

Environment Protection Licence



Environment,
Climate Change
& Water

Licence - 5880

Licence Details

Number:	5880
Anniversary Date:	01-July
Review Due Date:	07-Apr-2011

Licensee

LISMORE CITY COUNCIL
PO BOX 23A
GOONELLABAH NSW 2480

Licence Type

Premises

Premises

WYRALLAH ROAD WASTE FACILITY
313 WYRALLAH ROAD
EAST LISMORE NSW 2480

Scheduled Activity

Waste disposal (application to land)

Fee Based Activity

Waste disposal (application to land)

Scale

0 - All

Region

Waste Operations (Coffs Harbour)
59-61 Goulburn Street
SYDNEY NSW 2000
Phone: 02 9995 5000
Fax: 02 9995 5999

PO BOX A290 SYDNEY SOUTH
NSW 1232

Environment Protection Licence

Licence - 5880



Environment,
Climate Change
& Water

INFORMATION ABOUT THIS LICENCE.....	4
Dictionary	4
Responsibilities of licensee.....	4
Variation of licence conditions	4
Duration of licence	4
Licence review	4
Fees and annual return to be sent to the EPA.....	4
Transfer of licence	5
Public register and access to monitoring data	5
1 ADMINISTRATIVE CONDITIONS	5
A1 What the licence authorises and regulates	5
A2 Premises to which this licence applies	7
A3 Other activities	7
A4 Information supplied to the EPA.....	7
2 DISCHARGES TO AIR AND WATER AND APPLICATIONS TO LAND.....	8
P1 Location of monitoring/discharge points and areas.....	8
3 LIMIT CONDITIONS	11
L1 Pollution of waters	11
L2 Load limits	11
L3 Concentration limits.....	11
L4 Volume and mass limits	12
L5 Waste	12
L6 Noise Limits.....	12
L7 Hours of operation.....	13
L8 Odour	13
4 OPERATING CONDITIONS	13
O1 Activities must be carried out in a competent manner.....	13
O2 Maintenance of plant and equipment	14
O3 Dust Control	14
O4 Closure plan	14
O5 Tyre Storage.....	14
O6 Leachate management.....	14
O7 Management of surface waters	15
O8 Burning of green waste	15
O9 Quality assurance.....	15
O10 Screening of waste.....	15
O11 Filling plan	16
O12 Completion of landfill cells.....	16
O13 Covering of waste.....	16

Environment Protection Licence



Environment,
Climate Change
& Water

Licence - 5880

O14	Unauthorised entry	16
O15	Fire risk reduction works	17
O16	Fire extinguishment	17
O17	Fire fighting capability	17
O18	Processes and management	17
5	MONITORING AND RECORDING CONDITIONS	17
M1	Monitoring records	17
M2	Requirement to monitor concentration of pollutants discharged	18
M3	Testing methods - concentration limits	21
M4	Recording of pollution complaints	22
M5	Telephone complaints line	22
M6	Requirement to monitor volume or mass	23
M7	Monitoring of rainfall	24
M8	Laboratory accreditation	24
6	REPORTING CONDITIONS	24
R1	Annual return documents	24
R2	Notification of environmental harm	25
R3	Written report	26
R4	Recording of fires	26
R5	Leachate discharges and exceedences	27
R6	Landfill Gas Hazard Reporting	27
R7	Water Detection Program – Annual Report	27
	GENERAL CONDITIONS	28
G1	Copy of licence kept at the premises	28
	POLLUTION STUDIES AND REDUCTION PROGRAMS	28
U1	Cell 2 Leachate Management Plan	28
	SPECIAL CONDITIONS	28
E1	Not applicable.	28
	DICTIONARY	28
	General Dictionary	28
	Special Dictionary	31

Information about this licence

Dictionary

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

Responsibilities of licensee

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

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

Variation of licence conditions

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

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

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

Duration of licence

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

Licence review

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

Fees and annual return to be sent to the EPA

For each licence fee period you must pay:

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

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

Environment Protection Licence

Licence - 5880



Environment,
Climate Change
& Water

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:

LISMORE CITY COUNCIL
PO BOX 23A
GOONELLABAH NSW 2480

subject to the conditions which follow.

1 Administrative conditions

A1 What the licence authorises and regulates

A1.1 Not applicable.

A1.2 This licence authorises the carrying out of the scheduled activities listed below at the premises specified in A2. The activities are listed according to their scheduled activity classification, fee-based activity classification and the scale of the operation.

Environment Protection Licence



Environment,
Climate Change
& Water

Licence - 5880

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
Waste disposal (application to land)

Fee Based Activity	Scale
Waste disposal (application to land)	0 - All

A1.3 Not applicable.

A2 Premises to which this licence applies

A2.1 The licence applies to the following premises:

Premises Details
WYRALLAH ROAD WASTE FACILITY
313 WYRALLAH ROAD
EAST LISMORE
NSW
2480
PART LOT 45 DP847893 AS SHADED ON MAP
WYLF01
DRAWN BY STEVEN GREEN JUNE 2009

A3 Other activities

A3.1 Not applicable.

A4 Information supplied to the EPA

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

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

- (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.

A4.2 The following report submitted to the EPA:

Landfill Environmental Management Plan, Wyrallah Road Waste Facility, Lismore NSW, URS dated 9 February 2001, and the information included in Council's letter to DEC dated 20 April 2004 and in the Geolink Drawings hand delivered to the EPA on 28 April 2004.

is not to be taken as part of the documentation in A4.1, other than those parts specifically referenced in this licence.

Note: For the purposes of this licence the abbreviation 'LEMP' refers to the report described in condition A4.2.

2 Discharges to air and water and applications to land

P1 Location of monitoring/discharge points and areas

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

Air

EPA Identification no.	Type of Monitoring Point	Type of Discharge Point	Description of Location
20	Landfill gas monitoring.		All enclosed buildings at the premises.
21	Landfill gas monitoring		The surface of all waste filled areas which have been subject to final capping.

