

# Environment Protection Licence

Licence - 123

<b>Licence Details</b>	
Number:	123
Anniversary Date:	31-August

<b>Licensee</b>
PGH BRICKS & PAVERS PTY LIMITED
LOCKED BAG 1345
NORTH RYDE NSW 1670

<b>Premises</b>
HORSLEY PARK
OLD WALLGROVE ROAD
HORSLEY PARK NSW 2175

<b>Scheduled Activity</b>
Ceramic works
Crushing, grinding or separating
Extractive activities
Mining for minerals

<b>Fee Based Activity</b>	<b>Scale</b>
Ceramic waste generation	> 5-100 T annual volume of waste generated or stored
Ceramics production	> 50000-200000 T annual production capacity
Crushing, grinding or separating	> 30000-100000 T annual processing capacity
Land-based extractive activity	> 100000-500000 T annual capacity to extract, process or store
Mining for minerals	0-30000 T annual production capacity

<b>Region</b>
Metropolitan - Sydney Industry
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PARRAMATTA NSW 2150
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PARRAMATTA NSW 2124

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## Information about this licence

### Dictionary

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

### Responsibilities of licensee

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

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

### Variation of licence conditions

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

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

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

### Duration of licence

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

### Licence review

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

### Fees and annual return to be sent to the EPA

For each licence fee period you must pay:

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

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

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

## Transfer of licence

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

## Public register and access to monitoring data

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

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

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

## This licence is issued to:

<b>PGH BRICKS &amp; PAVERS PTY LIMITED</b>
<b>LOCKED BAG 1345</b>
<b>NORTH RYDE NSW 1670</b>

subject to the conditions which follow.

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## 1 Administrative Conditions

### A1 What the licence authorises and regulates

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

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

Scheduled Activity	Fee Based Activity	Scale
Ceramic works	Ceramic waste generation	> 5 - 100 T annual volume of waste generated or stored
Ceramic works	Ceramics production	> 50000 - 200000 T annual production capacity
Crushing, grinding or separating	Crushing, grinding or separating	> 30000 - 100000 T annual processing capacity
Extractive activities	Land-based extractive activity	> 100000 - 500000 T annual capacity to extract, process or store
Mining for minerals	Mining for minerals	0 - 30000 T annual production capacity

### A2 Premises or plant to which this licence applies

A2.1 The licence applies to the following premises:

Premises Details
HORSLEY PARK
OLD WALLGROVE ROAD
HORSLEY PARK
NSW 2175
LOT 1 DP 1228114, LOT 2 DP 1228114

### A3 Other activities

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

**Ancillary Activity**

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## LANDFILL REHABILITATION INCLUDING INVESTIGATION, IDENTIFICATION AND MANAGEMENT OF POSSIBLE POLLUTION

### 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

EPA identification no.	Type of Monitoring Point	Type of Discharge Point	Location Description
1	Surface gas monitoring		Less than 51 mm from the surface of the landfill - wind speed less than 2.8 m/s in a grid of 35m x 35m (24 points) and in a 25 m wide zone around the perimeter of the landfilled area.
2	Sub-surface gas monitoring		GM1 as depicted in figure 4.2 of the Environmental Monitoring Report, 17 November 1999 - by Egis Consulting Australia Pty Ltd
3	Sub-surface gas monitoring		GM2 as depicted in figure 4.2 of the Environmental Monitoring Report, 17 November 1999 - by Egis Consulting Australia Pty Ltd
4	Sub-surface gas monitoring		GM3 as depicted in figure 4.2 of the Environmental Monitoring Report, 17 November 1999 - by Egis Consulting Australia Pty Ltd
5	Sub-surface gas monitoring		GM4 as depicted in figure 4.2 of the Environmental Monitoring Report, 17 November 1999 - by Egis Consulting Australia Pty Ltd

