



# Environment Protection Licence

Licence - 5875

Licence Details	
Number:	5875
Anniversary Date:	11-September

Licensee	
GRIFFITH CITY COUNCIL	
PO BOX 485	
GRIFFITH NSW 2680	

Premises	
THARBOGANG RECYCLING AND WASTE DISPOSAL FACILITY	
HILLSIDE DRIVE	
THARBOGANG NSW 2680	

Scheduled Activity	
Extractive activities	
Waste disposal (application to land)	

Fee Based Activity	Scale
Extractive activities	> 30000-50000 T annually extracted or processed
Waste disposal by application to land	Any capacity

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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:

GRIFFITH CITY COUNCIL
PO BOX 485
GRIFFITH NSW 2680

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
Extractive activities	Extractive activities	> 30000 - 50000 T annually extracted or processed
Waste disposal (application to land)	Waste disposal by application to land	Any capacity

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

A2.1 The licence applies to the following premises:

Premises Details
THARBOGANG RECYCLING AND WASTE DISPOSAL FACILITY
HILLSIDE DRIVE
THARBOGANG
NSW 2680
LOT 202 DP 756035

### A3 Information supplied to the EPA

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

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

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

A3.2 The Tharbogang Recycling and Waste Disposal Facility Landfill Environment Management Plan by RE Barton and dated 31 December 1997. is not to be taken as part of the documentation in A4.1, other than those parts specifically referenced in this licence.

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## 2 Discharges to Air and Water and Applications to Land

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

- P1.1 The following utilisation areas referred to in the table below are identified in this licence for the purposes of the monitoring and/or the setting of limits for any application of solids or liquids to the utilisation area.
- P1.2 The following points referred to in the table are identified in this licence for the purposes of the monitoring and/or the setting of limits for discharges of pollutants to water from the point.

#### *Water and land*

EPA Identification no.	Type of Monitoring Point	Type of Discharge Point	Location Description
1	Groundwater Quality Monitoring		'BH101' as shown on map titled 'Tharbogang Waste Management Centre Location of Boreholes', dated 11 October 2023. CM9 reference: DOC23/501156-4.
3	Groundwater Quality Monitoring		'BH103' as shown on map titled 'Tharbogang Waste Management Centre Location of Boreholes', dated 11 October 2023. CM9 reference: DOC23/501156-4.
4	Groundwater Quality Monitoring		'BH4' as shown on map titled 'Tharbogang Waste Management Centre Location of Boreholes', dated 11 October 2023. CM9 reference: DOC23/501156-4.
5	Groundwater Quality Monitoring		'BH5' as shown on map titled 'Tharbogang Waste Management Centre Location of Boreholes', dated 11 October 2023. CM9 reference: DOC23/501156-4.
6	Groundwater Quality Monitoring		'BH6' as shown on map titled 'Tharbogang Waste Management Centre Location of Boreholes', dated 11 October 2023. CM9 reference: DOC23/501156-4.
7	Groundwater Quality Monitoring		'BH7' as shown on map titled 'Tharbogang Waste Management Centre Location of Boreholes', dated 11 October 2023. CM9 reference: DOC23/501156-4.
8	Surface Water Quality Monitoring		Sedimentation basin as outlined in Appendix 21 of the LEMP.
9	Leachate runoff		Leachate holding pond as outlined in Appendix 21 of the LEMP.



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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 Waste

L2.1 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	Waste that meets all the conditions of a resource recovery exemption under Clause 51A of the Protection of the Environment Operations (Waste) Regulation 2005	As specified in each particular resource recovery exemption	NA
NA	Waste	Any waste received on site that is below licensing thresholds in Schedule 1 of the POEO Act, as in force from time to time	-	NA
NA	General solid waste (non-putrescible)	As defined in Schedule 1 of the POEO Act, as in force from time to time	Waste disposal (application to land)	NA
NA	General solid waste (putrescible)	As defined in Schedule 1 of the POEO Act, as in force from time to time	Waste disposal (application to land)	NA
N220	Asbestos	As defined in Schedule 1 of the POEO Act, as in force from time to time	Waste disposal (application to land)	NA
T140	Tyres	As defined in Schedule 1 of the POEO Act, as in force from time to time	Waste storage Waste disposal (application to land)	NA



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time

L2.2 The total tonnage of waste disposed of at the premises must not exceed 100,000 tonnes per year.