P1.2 The following points referred to in the table are identified in this licence for the purposes of the monitoring and/or the setting of limits for discharges of pollutants to water from the point.

P1.3 The following utilisation areas referred to in the table below are identified in this licence for the purposes of the monitoring and/or the setting of limits for any application of solids or liquids to the utilisation area.

Water and land

EPA identification no.	Type of monitoring point	Type of discharge point	Description of location
1	Discharge quality monitoring; discharge volume monitoring.	Discharge quality monitoring; discharge volume monitoring.	Leachate channel, described in s.2.2 of LEMP and marked 'leachate pond' on Figure 6 of LEMP.
3	Groundwater quality and subsurface gas monitoring.		Groundwater monitoring well, marked MW01 on Figure 6 of LEMP.
4	Groundwater quality and subsurface gas monitoring.		Groundwater monitoring well, marked MW02 on Figure 6 of LEMP.
5	Groundwater quality and subsurface gas monitoring		Groundwater monitoring well, marked MW03 on Figure 6 of LEMP.
7	Groundwater quality and subsurface gas monitoring.		Groundwater monitoring well, marked MW05 on Figure 6 of LEMP.
8	Groundwater quality and subsurface gas monitoring.		Groundwater monitoring well, marked MW06 on Figure 6 of LEMP.
9	Groundwater quality and subsurface gas monitoring.		Groundwater monitoring well, marked MW07 on Figure 6 of LEMP.
10	Groundwater quality and subsurface gas monitoring.		Groundwater monitoring well, marked MW08 on Figure 6 of LEMP.
11	Groundwater quality and subsurface gas monitoring.		Groundwater monitoring well, marked MW09 on Figure 6 of LEMP.
12	Groundwater quality and subsurface gas monitoring.		Groundwater monitoring bore, marked MW10 on Figure 6 of LEMP.
13	Groundwater quality and subsurface gas monitoring.		Groundwater monitoring bore, marked MW11 on Figure 6 of LEMP.
14	Groundwater quality and subsurface gas monitoring.		Groundwater monitoring bore, marked MW12 on Figure 6 of LEMP.
17	Surface water quality monitoring		Surface water monitoring point, marked MCS02 on Figure 6 of LEMP.
18	Surface water quality monitoring.		Surface water monitoring point, marked MCS03 on Figure 6 of LEMP.
19	Surface water quality monitoring.		Surface water monitoring point, marked MCS04 on Figure 6 of LEMP.

Environment Protection Licence

Licence - 5880



Environment,
Climate Change
& Water

EPA identification no.	Type of monitoring point	Type of discharge point	Description of location
22	Discharge quality monitoring; level monitoring; discharge volume monitoring.	Discharge quality monitoring; level monitoring; discharge volume monitoring.	Leachate interception trench, as described in s.2.2 of LEMP and marked 'leachate pond' in Figure 6 of LEMP.
23	Leachate quality monitoring.	Leachate quality monitoring.	Leachate sump marked 'wedge pit' on diagram attached to licensee's letter dated 10 November 2004.
24	Groundwater quality monitoring and subsurface gas monitoring.		Groundwater monitoring well, marked MW13 on Figure 1 of URS report dated 5 April 2004 enclosed with Council letter to DEC dated 20 April 2004.
25	Groundwater quality and subsurface gas monitoring.		Groundwater quality monitoring well, marked MW14 on Figure 1 of URS report dated 5 April 2004 enclosed with Council letter to DEC dated 20 April 2004.
26	Groundwater quality and subsurface gas monitoring.		Groundwater monitoring well, marked MW15 on Figure 1 of URS report dated 5 April 2004 enclosed with Council letter to DEC dated 20 April 2004.
27	Groundwater quality and subsurface gas monitoring.		Groundwater monitoring well, marked MW16 on Figure 1 of URS report dated 5 April 2004 enclosed with Council letter to DEC dated 20 April 2004.
28	Groundwater quality and subsurface gas monitoring.		Groundwater quality monitoring well, marked MW17 on Figure 1 of URS report dated 5 April 2004 enclosed with Council letter to DEC dated 20 April 2004.
29	Leachate discharge monitoring.	Leachate discharge monitoring.	Leachate dam, marked 'New Leachate Dam' on URS Figure 1 enclosed with letter to DEC from Northern Rivers Waste dated 20 April 2004.
30	Leachate quality monitoring.	Leachate quality monitoring.	The vertical flow wetland as marked on Geolink plans dated 28 April 2004.

Environment Protection Licence

Licence - 5880



Environment,
Climate Change
& Water

EPA identification no.	Type of monitoring point	Type of discharge point	Description of location
31	Groundwater quality monitoring.		Groundwater monitoring well, marked as MW18 on aerial photograph enclosed with licensee's correspondence dated 22 May 2007.
32	Groundwater quality monitoring.		Groundwater monitoring bore, marked as MW19 on aerial photograph enclosed with the licensee's correspondence dated 22 May 2007.
33	Surface water quality monitoring.		Upstream surface water monitoring point, marked MCS07 on aerial photograph enclosed with the licensee's correspondence dated 22 May 2007.

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.
- L1.2 The level of leachate in the leachate interception trench (Point 22) must not exceed the level of the base of the waste adjacent to the leachate interception trench, except as a direct result of rainfall events greater than or equal to 235mm in total falling over any consecutive five day period.
- L1.3 Leachate is permitted to overflow from the leachate management system only as a direct result of a rainfall event of equal to or greater than 235mm in total falling over any consecutive five day period, and only from the following points: the leachate channel (Point 1) and the spillway of the leachate dam (Point 29).

L2 Load limits

- L2.1 Not applicable.
- L2.2 Not applicable.

