Section 55 Protection of the Environment Operations Act 1997

Environment Protection Licence

Licence - 6053

Licence Details	
Number:	6053
Anniversary Date:	07-November

Licensee
GOSFORD CITY COUNCIL
PO BOX 21
GOSFORD NSW 2250

Licence Type
Premises

Premises
WOY WOY LANDFILL
NAGARI ROAD
WOY WOY NSW 2256

Scheduled Activity
Waste disposal (application to land)

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

Region
Waste Operations (Newcastle)
59-61 Goulburn Street
SYDNEY NSW 2000
Phone: 02 9995 5000
Fax: 02 9995 5999
PO Box A290 SYDNEY SOUTH
NSW 1232

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Information about this licence

Dictionary

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

Responsibilities of licensee

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

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

Variation of licence conditions

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

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

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

Duration of licence

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

Licence review

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

Fees and annual return to be sent to the EPA

For each licence fee period you must pay:

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

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

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:

GOSFORD CITY COUNCIL
PO BOX 21
GOSFORD NSW 2250

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.

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
WOY WOY LANDFILL
NAGARI ROAD
WOY WOY
NSW
2256
LOT 1 DP 654885; LOT 1 DP 126813; LOT 110 DP 755251 AS SHOWN ON MAP TITLED "SITE LAYOUT - FIGURE 3" CONTAINED WITHIN THE LEMP DATED 25 OCTOBER 2006

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 Landfill Environmental Management Plan (LEMP) Woy Woy Waste Depot, prepared by URS and dated 25 October 2006 is not to be taken as part of the documentation in A4.1, other than those parts specifically referenced in this licence.

2 Discharges to air and water and applications to land

P1 Location of monitoring/discharge points and areas

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

Air

EPA Identi-fication no.	Type of Monitoring Point	Type of Discharge Point	Description of Location
17	Sub-surface landfill gas		Gas monitoring bore labelled as "WW1" on "Figure 12" of the LEMP dated 25 October 2006.
18	Sub-surface landfill gas		Gas monitoring bore labelled as "WW2" on "Figure 12" of the LEMP dated 25 October 2006.
19	Sub-surface landfill gas		Gas monitoring bore labelled as "WW3" on "Figure 12" of the LEMP dated 25 October 2006.
21	Sub-surface landfill gas		Gas monitoring bore labelled as "WW6" on "Figure 12" of the LEMP dated 25 October 2006.
22	Sub-surface landfill gas		Gas monitoring bore labelled as "WW7" on "Figure 12" of the LEMP dated 25 October 2006.
24	Surface landfill gas		Surface gas monitoring labelled as "Traverse 1" as shown on "Firgure 12" of the LEMP dated 25 October 2006.
25	Surface landfill gas		Surface gas monitoring labelled as "Traverse 2" as shown on "Firgure 12" of the LEMP dated 25 October 2006.
26	Surface landfill gas		Surface gas monitoring labelled as "Traverse 3" as shown on "Firgure 12" of the LEMP dated 25 October 2006.
27	Surface landfill gas		Surface gas monitoring labelled as "Traverse 4" as shown on "Firgure 12" of the LEMP dated 25 October 2006.
28	Surface landfill gas		Surface gas monitoring labelled as "Traverse 5" as shown on "Firgure 12" of the LEMP dated 25 October 2006.
31	Landfill gas accumulation		Gas accumulation monitoring at area labelled as "Lunch Room" on "Figure 12" of the LEMP dated 25 October 2006.

EPA Identification no.	Type of Monitoring Point	Type of Discharge Point	Description of Location
32	Landfill gas accumulation		Gas accumulation monitoring at area labelled as "Maintenance Shed" on "Figure 12" of the LEMP dated 25 October 2006.
33	Landfill gas accumulation		Gas accumulation monitoring at area labelled as "Weighbridge Office" on "Figure 12" of the LEMP dated 25 October 2006.