L2.3 The licensee must not dispose of any tyres on the premises which;

- a) have a diameter of less than 1.2 metres; and
- b) are delivered at the premises in a load containing more than 5 whole tyres; and
- c) became waste in the Sydney Metropolitan Area.

L2.4 Tyres stockpiled on the premises must:

- a) not exceed fifty (50) tonnes of tyres at any one time; and
- b) be located in a clearly defined area away from the tipping face; and
- c) be managed to control vermin; and
- d) be managed to prevent any tyres from catching fire.

## L3 Noise limits

L3.1 Noise from the premises must not exceed:

- a) an LA10 (15 minute) noise emission criterion of 55 dB(A) (7am to 6pm ) Monday to Friday and 7am to 1pm Saturday ; and
- b) an LA10 (15 minute) noise emission criterion of 45 dB(A) during the evening (6pm to 10pm) Monday to Friday; and
- c) at all other times, an LA10 (15 minutes) noise emission criterion of 40 dB(A), except as expressly provided by this licence.

L3.2 To determine compliance with condition(s) L3.1 noise must be measured at, or computed for, the nearest noise sensitive receiver. A modifying factor correction must be applied for tonal, impulsive or intermittent noise in accordance with the "Environmental Noise Management - NSW Industrial Noise Policy (January 2000)".

## L4 Blasting

L4.1 The overpressure level from blasting operations on the premises must not:

- a) Exceed 115dB (Lin Peak) for more than 5% of the total number of blasts over a period of 12 months; and
- b) Exceed 120dB (Lin Peak) at any time.

The airblast overpressure values stated above apply when the measurements are performed with equipment having a lower cut-off frequency of 2Hz or less. If the instrumentation has a higher cut-off frequency then a correction of 5dB should be added to the measure value. Equipment with a lower cut-off frequency exceeding 10Hz should not be used for the purpose of measuring airblast overpressure.

L4.2 The ground vibration peak particle velocity from blasting operations carried out in or on the premises must not:

- a) exceed 5mm/second for more than 5% of the total number of blasts carried out on the premises within the 12 months annual reporting period; and
- b) exceed 10mm/second at any time

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

- L4.3 Blasting in or on the premises must only be carried out between 9 hours and 5 hours, Monday to Saturday. Blasting in or on the premises must not take place on Sundays or Public Holidays without the prior approval of the EPA.

## L5 Hours of operation

- L5.1 All work at the premises must be conducted between the following hours:  
Other Activities 6am to 5:30pm Mondays to Fridays, 8am to 6:30pm Saturdays, 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 All operations and activities occurring at the premises must be carried out in a manner that will minimise the emission of dust from the premises.

### O4 Emergency response

- O4.1 The licensee must have in place and implement fire prevention measures to minimise the risk of fire at the premises.
- O4.2 The licensee must extinguish fires at the premises as soon as possible.
- O4.3 The licensee must implement fire prevention measures at the premises in accordance with the LEMP

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Tharbogang Recycling and Waste Deposal Facility prepared by RE Barton and dated 31 December 1997.

## **O5 Processes and management**

### **Maintenance of sedimentation system/leachate holding pond**

- O5.1 The sedimentation basin and leachate holding pond must be maintained to ensure that their design capacity is available for the storage of stormwater and leachate.

### **Management of surface waters**

- O5.2 The perimeter of the areas where waste has been landfilled must be contoured to prevent stormwater running onto these surfaces from all storm events less than or equal to a 1 in 10 year 24 hour duration storm event.

### **Unauthorised entry**

- O5.3 The licensee must take all practicable steps to control entry to the premises.
- O5.4 The licensee must install and maintain a stockproof perimeter fence around the premises.
- O5.5 The licensee must install and maintain a high wire mesh fence of not less than 1.8 metres around the active tipping area.
- O5.6 The licensee must install and maintain lockable security gates at all access and departure locations.
- O5.7 The licensee must ensure that all gates are locked whenever the landfill is unattended.

### **Degradation of local amenity**

- O5.8 The licensee must implement the litter management program specified in the LEMP Tharbogang Recycling and Waste disposal Facility prepared by RE Barton and dated 31 December 1997

### **Control of pests, vermin and weeds**

- O5.9 The licensee must control pests, vermin and weeds at the premises.

### **Staff training**

- O5.10 The licensee must ensure that adequately trained staff are available at the premises in order to administer the requirements of this licence.