L3 Concentration limits

Environment Protection Licence

Licence - 5880



Environment,
Climate Change
& Water

L3.1 Not applicable.

L3.2 Not applicable.

L3.3 Not applicable.

L4 Volume and mass limits

L4.1 Not applicable.

L5 Waste

L5.1 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.

Condition L5.1 does not limit any other conditions in this licence.

Code	Waste	Description	Activity	Other Limits
NA	General Solid Waste (non-putrescible)	As defined in Schedule 1 of the POEO Act, in force from time to time	Waste disposal (application to land)	Max Limit 40,000t per annum
NA	General Solid Waste (putrescible)			
NA	Asbestos Waste			
NA	Waste Tyres			
NA	General Solid Waste	Wastes assessed as General Solid Waste which are also subject to general or specific immobilisation approvals which have a restriction that they may only be disposed of at waste disposal facilities which have currently operating leachate collection systems.		
NA		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

Note: This licence in no way permits development of Cell 3 and landfilling in that Cell.

L6 Noise Limits

Environment Protection Licence

Licence - 5880



Environment,
Climate Change
& Water

- L6.1 Noise from the premises must not exceed:
- (a) an $LA_{eq(15min)}$ noise emission criterion of 50 dB(A) (7am to 6pm) Monday to Friday and 8am to 5pm Saturday;
 - (b) an $LA_{eq(15min)}$ noise emission criterion of 45 dB(A) during the evening (6pm to 10pm) Monday to Friday; and
 - (c) at all other times an $LA_{eq(15min)}$ noise emission criterion of 40 dB(A),

except as expressly provided by this licence.

- L6.2 Noise from the premises is to be assessed at the most affected point on or within the affected property boundary or, if this is more than 30m from a residence located within the boundaries of the affected property, at the most affected point within 30m of the residence.

L7 Hours of operation

- L7.1 All work at the premises must be conducted between the following hours:
7am to 6pm Mondays to Fridays, 8am to 5pm Saturdays, Sundays and Public Holidays.
- L7.2 The hours of operation permitted by this licence may be varied where there is no significant impact on the ambient levels outside the premises or at any noise sensitive location. The licensee must provide evidence that no significant impact occurs prior to a variation being granted for the hours of operation.

L8 Odour

- L8.1 No condition of this licence identifies a potentially offensive odour for the purposes of section 129 of the Protection of the Environment Operations Act 1997.

Note: Section 129 of the Protection of the Environment Operations Act 1997, provides that the licensee must not cause or permit the emission of any offensive odour from the premises but provides a defence if the emission is identified in the relevant environment protection licence as a potentially offensive odour and the odour was emitted in accordance with the conditions of a licence directed at minimising odour.

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 Control

- 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 Closure plan

- O4.1 The last licensee must prepare and submit to the EPA within 12 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.

O5 Tyre Storage

- O5.1 The total quantity of used, rejected or unwanted tyres (including shredded tyres and tyre pieces) stockpiled at the premises must not exceed 50 tonnes.
- O5.2 The licensee must ensure that stockpiles of used, rejected or unwanted tyres (including shredded tyres and tyre pieces) are located in a clearly defined area.
- O5.3 The licensee must ensure that stockpiles of used, rejected or unwanted tyres (including shredded tyres and tyre pieces) are managed so as not to cause or to be likely to cause the spread of disease by vermin.
- O5.4 The licensee must ensure that measures are taken to prevent stockpiles of used, rejected or unwanted tyres (including shredded tyres and tyre pieces) from catching on fire.

O6 Leachate management

- O6.1 All leachate generated at the premises must be collected in accordance with the leachate system described in section 2.2 of the LEMP as modified by the diagram attached to the licensee's correspondence dated 10 November 2004.
- O6.2 Leachate collected at the premises may be irrigated on land at the premises, treated on the premises, discharged to the East Lismore Sewage Treatment Works premises or otherwise transported off the premises to a facility lawfully able to receive the leachate.
- O6.3 Leachate may be irrigated onto non-waste filled areas of the premises only in accordance with the document *Environmental Guidelines: Use of Effluent by Irrigation (Department of Environment and Conservation 2004)* and in accordance with an irrigation management plan prepared by the licensee.

Environment Protection Licence

Licence - 5880



Environment,
Climate Change
& Water

- O6.4 Leachate generated by the active cell only may be reinjected into the landfill waste mass.
- O6.5 The licensee must take all practical measures to minimise the amount of leachate held in the leachate trench (Point 22), leachate channel (Point 1), leachate dam (Point 29) to enable compliance with conditions L1 of this licence.
- O6.6 Irrigation of leachate at the premises must not occur in a manner which causes surface runoff.
- O6.7 The perimeter of any non-waste filled areas at the premises to be irrigated with leachate must be contoured to prevent stormwater running onto the irrigation areas from storm events of less than or equal to a 1 in 10 year 24 hour duration rainfall event.
- O6.8 Spray from leachate irrigation activity must not drift beyond the boundary of the premises.
- O6.9 Leachate discharged from the premises to the licensee's East Lismore sewage treatment works (STW) must be pre-treated through the vertical flow wetland constructed at the STW for that purpose before the leachate enters the headworks of the STW. Leachate may bypass the vertical flow wetland only for the duration of essential maintenance of the vertical flow wetland or only with the written approval of the EPA.

O7 Management of surface waters

- O7.1 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 .
- O7.2 The levee banks on the southern, eastern and western boundaries of the premises must be designed, constructed and maintained to prevent flood waters arising from a 1 in 100 year flood event from entering the waste filled areas of the premises.

O8 Burning of green waste

- O8.1 There must be no incineration or burning of any waste at the premises.

O9 Quality assurance

- O9.1 The licensee must install the leachate barrier and leachate collection systems for Cell 2 and the final capping for Cells 1 and 2 in accordance with Australian Standard HB90.3 (2000) or an alternative construction quality assurance program approved in writing by the EPA in advance.