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6	Sub-surface gas monitoring		GM5 as depicted in figure 4.2 of the Environmental Monitoring Report, 17 November 1999 - by Egis Consulting Australia Pty Ltd
7	Sub-surface gas monitoring		GM6 as depicted in figure 4.2 of the Environmental Monitoring report, 17 November 1999 - by Egis Consulting Australia Pty Ltd
8	Sub-surface gas monitoring		GM7 as depicted in figure 4.2 of the Environmental Monitoring Report, 17 November 1999 - by Egis Consulting Australia Pty Ltd
9	Sub-surface gas monitoring		GM8 as depicted in figure 4.2 of the Environmental Monitoring Report, 17 November 1999 - by Egis Consulting Australia Pty Ltd
10	Sub-surface gas monitoring		GM9 as depicted in figure 4.2 of the Environmental Monitoring Report, 17 November 1999 - by Egis Consulting Australia Pty Ltd
11	Sub-surface gas monitoring		GM10 as depicted in figure 4.2 of the Environmental Monitoring Report, 17 November 1999 - by Egis Consulting Australia Pty Ltd
12	Sub-surface gas monitoring		GM11 as depicted in figure 4.2 of the Environmental Monitoring Report, 17 November 1999 - by Egis Consulting Australia Pty Ltd
23	Discharge to air; air emissions monitoring	Discharge to air; air emissions monitoring	Stack serving Batch Kiln No 3 as shown on drawing No. HP0100-G001a submitted to the EPA on 7 October 2014
24	Discharge to air; air emissions monitoring	Discharge to air; air emissions monitoring	Stack serving No2 kiln is located at the co-ordinates specified in an email from the licensee dated 3 July 2012. The co-ordinates are 298734 E and 6254630 N.
25	Discharge to air; air emissions monitoring	Discharge to air; air emissions monitoring	The exhaust stack serving batch kiln No 1. as shown on CSR's drawing No. HP1400G002A dated 10-7-07 issue 1 revision A submitted to the EPA on 2 September 2008.
29	Discharge to air; air emissions monitoring	Discharge to air; air emissions monitoring	Stack serving Bricesco Trial Kiln, located at the MGA co-ordinates specified in the licence variation application received by the EPA on 7 August 2013. The co-ordinates are 298716E and 6254595N.
30	Discharge to air; air emissions monitoring	Discharge to air; air emissions monitoring	Stack serving Batch Kiln No 4 as shown on drawing No. HP0100-G001a submitted to the EPA on 7 October 2014

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.



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## Water and land

EPA Identification no.	Type of Monitoring Point	Type of Discharge Point	Location Description
13	Surface water quality		A surface depression on the western side of the landfill containing water which may be discharged onto the premises owned by Jacfin Pty Ltd
14	Groundwater chemical composition		OW1 as depicted in figure 4.1 in the Landfill Closure Plan, April 1999 - by Egis Consulting Australia Pty Ltd
15	Groundwater chemical composition		OW2 as depicted in figure 4.1 in the Landfill Closure Plan, April 1999 - by Egis Consulting Australia Pty Ltd
16	Groundwater chemical composition		OW4a approximately 60metres south east of landfilled waste as described in Appendix C of PGH correspondence dated 26 April 2006.
17	Groundwater chemical composition		OW5 as depicted in figure 4.1 in the Landfill Closure Plan, April 1999 - by Egis Consulting Australia Pty Ltd
18	Groundwater chemical composition		OW7 as depicted in figure 4.1 in the Landfill Closure Plan, April 1999 - by Egis Consulting Australia Pty Ltd
19	Groundwater chemical composition		OW8 as depicted in figure 4.1 in the Landfill Closure Plan, April 1999 - by Egis Consulting Australia Pty Ltd
20	Leachate chemical composition and height		DW1 as depicted in figure 3.1 in the Landfill Closure Plan, April 1999 - by Egis Consulting Australia Pty Ltd
21	Leachate chemical composition and height		DW3 as depicted in figure 3.1 in the Landfill Closure Plan, April 1999 - by Egis Consulting Australia Pty Ltd
27	Discharge and monitoring point from the sediment dam.	Discharge and monitoring point from the sediment dam.	The position of the discharge & monitoring point is via the pipe serving the sediment dam located at grid reference 298619, 6254832 , supplied by the licensee on 29 March 2010.
28	Overflow discharge and monitoring point from the sediment dam.	Overflow discharge and monitoring point from the sediment dam.	The overflow discharge and monitoring point serving the sediment dam is located at grid reference 298590, 6254829 provided by the licensee on 29 March 2010