## **O6 Waste management**

### **Leachate management**

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- O6.1 A leachate collection system as outlined in the Groundwater Contamination Remediation Plan (GCRP) prepared by Coffey Geosciences Pty Ltd and dated 18 May 2000 must be installed on each surface within the premises to be used for the disposal of waste.
- O6.2 The leachate collection system as outlined in section 8.2.2 of the GCRP prepared by Coffey Geosciences Pty Ltd and dated 18 May 2000 must be capable of capturing all leachate generated from the waste disposed of at the premises.
- O6.3 Surface drainage must be diverted away from any area where waste is being or has been landfilled.
- O6.4 A leachate barrier system as outlined in the GCRP prepared by Cofey Geoscience Pty Ltd and dated 18 May 2000 must be installed on each surface within the premises to be used for the storage of leachate.

## Leachate disposal

- O6.5 There must be no discharge of leachate to waters.

## Screening of waste

- O6.6 The licensee must have in place and implement procedures to identify and prevent the disposal of any waste not permitted by this licence to be disposed of at the premises.

## Waste compaction

- O6.7 An average compaction rate of not less than 650 kg per cubic metre must be achieved for all waste disposed of at the premises.
- O6.8 The licensee must ensure that the achieved compaction rate of landfilled waste (excluding cover material) is stated in the annual report for the waste premises submitted to the EPA.

## Filling plan

- O6.9 The licensee must manage the disposal of waste at the premises in accordance with the progressive filling plan as outlined in the LEMP Tharbogang Recycling and Waste Disposal Facility prepared by RE Barton and dated 31 December 1997.

## Completion of landfill cells

- O6.10 The licensee must ensure that the landfill cells are capped progressively and in accordance with condition O6.11 during operations and specifically at times when the level of waste reaches final heights as outlined in the LEMP Tharbogang Recycling and Waste Disposal Facility prepared by RE Barton and dated 31 December 1997.
- O6.11 Final capping must comprise of two layers in the order of installation: a seal bearing surface, a 500mm low permeability, and a 100mm revegetation layer as specified in the LEMP Tharbogang Recycling and Waste Disposal Facility prepared by RE Barton and dated 31 December 1997.

## Closure plan

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- O6.12 The licensee must submit to the EPA within three months prior to the last load of waste being landfilled a closure plan in accordance with Section 76 of the Protection of the Environment Operations Act 1997.

## **Burning of waste**

- O6.13 Stockpiles of clean timber, cardboard and vegetation measuring no greater than 10 metres across the diameter of the base at any location and free of tyres, plastics, metals, wet grass clippings, soil and building or putrescible wastes may be burnt subject to:

(a) The stockpile being dried for a period of not less than 3 months.

(b) The favourable prevailing and predicted weather pattern is not toward any nearby residences and places of business not associated with the waste facility.

(c) A buffer zone of 15 metres being maintained between timber stockpiles.

(d) A buffer zone of 30 metres being maintained between the timber stockpile area and the working face of the putrescible garbage cell and any stockpiles of tyres, car bodies or like materials retained for recycling purposes.

(e) Smoke from the burning stockpiles of timber will not impact on any residential, recreational or institutional premises.

## **Covering of waste**

- O6.14 The licensee must apply cover material over all exposed landfilled waste or compact the waste in accordance with condition O6.7 prior to ceasing operations at the end of each day.

- O6.15 The licensee must maintain cover material over the landfilled waste or compact the waste in accordance with condition O6.7, to prevent the occurrence of undesirable impacts, including but not limited to, pest infestation, spread of litter and landfill fires.

## **Biosolids and green waste pad**

- O6.16 Biosolids and green waste must be stored on an impermeable pad within a bunded area capable of capturing all leachate generated from the storage of biosolids and green waste.

- O6.17 The biosolids and green waste pads must be constructed to have a performance equivalent of a clay liner with a permeability of  $1 \times 10^{-9}$  metres per second or less and thickness of no less than 600mm.

## **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.



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- M1.2 All records required to be kept by this licence must be:
- a) in a legible form, or in a form that can readily be reduced to a legible form;
  - b) kept for at least 4 years after the monitoring or event to which they relate took place; and
  - c) produced in a legible form to any authorised officer of the EPA who asks to see them.
- M1.3 The following records must be kept in respect of any samples required to be collected for the purposes of this licence:
- a) the date(s) on which the sample was taken;
  - b) the time(s) at which the sample was collected;
  - c) the point at which the sample was taken; and
  - d) the name of the person who collected the sample.