O10 Screening of waste

- O10.1 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 in accordance with section 4.2 of the LEMP.

O11 Filling plan

- O11.1 The licensee must manage the disposal of waste at the premises in accordance with the progressive filling plan described in section 4.8 of the LEMP.

O12 Completion of landfill cells

- O12.1 The licensee must ensure that the landfill cells are capped progressively and in accordance with condition O12.2 during operations and specifically at times when the level of waste reaches final heights as detailed in section 4.8 and figure 13 of the LEMP.
- O12.2 Capping must comprise a minimum of four layers in the order of installation: a seal bearing surface, a sealing layer, an infiltration layer and a revegetation layer. A plan of the capping system must be reviewed by the EPA before installation.

O13 Covering of waste

- O13.1 Cover material must be applied to landfilled areas as specified below:
- (a) Daily cover material
Cover must be either
 - i. Virgin excavated natural material ("VENM"), or
 - ii. Approved alternate daily cover.
 - (b) Daily cover
 - i. Cover material must be applied over all exposed landfilled waste prior to ceasing operations at the end of each day.
 - ii. Cover material must be applied to a minimum depth of 15 centimetres unless the approved alternate daily cover is being utilised.
 - (c) Intermediate cover
Cover material must be virgin excavated natural material and must be applied to a depth of 30 centimetres over surfaces of the landfilled waste at the premises which are to be exposed for more than 90 days.
 - (d) Cover material stockpile
At least two weeks cover material must be available at the premises under all weather conditions. This material may be won on site, or alternatively a cover stockpile must be maintained adjacent to the tip face.
- O13.2 For the purpose of condition O13.1 (a)(ii) the approved alternative daily cover is in accordance with specifications outlined within EPA correspondence dated **(date to be inserted)**.

O14 Unauthorised entry

- O14.1 The licensee must take all practicable steps to control entry to the premises.

Environment Protection Licence

Licence - 5880



Environment,
Climate Change
& Water

O14.2 The licensee must install and maintain lockable security gates at all access and departure locations.

O14.3 The licensee must ensure that all gates are locked whenever the landfill is unattended.

O15 Fire risk reduction works

O15.1 The licensee must have in place and implement section 5.9 of the LEMP to minimise the risk of fire at the premises.

O16 Fire extinguishment

O16.1 The licensee must extinguish fires at the premises as soon as possible.

O17 Fire fighting capability

O17.1 The licensee must have adequate fire prevention measures in place, and ensure that facility personnel are able to access fire-fighting equipment and manage fire outbreaks at any part of the premises in accordance with section 5.9 of the LEMP.

O18 Processes and management

O18.1 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.

5 Monitoring and recording conditions

M1 Monitoring records

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

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

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

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

- (a) the date(s) on which the sample was taken;
- (b) the time(s) at which the sample was collected;
- (c) the point at which the sample was taken; and

Environment Protection Licence

Licence - 5880



Environment,
Climate Change
& Water

(d) the name of the person who collected the sample.

M2 Requirement to monitor concentration of pollutants discharged

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

POINTS 1,22,23,29,30

Pollutant	Units of measure	Frequency	Sampling Method
Alkalinity (as calcium carbonate)	milligrams per litre	Special Frequency 1	Grab sample
Ammonia	milligrams per litre	Special Frequency 1	Grab sample
Arsenic	milligrams per litre	Special Frequency 1	Grab sample
Calcium	milligrams per litre	Special Frequency 1	Grab sample
Chemical oxygen demand	milligrams per litre	Special Frequency 1	Grab sample
Chloride	milligrams per litre	Special Frequency 1	Grab sample
Conductivity	microsiemens per centimetre	Special Frequency 1	Probe
Dissolved organic carbon	milligrams per litre	Special Frequency 1	Grab sample
Faecal Coliforms	colony forming units per 100 millilitres	Special Frequency 1	Grab sample
Fluoride	milligrams per litre	Special Frequency 1	Grab sample
Magnesium	milligrams per litre	Special Frequency 1	Grab sample
Nitrate	milligrams per litre	Special Frequency 1	Grab sample
Nitrogen (total)	milligrams per litre	Special Frequency 1	Grab sample
Organochlorine pesticides	micrograms per litre	Every 6 months	Grab sample
Organophosphate pesticides	micrograms per litre	Every 6 months	Grab sample
Phosphorus (total)	milligrams per litre	Special Frequency 1	Grab sample
Potassium	milligrams per litre	Special Frequency 1	Grab sample
Sodium	milligrams per litre	Special Frequency 1	Grab sample
Sulfate	milligrams per litre	Special Frequency 1	Grab sample
Total dissolved solids	milligrams per litre	Special Frequency 1	Grab sample
pH	pH	Special Frequency 1	Probe