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31	Discharge and Monitoring Point	Discharge and Monitoring Point	The location of the discharge point is from a rock-lined drain from the dam towards the property boundary grid reference 298384,6254887 as supplied by the licensee on 11 November 2015
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## 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 The actual load of an assessable pollutant discharged from the premises during the reporting period must not exceed the load limit specified for the assessable pollutant in the table below.

L2.2 The actual load of an assessable pollutant must be calculated in accordance with the relevant load calculation protocol.

Assessable Pollutant	Load limit (kg)
Coarse Particulates (Air)	29002.00
Fine Particulates (Air)	25910.00
Fluoride (Air)	10504.00
Nitrogen Oxides - Summer (Air)	10090.00
Nitrogen Oxides (Air)	35050.00
Sulfur Oxides (Air)	189350.00

Note: An assessable pollutant is a pollutant which affects the licence fee payable for the licence.

### 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

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those specified in the table/s.

## L3.4 Air Concentration Limits

### POINT 23

Pollutant	Units of measure	100 percentile concentration limit	Reference conditions	Oxygen correction	Averaging period
Hydrogen fluoride	milligrams per cubic metre	50			
Nitrogen Oxides	milligrams per cubic metre	500			
Total Solid Particles	milligrams per cubic metre	50			

### POINT 24

Pollutant	Units of measure	100 percentile concentration limit	Reference conditions	Oxygen correction	Averaging period
Hydrogen fluoride	milligrams per cubic metre	50			
Nitrogen Oxides	milligrams per cubic metre	500			
Total Solid Particles	milligrams per cubic metre	50			

### POINT 25

Pollutant	Units of measure	100 percentile concentration limit	Reference conditions	Oxygen correction	Averaging period
Hydrogen fluoride	milligrams per cubic metre	50			
Nitrogen Oxides	milligrams per cubic metre	500			
Total Solid Particles	milligrams per cubic metre	50			

### POINT 29

Pollutant	Units of measure	100 percentile concentration limit	Reference conditions	Oxygen correction	Averaging period
Hydrogen fluoride	milligrams per cubic metre	50			
Nitrogen Oxides	milligrams per cubic metre	500			
Total Solid Particles	milligrams per cubic metre	50			

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## POINT 30

Pollutant	Units of measure	100 percentile concentration limit	Reference conditions	Oxygen correction	Averaging period
Hydrogen fluoride	milligrams per cubic metre	50			
Nitrogen Oxides	milligrams per cubic metre	500			
Total Solid Particles	milligrams per cubic metre	50			

### L3.5 Water and/or Land Concentration Limits

## POINT 27,28,31

Pollutant	Units of Measure	50 percentile concentration limit	90 percentile concentration limit	3DGM concentration limit	100 percentile concentration limit
pH	-				6.5-8.5
TSS (Wet)	milligrams per litre				50
Turbidity	nephelometric turbidity units				150

## L4 Waste

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

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

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

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

Code	Waste	Description	Activity	Other Limits
NA	General or Specific exempted waste			NA
NA	Waste			NA

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## **L5 Hours of operation**

- L5.1 The construction of the new bund, retaining wall, landscaping works, and removal of the existing earth bund along the southern boundary of the premises must only be carried out between the hours of 0700 and 1800 Monday to Friday, and 0800 and 1300 Saturday, and at no time on Sundays and Public Holidays.