## M2 Requirement to monitor concentration of pollutants discharged

- M2.1 For each monitoring/discharge point or utilisation area specified below (by a point number), the licensee must monitor (by sampling and obtaining results by analysis) the concentration of each pollutant specified in Column 1. The licensee must use the sampling method, units of measure, and sample at the frequency, specified opposite in the other columns:
- M2.2 Water and/ or Land Monitoring Requirements

### POINT 1,3,4,5,6,7

Pollutant	Units of measure	Frequency	Sampling Method
Alkalinity (as calcium carbonate)	milligrams per litre	2 Times a year	Representative sample
Ammonia	milligrams per litre	2 Times a year	Representative sample
Calcium	milligrams per litre	2 Times a year	Representative sample
Chloride	milligrams per litre	2 Times a year	Representative sample
Chlorinated volatile compounds	milligrams per litre	2 Times a year	Representative sample
Conductivity	microsiemens per centimetre	2 Times a year	Representative sample
Fluoride	milligrams per litre	2 Times a year	Representative sample
Iron	milligrams per litre	2 Times a year	Representative sample
Magnesium	milligrams per litre	2 Times a year	Representative sample
Manganese	milligrams per litre	2 Times a year	Representative sample
Nitrate	milligrams per litre	2 Times a year	Representative sample
pH	pH	2 Times a year	Representative sample
Potassium	milligrams per litre	2 Times a year	Representative sample
Sodium	milligrams per litre	2 Times a year	Representative sample
Sulfate	milligrams per litre	2 Times a year	Representative sample
Total organic carbon	milligrams per litre	2 Times a year	Representative sample
Total Phenolics	milligrams per litre	2 Times a year	Representative sample

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## POINT 8

Pollutant	Units of measure	Frequency	Sampling Method
Alkalinity (as calcium carbonate)	milligrams per litre	2 Times a year	Representative sample
Ammonia	milligrams per litre	2 Times a year	Representative sample
Calcium	milligrams per litre	2 Times a year	Representative sample
Chloride	milligrams per litre	2 Times a year	Representative sample
Chlorinated volatile compounds	milligrams per litre	2 Times a year	Representative sample
Conductivity	microsiemens per centimetre	2 Times a year	Representative sample
Fluoride	milligrams per litre	2 Times a year	Representative sample
Iron	milligrams per litre	2 Times a year	Representative sample
Magnesium	milligrams per litre	2 Times a year	Representative sample
Manganese	milligrams per litre	2 Times a year	Representative sample
Nitrate	milligrams per litre	2 Times a year	Representative sample
pH	pH	2 Times a year	Representative sample
Potassium	milligrams per litre	2 Times a year	Representative sample
Sodium	milligrams per litre	2 Times a year	Representative sample
Sulfate	milligrams per litre	2 Times a year	Representative sample
Total organic carbon	milligrams per litre	2 Times a year	Representative sample
Total Phenolics	milligrams per litre	2 Times a year	Representative sample
Total suspended solids	milligrams per litre	2 Times a year	Representative sample

## POINT 9

Pollutant	Units of measure	Frequency	Sampling Method
Alkalinity (as calcium carbonate)	milligrams per litre	2 Times a year	Representative sample
Ammonia	milligrams per litre	2 Times a year	Representative sample
Calcium	milligrams per litre	2 Times a year	Representative sample
Chloride	milligrams per litre	2 Times a year	Representative sample
Chlorinated volatile compounds	milligrams per litre	2 Times a year	Representative sample
Fluoride	milligrams per litre	2 Times a year	Representative sample
Iron	milligrams per litre	2 Times a year	Representative sample
Magnesium	milligrams per litre	2 Times a year	Representative sample
Manganese	milligrams per litre	2 Times a year	Representative sample
Nitrate	milligrams per litre	2 Times a year	Representative sample
pH	pH	2 Times a year	Representative sample
Potassium	milligrams per litre	2 Times a year	Representative sample
Sodium	milligrams per litre	2 Times a year	Representative sample
Sulfate	milligrams per litre	2 Times a year	Representative sample
Total organic carbon	milligrams per litre	2 Times a year	Representative sample
Total Phenolics	milligrams per litre	2 Times a year	Representative sample
Total suspended solids	milligrams per litre	2 Times a year	Representative sample

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## **M3 Testing methods - concentration limits**

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

## **M4 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 The preceding two conditions do not apply until 3 months after: the date of the issue of this licence.

## **M6 Other monitoring and recording conditions**

- M6.1 The licensee must monitor the remaining disposal capacity (in cubic metres) of the landfill.