Environment Protection Licence

Licence - 5880



Environment,
Climate Change
& Water

POINTS 3,4,5,7,8,9,10,11,12,13,14,24,25,26,27,28

Pollutant	Units of measure	Frequency	Sampling Method
Alkalinity (as calcium carbonate)	milligrams per litre	Yearly	Grab sample
Ammonia	milligrams per litre	Every 6 months	Grab sample
Arsenic	milligrams per litre	Yearly	Grab sample
Biochemical oxygen demand	milligrams per litre	Every 6 months	Grab sample
Calcium	milligrams per litre	Yearly	Grab sample
Chloride	milligrams per litre	Yearly	Grab sample
Conductivity	microsiemens per centimetre	Every 6 months	Probe
Dissolved Oxygen	milligrams per litre	Every 6 months	Probe
Dissolved organic carbon	milligrams per litre	Every 6 months	Grab sample
Faecal Coliforms	colony forming units per 100 millilitres	Yearly	Grab sample
Fluoride	milligrams per litre	Yearly	Grab sample
Iron	milligrams per litre	Yearly	Grab sample
Magnesium	milligrams per litre	Yearly	Grab sample
Manganese	milligrams per litre	Yearly	Grab sample
Methane	percent by volume	Yearly	Probe
Nitrate	milligrams per litre	Every 6 months	Grab sample
Organochlorine pesticides	micrograms per litre	Yearly	Grab sample
Organophosphate pesticides	micrograms per litre	Yearly	Grab sample
Potassium	milligrams per litre	Yearly	Grab sample
Redox potential	millivolts	Every 6 months	Probe
Sodium	milligrams per litre	Yearly	Grab sample
Standing Water Level	metres	Every 6 months	In situ
Sulfate	milligrams per litre	Yearly	Grab sample
TN	milligrams per litre	Every 6 months	Grab sample
TP	milligrams per litre	Every 6 months	Grab sample
Temperature	degrees Celsius	Every 6 months	Probe
Total Phenolics	milligrams per litre	Yearly	Grab sample
Total dissolved solids	milligrams per litre	Every 6 months	Grab sample
Total petroleum hydrocarbons	micrograms per litre	Every 6 months	Grab sample
pH	pH	Every 6 months	Probe

Environment Protection Licence

Licence - 5880



Environment,
Climate Change
& Water

POINTS 17,18,19,33

Pollutant	Units of measure	Frequency	Sampling Method
Alkalinity (as calcium carbonate)	milligrams per litre	Special Frequency 3	Grab sample
Ammonia	milligrams per litre	Special Frequency 2	Grab sample
Biochemical oxygen demand	milligrams per litre	Special Frequency 2	Grab sample
Calcium	milligrams per litre	Special Frequency 3	Grab sample
Chloride	milligrams per litre	Special Frequency 3	Grab sample
Conductivity	microsiemens per centimetre	Special Frequency 2	Probe
Dissolved Oxygen	milligrams per litre	Special Frequency 2	Probe
Dissolved organic carbon	milligrams per litre	Special Frequency 2	Grab sample
Faecal Coliforms	colony forming units per 100 millilitres	Special Frequency 2	Grab sample
Fluoride	milligrams per litre	Special Frequency 3	Grab sample
Iron	milligrams per litre	Special Frequency 3	Grab sample
Magnesium	milligrams per litre	Special Frequency 3	Grab sample
Manganese	milligrams per litre	Special Frequency 3	Grab sample
Nitrate	milligrams per litre	Special Frequency 2	Grab sample
Potassium	milligrams per litre	Special Frequency 3	Grab sample
Redox potential	millivolts	Special Frequency 2	Probe
Sodium	milligrams per litre	Special Frequency 3	Grab sample
Sulfate	milligrams per litre	Special Frequency 3	Grab sample
TN	milligrams per litre	Special Frequency 2	Grab sample
TP	milligrams per litre	Special Frequency 2	Grab sample
Temperature	degrees Celsius	Special Frequency 2	Probe
Total Phenolics	milligrams per litre	Special Frequency 3	Grab sample
Total dissolved solids	milligrams per litre	Special Frequency 2	Grab sample
Total petroleum hydrocarbons	milligrams per litre	Special Frequency 2	Grab sample
Total suspended solids	milligrams per litre	Special Frequency 2	Grab sample
Turbidity	nephelometric turbidity units	Special Frequency 2	Probe
pH	pH	Special Frequency 2	Probe

POINT 20

Pollutant	Units of measure	Frequency	Sampling Method
Methane	percent by volume	Quarterly	Probe

POINT 21

Pollutant	Units of measure	Frequency	Sampling Method
Methane	percent by volume	Quarterly	Probe

Environment Protection Licence

Licence - 5880



Environment,
Climate Change
& Water

POINTS 31,32

Pollutant	Units of measure	Frequency	Sampling Method
Alkalinity (as calcium carbonate)	milligrams per litre	Yearly	Representative sample
Ammonia	milligrams per litre	Every 6 months	Representative sample
Arsenic	milligrams per litre	Yearly	Representative sample
Biochemical oxygen demand	milligrams per litre	Every 6 months	Representative sample
Calcium	milligrams per litre	Yearly	Representative sample
Chloride	milligrams per litre	Yearly	Representative sample
Conductivity	millisiemens per centimetre	Every 6 months	Probe
Dissolved Oxygen	milligrams per litre	Every 6 months	Probe
Dissolved organic carbon	milligrams per litre	Every 6 months	Representative sample
Faecal Coliforms	colony forming units per 100 millilitres	Yearly	Representative sample
Fluoride	milligrams per litre	Yearly	Representative sample
Iron	milligrams per litre	Yearly	Representative sample
Magnesium	milligrams per litre	Yearly	Representative sample
Manganese	milligrams per litre	Yearly	Representative sample
Methane	percent by volume	Yearly	Probe
Nitrate	milligrams per litre	Every 6 months	Representative sample
Organochlorine pesticides	micrograms per litre	Yearly	Representative sample
Organophosphate pesticides	micrograms per litre	Yearly	Representative sample
Potassium	milligrams per litre	Yearly	Representative sample
Redox potential	millivolts	Every 6 months	Representative sample
Sodium	milligrams per litre	Yearly	Representative sample
Standing Water Level	metres	Every 6 months	In situ
Sulfate	milligrams per litre	Yearly	Representative sample
TN	milligrams per litre	Every 6 months	Representative sample
TP	milligrams per litre	Every 6 months	Representative sample
Temperature	degrees Celsius	Every 6 months	Probe
Total Phenolics	milligrams per litre	Yearly	Representative sample
Total dissolved solids	milligrams per litre	Every 6 months	Representative sample
Total petroleum hydrocarbons	milligrams per litre	Every 6 months	Representative sample
pH	pH	Every 6 months	Probe

For the purposes of the table(s) above Special Frequency 1 means the collection of samples quarterly, except for point 23 which must be sampled as soon as practicable after each rainfall event exceeding the following magnitudes: 25mm, 50mm, 100 and 150mm, for the purpose of wormfarm leachate characterisation.