## **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.

### **O4 Processes and management**

- O4.1 The licensee must ensure that any liquid and/or non liquid waste generated and/or stored at the premises is assessed and classified in accordance with the DECC Waste Classification Guidelines as in force from time to time.
- O4.2 The licensee must ensure that waste identified for recycling is stored separately from other waste.

## **5 Monitoring and Recording Conditions**

### **M1 Monitoring records**

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M1.1 The results of any monitoring required to be conducted by this licence or a load calculation protocol must be recorded and retained as set out in this condition.

M1.2 All records required to be kept by this licence must be:

- in a legible form, or in a form that can readily be reduced to a legible form;
- kept for at least 4 years after the monitoring or event to which they relate took place; and
- produced in a legible form to any authorised officer of the EPA who asks to see them.

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

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

## M2 Requirement to monitor concentration of pollutants discharged

M2.1 Air Monitoring Requirements

### POINT 1

Pollutant	Units of measure	Frequency	Sampling Method
Methane	parts per million	Quarterly	No method specified

### POINT 2,3,4,5,6,7,8,9,10,11,12

Pollutant	Units of measure	Frequency	Sampling Method
Carbon dioxide	percent by volume	Quarterly	No method specified
Methane	percent by volume	Quarterly	No method specified
Oxygen (O <sub>2</sub> )	percent by volume	Quarterly	No method specified

### POINT 23,24

Pollutant	Units of measure	Frequency	Sampling Method
Hydrogen fluoride	milligrams per cubic metre	Yearly	TM-9
Nitrogen Oxides	milligrams per cubic metre	Yearly	TM-11
Total Solid Particles	milligrams per cubic metre	Yearly	TM-15

### POINT 25

Pollutant	Units of measure	Frequency	Sampling Method
Hydrogen fluoride	milligrams per cubic metre	Yearly	TM-9

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Nitrogen Oxides	milligrams per cubic metre	Yearly	TM-11
Total Solid Particles	milligrams per cubic metre	Yearly	TM-15

**POINT 29**

Pollutant	Units of measure	Frequency	Sampling Method
Hydrogen fluoride	milligrams per cubic metre	Yearly	TM-9
Nitrogen Oxides	milligrams per cubic metre	Yearly	TM-11
Total Solid Particles	milligrams per cubic metre	Yearly	TM-15

**POINT 30**

Pollutant	Units of measure	Frequency	Sampling Method
Hydrogen fluoride	milligrams per cubic metre	Yearly	TM-9
Nitrogen Oxides	milligrams per cubic metre	Yearly	TM-11
Total Solid Particles	milligrams per cubic metre	Yearly	TM-15

**M2.2 Water and/ or Land Monitoring Requirements****POINT 13,14,15,16,17,18,19,20,21**

Pollutant	Units of measure	Frequency	Sampling Method
Alkalinity (as calcium carbonate)	milligrams per litre	Quarterly	Grab sample
BOD	milligrams per litre	Quarterly	Grab sample
Cadmium	milligrams per litre	Yearly	Grab sample
Calcium	milligrams per litre	Quarterly	Grab sample
Chloride	milligrams per litre	Quarterly	Grab sample
Chromium	milligrams per litre	Yearly	Grab sample
Conductivity	microsiemens per centimetre	Quarterly	Grab sample
Copper	milligrams per litre	Yearly	Grab sample
Fluoride	milligrams per litre	Yearly	Grab sample
Iron	milligrams per litre	Yearly	Grab sample
Lead	milligrams per litre	Yearly	Grab sample
Magnesium	milligrams per litre	Quarterly	Grab sample
Manganese	milligrams per litre	Yearly	Grab sample
Nitrogen	milligrams per litre	Quarterly	Grab sample
Nitrogen (ammonia)	milligrams per litre	Quarterly	Grab sample
pH	pH	Quarterly	Grab sample