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## 6 Reporting Conditions

### R1 Annual return documents

R1.1 The licensee must complete and supply to the EPA an Annual Return in the approved form comprising:

1. a Statement of Compliance,
2. a Monitoring and Complaints Summary,
3. a Statement of Compliance - Licence Conditions,
4. a Statement of Compliance - Load based Fee,
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 notification that the Annual Return is due.

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 The licensee must retain a copy of the Annual Return supplied to the EPA for a period of at least 4 years after the Annual Return was due to be supplied to the EPA.

R1.7 Within the Annual Return, the Statements of Compliance must be certified and the Monitoring and Complaints Summary must be signed by:

- a) the licence holder; or
- b) by a person approved in writing by the EPA to sign on behalf of the licence holder.

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.

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

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## **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 they became aware of the incident.

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.

## **R4 Other reporting conditions**

R4.1 The licensee must record the following data in relation to fires occurring at the premises:

- a) Time and date when the fire started.
- b) Whether the fire was authorised by the licensee, and, if not, the circumstances which ignited the fire.

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- c) The time and date that the fire burnt out or was extinguished.
- d) The location of fire (eg. clean timber stockpile, putrescible garbage cell, etc).
- e) Prevailing weather conditions at the time of the fire.
- f) Observations made in regard to smoke direction and dispersion.
- g) The amount of waste that was combusted by the fire.
- h) Action taken to extinguish the fire;
- i) Action taken to prevent a reoccurrence.

The data must be recorded on each day that the fire is burning.

- R4.2 The licensee or its employees or agents must notify the occurrence of all fires on the premises in accordance with conditions R2.1 and R2.2 as soon as practical after becoming aware of the fire.
- R4.3 An annual report for Tharbogang Recycling and Waste Disposal Facility must be prepared and submitted to the EPA within 6 weeks after the end of the licence year. The report must contain:
  - a) an assessment of environmental performance relevant to licence conditions
  - b) tabulated results of all monitoring data required to be collected;
  - c) a graphical presentation of data from at least the last three years (if available) in order to show variability and/or trends. Any statistically significant variations or anomalies should be highlighted and explained.
  - d) an analysis and interpretation of all monitoring data;
  - e) an analysis of and response to any complaints received;
  - f) identification of any deficiencies in environmental performance identified by the monitoring data, trends or incidents and of remedial action taken or proposed to be taken to address these deficiencies and
  - g) recommendations on improving the environmental performance of the premises.

## 7 General Conditions

### G1 Copy of licence kept at the premises or plant

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



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## 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

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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> .



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TSP	Means total suspended particles
TSS	Means total suspended solids
Type 1 substance	Means the elements antimony, arsenic, cadmium, lead or mercury or any compound containing one or more of those elements
Type 2 substance	Means the elements beryllium, chromium, cobalt, manganese, nickel, selenium, tin or vanadium or any compound containing one or more of those elements
utilisation area	Means any area shown as a utilisation area on a map submitted with the application for this licence
waste	Has the same meaning as in the Protection of the Environment Operations Act 1997
waste type	Means liquid, restricted solid waste, general solid waste (putrescible), general solid waste (non-putrescible), special waste or hazardous waste
Wellhead	Has the same meaning as in Schedule 1 to the Protection of the Environment Operations (General) Regulation 2021.

Mr Craig Bretherton

Environment Protection Authority

(By Delegation)

Date of this edition: 22-September-2000



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End Notes	
1	Licence varied by notice 1030143, issued on 26-Sep-2003, which came into effect on 21-Oct-2003.
2	Licence varied by notice 1049168, issued on 01-Jul-2005, which came into effect on 26-Jul-2005.
3	Licence varied by notice 1055728, issued on 01-Feb-2006, which came into effect on 26-Feb-2006.
4	Licence varied by notice 1067503, issued on 22-Dec-2006, which came into effect on 22-Dec-2006.
5	Condition A1.3 Not applicable varied by notice issued on <issue date> which came into effect on <effective date>
6	Licence varied by notice 1097061, issued on 20-Feb-2009, which came into effect on 20-Feb-2009.
7	Licence varied by notice 1512682 issued on 03-May-2013
8	Licence varied by notice 1521103 issued on 09-Apr-2015
9	Licence varied by notice 1534403 issued on 09-Dec-2015
10	Licence varied by notice 1599809 issued on 17-Sep-2020
11	Licence varied by notice 1603221 issued on 09-Dec-2020
12	Licence varied by notice 1633831 issued on 19-Oct-2023