For the purposes of the table(s) above Special Frequency 2 means the collection of samples quarterly, at a time when flow is occurring..

For the purposes of the table(s) above Special Frequency 3 means the collection of samples yearly, at a time when flow is occurring..

Note: For the purposes of complying with condition M2.1 samples must be taken from Point 29 and 30 at the discharge outlet of both points and on the same day.

M3 Testing methods - concentration limits

Environment Protection Licence

Licence - 5880



Environment,
Climate Change
& Water

- M3.1 Monitoring for the concentration of a pollutant emitted to the air required to be conducted by this licence must be done in accordance with:
- (a) any methodology which is required by or under the Act to be used for the testing of the concentration of the pollutant; or
 - (b) if no such requirement is imposed by or under the Act, any methodology which a condition of this licence requires to be used for that testing; or
 - (c) if no such requirement is imposed by or under the Act or by a condition of this licence, any methodology approved in writing by the EPA for the purposes of that testing prior to the testing taking place.

Note: The Protection of the Environment Operations (Clean Air) Regulation 2002 requires testing for certain purposes to be conducted in accordance with test methods contained in the publication "Approved Methods for the Sampling and Analysis of Air Pollutants in NSW".

- M3.2 Subject to any express provision to the contrary in this licence, monitoring for the concentration of a pollutant discharged to waters or applied to a utilisation area must be done in accordance with the Approved Methods Publication unless another method has been approved by the EPA in writing before any tests are conducted.

M4 Recording of pollution complaints

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

M5 Telephone complaints line

- M5.1 The licensee must operate during its operating hours a telephone complaints line for the purpose of receiving any complaints from members of the public in relation to activities conducted at the premises or by the vehicle or mobile plant, unless otherwise specified in the licence.

M5.2 The licensee must notify the public of the complaints line telephone number and the fact that it is a complaints line so that the impacted community knows how to make a complaint.

M5.3 Conditions M5.1 and M5.2 do not apply until 3 months after:

- (a) the date of the issue of this licence or
- (b) if this licence is a replacement licence within the meaning of the Protection of the Environment Operations (Savings and Transitional) Regulation 1998, the date on which a copy of the licence was served on the licensee under clause 10 of that regulation.

M6 Requirement to monitor volume or mass

M6.1 Not applicable.

M6.2 For each Point specified below the licensee must monitor the volume of leachate discharged from the Point and the destination of the discharge (eg. irrigation area; leachate dam; sewage treatment works) at the frequency and using the method and units of measure specified below.

POINTS 1; 22; 29;

Frequency	Unit of Measure	Sampling Method
Daily	KL	No method specified

M6.3 For each Point specified below the licensee must monitor the level of leachate held in the Point at the frequency and using the method and units of measure specified below.

POINT 22

Frequency	Unit of Measure	Sampling Method
Daily	cm	Instrumental

M6.4 For each Point specified below the licensee must monitor the level of leachate and the remaining freeboard, at the frequency and using the method and units of measure specified below.

POINT 1; 29

Frequency	Unit of Measure	Sampling Method
Daily	cm	Graduated in-situ marker

M7 Monitoring of rainfall

- M7.1 The licensee must monitor (by sampling and obtaining results by analysis) the parameters specified in Column 1 using the sampling method, units of measure, and sample at the frequency, specified opposite in the other columns.

Parameter	Units of Measure	Frequency	Sampling Method
Rainfall	mm	Morning and Evening	Instrumental

M8 Laboratory accreditation

- M8.1 Samples taken pursuant to a requirement in this licence to monitor the volume, mass or concentration of pollutants, must be analysed and reported in accordance with the laboratory accreditation requirements set out in section 2.1.3 of the Load Calculation Protocol.

The Load Calculation Protocol is the Protocol referred to in clause 18 of the Protection of the Environment Operations (General) Regulation 1998. A copy of the Protocol was published in the Government Gazette on 25 June 1999 and can be purchased from the EPA or viewed at <http://www.epa.nsw.gov.au>.

6 Reporting conditions**R1 Annual return documents****What documents must an Annual Return contain?**

- R1.1 The licensee must complete and supply to the EPA an Annual Return in the approved form comprising:
- (a) a Statement of Compliance; and
 - (b) a Monitoring and Complaints Summary.
- A copy of the form in which the Annual Return must be supplied to the EPA accompanies this licence. Before the end of each reporting period, the EPA will provide to the licensee a copy of the form that must be completed and returned to the EPA.

Period covered by Annual Return

- R1.2 An Annual Return must be prepared in respect of each reporting period, except as provided below.

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

Environment Protection Licence

Licence - 5880



Environment,
Climate Change
& Water

- R1.3 Where this licence is transferred from the licensee to a new licensee:
- (a) the transferring licensee must prepare an Annual Return for the period commencing on the first day of the reporting period and ending on the date the application for the transfer of the licence to the new licensee is granted; and
 - (b) the new licensee must prepare an Annual Return for the period commencing on the date the application for the transfer of the licence is granted and ending on the last day of the reporting period.

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

- R1.4 Where this licence is surrendered by the licensee or revoked by the EPA or Minister, the licensee must prepare an Annual Return in respect of the period commencing on the first day of the reporting period and ending on:
- (a) in relation to the surrender of a licence - the date when notice in writing of approval of the surrender is given; or
 - (b) in relation to the revocation of the licence - the date from which notice revoking the licence operates.

Deadline for Annual Return

- R1.5 The Annual Return for the reporting period must be supplied to the EPA by registered post not later than 60 days after the end of each reporting period or in the case of a transferring licence not later than 60 days after the date the transfer was granted (the 'due date').

