spillway on Storage Dam 4 labelled as "WW-13" on plan titled "Deposited Dust and Surface Water Monitoring Sites" dated 15 December 2003.
17	Wet weather discharge	Wet weather discharge	Spillway on Storage Dam 5 labelled as "WW-14" on plan titled "Deposited Dust and Surface Water Monitoring Sites" dated 15 December 2003.

## 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

Licence - 10094



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 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.

L3.2 Where a pH quality limit is specified in the table, the specified percentage of samples must be within the specified ranges.

L3.3 To avoid any doubt, this condition does not authorise the pollution of waters by any pollutant other than those specified in the table.

*Water and Land*

POINTS 1,2,3,16,17

Pollutant	Units of Measure	50 percentile concentration limit	90 percentile concentration limit	3DGM concentration limit	100 percentile Concentration Limit
Oil and Grease	milligrams per litre				10
pH	pH				6.5-9.0
Total suspended solids	milligrams per litre	20	35		50

**L4 Volume and mass limits**

L4.1 Not applicable.

**L5 Waste**

L5.1 Not applicable.

**L6 Noise Limits**



Licence - 10094

- L6.1 Noise from the premises must not exceed:
- (a) 35 dB(A)  $L_{Aeq(15 \text{ minute})}$  during the day (7am to 6pm) Monday to Friday and 7am to 1pm Saturday; and
  - (b) 35 dB(A)  $L_{Aeq(15 \text{ minute})}$  during the evening (6pm to 10pm) Monday to Friday; and
  - (c) at all other times 35 dB(A)  $L_{Aeq(15 \text{ minute})}$ , except as expressly provided by this licence.

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

- L6.2 Noise from the premises is to be measured at a distance within 30 metres of any affected non-project related residence or other noise sensitive receptors to determine compliance with this condition.

## L7 Hours of Operation

- L7.1 All work at the premises must be conducted between the following hours:  
Coal production and processing activities (except highwall mining) may only be undertaken 7am to 10pm Monday to Saturday, and not at any time on Sundays or Public Holidays. Highwall mining and other activities (except coal production and processing) is permitted at any time subject to the licensee complying with all other conditions of this licence.
- L7.2 This condition does not apply to the delivery of material outside the hours of operation permitted by condition 7.1, if that delivery is required by police or other authorities for safety reasons; and/or the operation or personnel or equipment are endangered. In such circumstances, prior notification must be provided to the EPA and affected residents as soon as possible or within a reasonable period in the case of emergency.
- L7.3 The hours of operation specified in conditions L7.1 and L7.2 may be varied with written consent if the EPA is satisfied that the amenity of the residents in the locality will not be adversely affected.

## L8 Blasting Limits

- L8.1 The overpressure level from blasting operations at the premises must not exceed 120dB (Lin Peak) at any time. 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.
- L8.2 The overpressure level from blasting operations at the premises must not exceed 115dB (Lin Peak) for more than five per cent of the total number of blasts over each reporting period. Error margins associated with any monitoring equipment used to measure this are not to be taken into account in determining whether or not the limit has been exceeded.
- L8.3 Ground vibration peak particle velocity from the blasting operations at the premises must not exceed 10mm/sec at any time. 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.
- L8.4 Ground vibration peak particle velocity from the blasting operations at the premises must not exceed 5mm/sec for more than five per cent of the total number of blasts over each reporting



period. Error margins associated with any monitoring equipment used to measure this are not to be taken into account in determining whether or not the limit has been exceeded.

- L8.5 Blasting operations at the premises may only take place between 9:00am-5:00pm Monday to Saturday. Blasting at the premises must not take place on Sundays or Public Holidays without the prior approval of the EPA. (Where compelling safety reasons exist, the Authority may permit a blast to occur outside the abovementioned hours. Prior written (or facsimile) notification of any such blast must be made to the Authority).

## 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.

## 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

Licence - 10094



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

M1.3 The following records must be kept in respect of any samples required to be collected for the purposes of this licence:

- (a) the date(s) on which the sample was taken;  
 (b) the time(s) at which the sample was collected;  
 (c) the point at which the sample was taken; and  
 (d) the name of the person who collected the sample.

## M2 Requirement to monitor concentration of pollutants discharged

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

### POINTS 1,2,3,16,17

Pollutant	Units of measure	Frequency	Sampling Method
Oil and Grease	milligrams per litre	Each overflow event	Grab sample
Total suspended solids	milligrams per litre	Each overflow event	Grab sample
pH	pH	Each overflow event	Grab sample

### POINTS 5,6,7,9,10,12,13,14,15

Pollutant	Units of measure	Frequency	Sampling Method
Particulates - Deposited Matter	grams per square metre per month	Continuous	AM-19

## 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 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

# Environment Protection Licence

Licence - 10094



the Approved Methods Publication unless another method has been approved by the EPA in writing before any tests are conducted.

## **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

M7.1 To determine compliance with condition(s) L8.1, L8.2, L8.3 and L8.4:

- a) Airblast overpressure and ground vibration levels must be measured and electronically recorded at the most affected 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 alternate 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 AS 2187.2-2006.

## 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.

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.

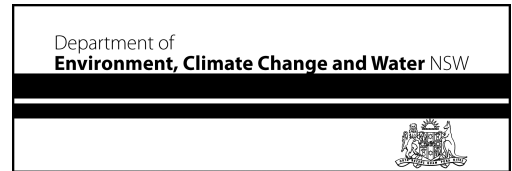
Note: An application to transfer a licence must be made in the approved form for this purpose.

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

# Environment Protection Licence

Licence - 10094



- (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 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.

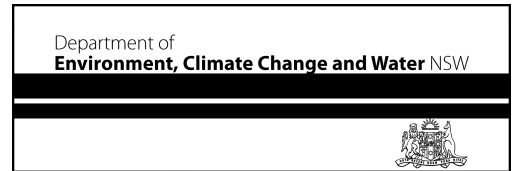
- R2.2 The licensee must provide written details of the notification to the EPA within 7 days of the date on which the incident occurred.

## 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,

# Environment Protection Licence

Licence - 10094



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 Reporting of blasting monitoring

- R4.1 The results of the blast monitoring required by condition M7.1 must be submitted to the EPA on an annual basis.

## 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 Not applicable.

## Special conditions

E1 Not applicable.

## 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.
<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

# Environment Protection Licence



Licence - 10094

<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
<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

# Environment Protection Licence



Licence - 10094

<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 David Dutailis

Environment Protection Authority

(By Delegation)

Date of this edition - 09-Sep-2009

# Environment Protection Licence

Licence - 10094



## End Notes

- 1 Licence varied by notice 1002043, issued on 12-Jul-2001, which came into effect on 06-Aug-2001.
- 2 Licence varied by notice 1032693, issued on 31-Mar-2004, which came into effect on 25-Apr-2004.
- 3 Licence varied by notice 1061804, issued on 07-Jul-2006, which came into effect on 07-Jul-2006.
- 4 Licence varied by notice 1064530, issued on 05-Sep-2006, which came into effect on 05-Sep-2006.
- 5 Licence varied by notice 1103073, issued on 09-Sep-2009, which came into effect on 09-Sep-2009.