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Phosphorus (total)	milligrams per litre	Yearly	Grab sample
Potassium	milligrams per litre	Quarterly	Grab sample
Redox potential	millivolts	Quarterly	Grab sample
Sodium	milligrams per litre	Quarterly	Grab sample
Standing Water Level	metres	Quarterly	Grab sample
Sulfate	milligrams per litre	Quarterly	Grab sample
Temperature	degrees Celsius	Quarterly	Grab sample
Total dissolved solids	milligrams per litre	Quarterly	Grab sample
Total Kjeldahl Nitrogen	milligrams per litre	Quarterly	Grab sample
Total organic carbon	milligrams per litre	Quarterly	Grab sample
Total Phenolics	milligrams per litre	Yearly	Grab sample
Total suspended solids	milligrams per litre	Quarterly	Grab sample
Zinc	milligrams per litre	Yearly	Grab sample

**POINT 27**

Pollutant	Units of measure	Frequency	Sampling Method
Conductivity	millisiemens per centimetre	Special Frequency 1	Grab sample
pH	-	Special Frequency 1	Grab sample
TSS	milligrams per litre	Special Frequency 1	Grab sample
Turbidity	milligrams per litre	Special Frequency 1	Grab sample

**POINT 28**

Pollutant	Units of measure	Frequency	Sampling Method
Conductivity	millisiemens per centimetre	Special Frequency 2	Grab sample
pH	-	Special Frequency 2	Grab sample
TSS	milligrams per litre	Special Frequency 2	Grab sample
Turbidity	milligrams per litre	Special Frequency 2	Grab sample

**POINT 31**

Pollutant	Units of measure	Frequency	Sampling Method
Conductivity	millisiemens per centimetre	Special Frequency 1	Grab sample
pH	-	Special Frequency 1	Grab sample
TSS	milligrams per litre	Special Frequency 1	Grab sample
Turbidity	milligrams per litre	Special Frequency 1	Grab sample

M2.3 Monitoring Point 13 is required to be sampled at the frequency prescribed in M2.2 but only if water has been collected in the depression.

M2.4 For each monitoring/discharge point or utilisation area specified below (by a point number), the licensee



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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:

## M2.5 Special Frequency Monitoring for Points 27, 28 and 31

Special Frequency 1 is defined to be not more than 48 hours before the valve is opened (or pump is operated) permitting a discharge from the sedimentation pond (via licence discharge point 27) or sedimentation dam (via licence discharge point 31) and then once per day during discharge.

Special Frequency 2 is defined to be once per day on any day that an overflow discharge point ( licence discharge point 28) from the sedimentation pond occurs.

## M2.6 Requirement to monitor discharges from discharge points 27, 28 and 31

For discharge points 27, 28 and 31 the licensee must monitor and record the following:

- a) The date on which any discharge to water/land occurs from the contents of the pond or dam;
- b) The time the discharge commences on any day;
- c) The time the discharge ceases on any day; and
- d) The weekly rainfall (in mm) immediately before any discharge occurs.

## M2.7 a) The licensee must install, maintain and operate a rainfall gauge in accordance with approved Method AM-4 specified in the Department of Environment, Climate Change and Water's (DECCW) Approved Method for Sampling and Analysis of Air Pollutants in NSW January 2007.

b) The licensee must monitor the rainfall at the premises. The rainfall must be measured and recorded in millimetres (mm) per 24 period at the same time each day.

c) The rainfall monitoring data collected must be used to determine that daily rainfall at the premises and for calculating the total rainfall over any five-day period.

## 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.

### 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.

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

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Methods for the Sampling and Analysis of Air Pollutants in NSW".

## **M4 Testing methods - load limits**

Note: Division 3 of the *Protection of the Environment Operations (General) Regulation 2009* requires that monitoring of actual loads of assessable pollutants listed in L2.2 must be carried out in accordance with the relevant load calculation protocol set out for the fee-based activity classification listed in the Administrative Conditions of this licence.

## **M5 Recording of pollution complaints**

M5.1 The licensee must keep a legible record of all complaints made to the licensee or any employee or agent of the licensee in relation to pollution arising from any activity to which this licence applies.