Notification where actual load can not be calculated

- R1.6 Not applicable.

Licensee must retain copy of Annual Return

- R1.7 The licensee must retain a copy of the Annual Return supplied to the EPA for a period of at least 4 years after the Annual Return was due to be supplied to the EPA.

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

- R1.8 Within the Annual Return, the Statement of Compliance must be certified and the Monitoring and Complaints Summary must be signed by:
- (a) the licence holder; or
 - (b) by a person approved in writing by the EPA to sign on behalf of the licence holder.
- R1.9 A person who has been given written approval to certify a certificate of compliance under a licence issued under the Pollution Control Act 1970 is taken to be approved for the purpose of this condition until the date of first review of this licence.

R2 Notification of environmental harm

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

Environment Protection Licence

Licence - 5880



Environment,
Climate Change
& Water

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

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

R3 Written report

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

- (a) where this licence applies to premises, an event has occurred at the premises; or
- (b) where this licence applies to vehicles or mobile plant, an event has occurred in connection with the carrying out of the activities authorised by this licence,

and the event has caused, is causing or is likely to cause material harm to the environment (whether the harm occurs on or off premises to which the licence applies), the authorised officer may request a written report of the event.

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

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

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

R3.4 The EPA may make a written request for further details in relation to any of the above matters if it is not satisfied with the report provided by the licensee. The licensee must provide such further details to the EPA within the time specified in the request.

R4 Recording of fires

R4.1 The licensee must maintain a daily log and record the following data of fires at the site:

- (a) Time and date when the fire was deliberately started or reported.
- (b) Whether the fire was authorised by the licensee, and, if not, the circumstances which ignited the fire.
- (c) The time and date that the fire ceased and whether it burnt out or was extinguished.
- (d) The location of fire (eg. clean timber stockpile, putrescible garbage cell, etc).
- (e) Prevailing weather conditions.
- (f) Observations made in regard to smoke direction and dispersion.
- (g) The amount of waste that was combusted by the fire.

Environment Protection Licence

Licence - 5880



Environment,
Climate Change
& Water

(h) Action taken to extinguish the fire.

R4.2 The licensee or its employees or agents must notify the EPA in accordance with conditions R2.1 and R2.2 of all fires at the premises as soon as practical after becoming aware of the incident.

R5 Leachate discharges and exceedences

- R5.1 The licensee must notify the EPA in accordance with condition R2 when:
- the leachate level in the leachate interception trench (Point 22) exceeds the level of the base of the waste adjacent to the leachate interception trench;
 - leachate overflows from the leachate channel (Point 1);
 - leachate overflows from the spillway of leachate dam (Point 29).
- R5.2 The written details required by the above condition must include the following information:
- (a) the volume of the leachate discharged and over what time period the discharge occurred;
 - (b) the date and time of the commencement of the overflow;
 - (c) the weather conditions at the time of the discharge, specifying the amount of rainfall on a daily basis that had fallen:
 - on the day(s) of the discharge; and
 - for the one week period prior to the discharge.
 - (d) the most recent monitoring results of the chemical composition of the leachate;
 - (e) an explanation as to why the discharge occurred;
 - (f) the location(s) of the discharge;
 - (g) was the discharge permitted by this licence, and if not;
 - (h) a plan of action to prevent a similar discharge in the future;

R6 Landfill Gas Hazard Reporting

R6.1 The licensee must notify the EPA within 24 hours in accordance with condition R2.1 if subsurface monitoring detects methane above 1.25% (v/v), and increase the frequency of monitoring to daily, until the EPA determines otherwise.

R7 Water Detection Program – Annual Report

- R7.1 The licensee must submit to the EPA an annual water contamination detection monitoring program report for ground water and surface water by 29 August each year, commencing in 2007. The annual report must as a minimum incorporate the following:
1. The results of all water monitoring undertaken over the 12 months period and an assessment of the results against the trigger levels established in the URS report dated 21 December 2004 titled '*Review of Water Characterisation Monitoring Program Wyrallah Road Waste Facility Lismore NSW*';
 2. A tabular and graphical representation of contamination levels for the annual reporting period compared to previous reporting periods and an assessment of any changes and trends over time;
 3. An assessment of the nature and level of (and changes to) any human health and environmental risk, with respect to all sensitive receivers including Monaltrie Creek and off-site groundwater and the uses of those waters;

4. Any further mitigation measures proposed to be implemented for the subsequent 12 months period to further reduce contamination levels and risks to human health and the environment.

General conditions

G1 Copy of licence kept at the premises

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

Pollution studies and reduction programs

U1 Cell 2 Leachate Management Plan

- U1.1 Prior to the development of Cell 2 the licensee must submit a plan to the EPA for review, which:
- (a) assesses the need for and design of a leachate trench down-gradient of the proposed Cell 2 area to intercept any groundwater which may have been contaminated by Cell 1, and
 - (b) details the location, design, operation, management and monitoring of a leachate storage, disposal and monitoring systems for Cell 2.

Special conditions

- E1 Not applicable.

Dictionary

General Dictionary

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

3DGM [in relation to a concentration limit]

Means the three day geometric mean, which is calculated by multiplying the results of the analysis of three samples collected on consecutive days and then taking the cubed root of that amount. Where one or more of the samples is zero or below the detection limit for the analysis, then 1 or the detection limit

Environment Protection Licence

Licence - 5880



Environment,
Climate Change
& Water

	respectively should be used in place of those samples
Act	Means the Protection of the Environment Operations Act 1997
activity	Means a scheduled or non-scheduled activity within the meaning of the Protection of the Environment Operations Act 1997
actual load	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 1998
AM	Together with a number, means an ambient air monitoring method of that number prescribed by the <i>Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales</i> .
AMG	Australian Map Grid
anniversary date	The anniversary date is the anniversary each year of the date of issue of the licence. In the case of a licence continued in force by the Protection of the Environment Operations Act 1997, the date of issue of the licence is the first anniversary of the date of issue or last renewal of the licence following the commencement of the Act.
annual return	Is defined in R1.1
Approved Methods Publication	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 1998
assessable pollutants	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 1998
BOD	Means biochemical oxygen demand
CEM	Together with a number, means a continuous emission monitoring method of that number prescribed by the <i>Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales</i> .
COD	Means chemical oxygen demand
composite sample	Unless otherwise specifically approved in writing by the EPA, a sample consisting of 24 individual samples collected at hourly intervals and each having an equivalent volume.
cond.	Means conductivity
environment	Has the same meaning as in the Protection of the Environment Operations Act 1997
environment protection legislation	Has the same meaning as in the Protection of the Environment Administration Act 1991
EPA	Means Environment Protection Authority of New South Wales.
fee-based activity classification	Means the numbered short descriptions in Schedule 1 of the Protection of the Environment Operations (General) Regulation 1998.
flow weighted composite sample	Means a sample whose composites are sized in proportion to the flow at each composites time of collection.
general solid waste (non-putrescible)	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
general solid waste (putrescible)	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
grab sample	Means a single sample taken at a point at a single time
hazardous waste	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
licensee	Means the licence holder described at the front of this licence

Environment Protection Licence

Licence - 5880



Environment,
Climate Change
& Water

load calculation protocol	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 1998
local authority	Has the same meaning as in the Protection of the Environment Operations Act 1997
material harm	Has the same meaning as in section 147 Protection of the Environment Operations Act 1997
MBAS	Means methylene blue active substances
Minister	Means the Minister administering the Protection of the Environment Operations Act 1997
mobile plant	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
motor vehicle	Has the same meaning as in the Protection of the Environment Operations Act 1997
O&G	Means oil and grease
percentile [in relation to a concentration limit of a sample]	Means that percentage [eg.50%] of the number of samples taken that must meet the concentration limit specified in the licence for that pollutant over a specified period of time. In this licence, the specified period of time is the Reporting Period unless otherwise stated in this licence.
plant	Includes all plant within the meaning of the Protection of the Environment Operations Act 1997 as well as motor vehicles.
pollution of waters [or water pollution]	Has the same meaning as in the Protection of the Environment Operations Act 1997
premises	Means the premises described in condition A2.1
public authority	Has the same meaning as in the Protection of the Environment Operations Act 1997
regional office	Means the relevant EPA office referred to in the Contacting the EPA document accompanying this licence
reporting period	For the purposes of this licence, the reporting period means the period of 12 months after the issue of the licence, and each subsequent period of 12 months. In the case of a licence continued in force by the Protection of the Environment Operations Act 1997, the date of issue of the licence is the first anniversary of the date of issue or last renewal of the licence following the commencement of the Act.
restricted solid waste	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
scheduled activity	Means an activity listed in Schedule 1 of the Protection of the Environment Operations Act 1997
special waste	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
TM	Together with a number, means a test method of that number prescribed by the <i>Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales</i> .
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

Environment Protection Licence

Licence - 5880



Environment,
Climate Change
& Water

waste type

Means liquid, restricted solid waste, general solid waste (putrescible), general solid waste (non-putrescible), special waste or hazardous waste

Special Dictionary

Leachate

means liquid released by, or water that has percolated through, waste and which contains dissolved and/or suspended solids and/or gases.

Environment Protection Licence

Licence - 5880



Environment,
Climate Change
& Water



Environment Protection Licence

Licence - 5880



Environment,
Climate Change
& Water

Mr Graeme Budd

Environment Protection Authority

(By Delegation)

Date of this edition - 17-Sep-2010

End Notes

- | | |
|----|--|
| 1 | Licence varied by notice 1022335, issued on 26-Mar-2003, which came into effect on 20-Apr-2003. |
| 2 | Licence varied by notice 1030226, issued on 16-Oct-2003, which came into effect on 10-Nov-2003. |
| 3 | Licence varied by notice 1036989, issued on 30-Jul-2004, which came into effect on 24-Aug-2004. |
| 4 | Licence varied by notice 1042088, issued on 12-Nov-2004, which came into effect on 07-Dec-2004. |
| 5 | Licence varied by notice 1042980, issued on 14-Feb-2005, which came into effect on 11-Mar-2005. |
| 6 | Licence varied by notice 1045387, issued on 29-Apr-2005, which came into effect on 24-May-2005. |
| 7 | Licence varied by notice 1056304, issued on 22-Feb-2006, which came into effect on 19-Mar-2006. |
| 8 | Licence varied by notice 1065649, issued on 01-Nov-2006, which came into effect on 01-Nov-2006. |
| 9 | Licence varied by notice 1074240, issued on 04-Jun-2007, which came into effect on 04-Jun-2007. |
| 10 | Condition A1.3 Not applicable varied by notice issued on <issue date> which came into effect on <effective date> |
| 11 | Licence varied by notice 1097470, issued on 20-Mar-2009, which came into effect on 20-Mar-2009. |
| 12 | Licence varied by notice 1102181, issued on 23-Jul-2009, which came into effect on 23-Jul-2009. |
| 13 | Licence varied by notice 1110624, issued on 23-Feb-2010, which came into effect on 23-Feb-2010. |
| 14 | Licence varied by Correction to EPA Region data record., issued on 21-Jun-2010, which came into effect on 21-Jun-2010. |

Environment Protection Licence

Licence - 5880



Environment,
Climate Change
& Water

End Notes

- | | |
|----|--|
| 15 | Licence varied by Correction to EPA Region data record., issued on 22-Jun-2010, which came into effect on 22-Jun-2010. |
| 16 | Licence varied by notice 1118800, issued on 17-Sep-2010, which came into effect on 17-Sep-2010. |