M5.2 The record must include details of the following:

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

M5.3 The record of a complaint must be kept for at least 4 years after the complaint was made.

M5.4 The record must be produced to any authorised officer of the EPA who asks to see them.

## **M6 Telephone complaints line**

M6.1 The licensee must operate during its operating hours a telephone complaints line for the purpose of receiving any complaints from members of the public in relation to activities conducted at the premises or by the vehicle or mobile plant, unless otherwise specified in the licence.

M6.2 The licensee must notify the public of the complaints line telephone number and the fact that it is a complaints line so that the impacted community knows how to make a complaint.

M6.3 The preceding two conditions do not apply until 3 months after: the date of the issue of this licence.

## **6 Reporting Conditions**

### **R1 Annual return documents**

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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.

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.

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 Where the licensee is unable to complete a part of the Annual Return by the due date because the licensee was unable to calculate the actual load of a pollutant due to circumstances beyond the licensee's control, the licensee must notify the EPA in writing as soon as practicable, and in any event not later than the due date. The notification must specify:

- a) the assessable pollutants for which the actual load could not be calculated; and
- b) the relevant circumstances that were beyond the control of the licensee.

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.

R1.8 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.

Note: The term "reporting period" is defined in the dictionary at the end of this licence. Do not complete the

# Environment Protection Licence

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Annual Return until after the end of the reporting period.

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

## **R2 Notification of environmental harm**

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

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

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

## **R3 Written report**

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

- a) where this licence applies to premises, an event has occurred at the premises; or
- b) where this licence applies to vehicles or mobile plant, an event has occurred in connection with the carrying out of the activities authorised by this licence, and the event has caused, is causing or is likely to cause material harm to the environment (whether the harm occurs on or off premises to which the licence applies), the authorised officer may request a written report of the event.

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

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

- a) the cause, time and duration of the event;
- b) the type, volume and concentration of every pollutant discharged as a result of the event;
- c) the name, address and business hours telephone number of employees or agents of the licensee, or a specified class of them, who witnessed the event;
- d) the name, address and business hours telephone number of every other person (of whom the licensee is aware) who witnessed the event, unless the licensee has been unable to obtain that information after making reasonable effort;
- e) action taken by the licensee in relation to the event, including any follow-up contact with any complainants;
- 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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## 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.

## 8 Pollution Studies and Reduction Programs

### U1 Completed pollution studies and reduction programs

U1.1

PRP No.	PRP	Description	Completed Date
1	Sewage, process water and surface water management.	A plan showing location of sewerage systems and effluent storage / disposal areas	7 July 2004
2	Sewage, process water and surface water management	A plan showing locations of all process water storage systems	7 July 2004
3	Sewage, process water and surface water management	A plan showing locations of all process water storage systems	7 July 2004
4	Sewage, process water and surface water management	Calculations for design sizing of: all s'water diversion structures; proposed sewage treatment and effluent utilisation; and modifications to process water system	7 July 2004
5	Sewage, process water and surface water management	Timetable for implementation of changes to surface water management system, effluent treatment and utilisation system and process water system.	9 May 2005
6	Sewage, process water and surface water management	Details of operational practices to maintain the new surface water, effluent and process water management systems.	1 September 2006

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7	Installation of a full scale "Permeable Biologically Reactive Wall".	Landfill Gas Drainage and Biofiltration cut-off wall installed to prevent gas migration to adjoining premises from the former Camide landfill on the premises.	18 October 2008
8	Install and operate a new surface water system.	Install and operate a new system for the management of surface water and effluent and utilisation and process water at the premises.	31 March 2008

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## Dictionary

### General Dictionary

<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 2009
<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 2009
<b>assessable pollutants</b>	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009
<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 2009.
<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

# Environment Protection Licence

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<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 (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 2009
<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
<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> .



# Environment Protection Licence

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<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 Tim Gilbert

Environment Protection Authority

(By Delegation)

Date of this edition: 02-June-2000

# Environment Protection Licence



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## End Notes

- 1 Licence transferred through application 140060, approved on 24-Oct-2000, which came into effect on 01-Jun-2000.
- 2 Licence varied by change to Contact details, issued on 02-Apr-2001, which came into effect on 02-Apr-2001.
- 3 Licence varied by notice 1008659, issued on 22-Jun-2001, which came into effect on 17-Jul-2001.
- 4 Licence varied by notice 1017812, issued on 01-Jul-2002, which came into effect on 26-Jul-2002.
- 5 Licence transferred through application 142416, approved on 14-Jan-2004, which came into effect on 01-Dec-2003.
- 6 Licence varied by notice 1043619, issued on 03-Mar-2005, which came into effect on 03-Mar-2005.
- 7 Licence varied by notice 1045397, issued on 14-Apr-2005, which came into effect on 09-May-2005.
- 8 Licence varied by notice 1047728, issued on 17-May-2005, which came into effect on 11-Jun-2005.
- 9 Licence varied by notice 1051525, issued on 05-Sep-2005, which came into effect on 30-Sep-2005.
- 10 Licence varied by correction to EPA IDA data record, issued on 11-Nov-2005, which came into effect on 11-Nov-2005.
- 11 Licence varied by notice 1054646, issued on 19-Dec-2005, which came into effect on 13-Jan-2006.
- 12 Licence varied by notice 1058710, issued on 14-Aug-2006, which came into effect on 14-Aug-2006.
- 13 Licence varied by notice 1068626, issued on 03-Jan-2007, which came into effect on 03-Jan-2007.
- 14 Licence varied by notice 1069203, issued on 05-Feb-2007, which came into effect on 05-Feb-2007.
- 15 Licence varied by notice 1072197, issued on 28-Aug-2007, which came into effect on 28-Aug-2007.
- 16 Licence varied by change to legislation, issued on 29-Aug-2007, which came into effect on 29-Aug-2007.
- 17 Licence varied by notice 1079901, issued on 19-Nov-2007, which came into effect on 19-Nov-2007.

# Environment Protection Licence



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|----|---|
| 18 | Licence varied by notice 1083093, issued on 21-Feb-2008, which came into effect on 21-Feb-2008.                           |
| 19 | Licence varied by Change to schedule 1, issued on 08-May-2008, which came into effect on 08-May-2008.                     |
| 20 | Licence varied by notice 1091847, issued on 08-Sep-2008, which came into effect on 08-Sep-2008.                           |
| 21 | Licence varied by notice 1092272, issued on 25-Sep-2008, which came into effect on 25-Sep-2008.                           |
| 22 | Condition A1.3 Not applicable varied by notice issued on <issue date> which came into effect on <effective date>          |
| 23 | Licence varied by change to FBA data for summer pollutants, issued on 14-Jan-2009, which came into effect on 14-Jan-2009. |
| 24 | Licence varied by notice 1103921, issued on 05-Nov-2009, which came into effect on 05-Nov-2009.                           |
| 25 | Licence varied by notice 1112339, issued on 22-Apr-2010, which came into effect on 22-Apr-2010.                           |
| 26 | Licence varied by notice 1128021, issued on 03-May-2011, which came into effect on 03-May-2011.                           |
| 27 | Licence varied by notice 1506811 issued on 17-Jul-2012  |
| 28 | Licence varied by notice 1513694 issued on 23-Apr-2013  |
| 29 | Licence varied by notice 1517171 issued on 25-Sep-2013  |
| 30 | Licence varied by notice 1525873 issued on 21-Nov-2014  |
| 31 | Licence format updated on 24-Apr-2015   |
| 32 | Licence transferred through application 1530226 approved on 04-May-2015 , which came into effect on 04-May-2015           |
| 33 | Licence varied by notice 1535803 issued on 04-Dec-2015  |
| 34 | Licence varied by notice 1542886 issued on 23-Aug-2016  |
| 35 | Licence varied by notice 1570706 issued on 30-Nov-2018  |