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 identi-fication no.	Type of monitoring point	Type of discharge point	Description of location
1	Groundwater		Groudwater bore labelled as "WW1" on "Figure 4" of the LEMP dated 25 October 2006
2	Groundwater		Groudwater bore labelled as "WW2" on "Figure 4" of the LEMP dated 25 October 2006
3	Groundwater		Groudwater bore labelled as "WW3" on "Figure 4" of the LEMP dated 25 October 2006
5	Groundwater		Groudwater bore labelled as "WW6" on "Figure 4" of the LEMP dated 25 October 2006
6	Groundwater		Groudwater bore labelled as "WW7" on "Figure 4" of the LEMP dated 25 October 2006
8	Surface water		Surface water monitoring point labelled as "SO1" on "Figure 4" of the LEMP dated 25 October 2006.
9	Surface water		Surface water monitoring point labelled as "SO2" on "Figure 4" of the LEMP dated 25 October 2006.
10	Surface water		Surface water monitoring point labelled as "SO3" on "Figure 4" of the LEMP dated 25 October 2006.
12	Surface water		Surface water monitoring point labelled as "SO5" on "Figure 4" of the LEMP dated 25 October 2006.
13	Surface water		Surface water monitoring point labelled as "SO7" on "Figure 4" of the LEMP dated 25 October 2006.
14	Surface water		Surface water monitoring point labelled as "SO8" on "Figure 4" of the LEMP dated 25 October 2006.

EPA identi-fication no.	Type of monitoring point	Type of discharge point	Description of location
15	Leachate		Leachate bore labelled as "LO3" on "Figure 4" of the LEMP dated 25 October 2006.

3 Limit conditions

L1 Pollution of waters

L1.1 Except as may be expressly provided in any other condition of this licence, the licensee must comply with section 120 of the Protection of the Environment Operations Act 1997.

L2 Load limits

L2.1 Not applicable.

L2.2 Not applicable.

L3 Concentration limits

L3.1 Not applicable.

L3.2 Not applicable.

L3.3 Not applicable.

L3.4 Whenever a wet weather overflow is occurring due to a stormwater event greater than or equal to a 1 in 10 year recurrence interval of 24 hour duration storm event, water from the stormwater sedimentation basin(s) is permitted to be discharged for the duration of the overflow.

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, as in force from time to time	Waste Disposal (application to land)	A maximum of 100,000 tonnes of waste may be disposed per annum
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	Asbestos Waste	As defined in Schedule 1 of the POEO Act, as in force from time to time	Waste Disposal (application to land)	
NA	Waste Tyres	As defined in Schedule 1 of the POEO Act, as in force from time to time	Waste Disposal (application to land)	
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

L5.2 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.

L5.3 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.

L5.4 Tyres from the Sydney Metropolitan Area must not be received at the premises unless:
(a) they have been shredded into pieces measuring no more than 250mm in any direction; or
(b) they have had their walls removed; or
(c) the facility has the capacity, at the time of receiving the tyres, to recycle or reprocess the tyres into a saleable product (including retreading the tyres); or
(d) the facility has the capacity, at the time of receiving the tyres, to shred the tyres or remove the walls from the tyres; or
(e) the tyres are from a domestic load containing no more than 5 tyres having a diameter of less than 1.2 metres.

L6 Noise Limits

L6.1 Not applicable.

L7 Potentially offensive odour

L7.1 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 twelve (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 Leachate management

O5.1 A leachate barrier system and leachate collection system as detailed in Sectiion 7.2 of the LEMP must be installed on each surface within the premises to be used for the disposal of waste. This condition does not apply to any surface used for the emplacement of waste before 1 July 1998 as described by Section 7.2 of the LEMP

O5.2 The liner and liner sub-grade must be installed above the groundwater table.

O5.3 Surface water drainage must be diverted away from any area where waste is being landfilled.

O5.4 A leachate barrier system must be installed on each surface within the premises to be used for the storage of leachate.

O6 Maintenance of sedimentation system / leachate holding ponds

O6.1 The sedimentation and leachate dams must be maintained to ensure that their design capacity is available for the storage of stormwater/leachate.

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 recurrence interval of 24 hour duration storm event .

O7.2 The drainage from all areas at the premises which will liberate suspended solids when stormwater runs over these areas must be diverted into separate water quality controls for treatment of runoff that contains suspended pollutants.

O8 Burning of waste

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

O9 Screening of waste

O9.1 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.

O10 Filling plan

O10.1 The licensee must manage the disposal of waste at the premises in accordance with the progressive filling plan Section 6.3 of the LEMP.

O11 Completion of landfill cells

O11.1 The licensee must ensure that the landfill cells are capped progressively and specifically at times when the level of waste reaches final heights as detailed in Section 10 of the LEMP.

O11.2 Final capping must comprise four layers in the order of installation: a seal bearing surface, a sealing layer, an infiltration layer and the revegetation layer as specified in Section 10.4 of the LEMP.

O12 Unauthorised entry

O12.1 The licensee must take all practicable steps to control entry to the premises.

O13 Covering of waste

O13.1 Cover material must be:

(a) Daily Cover
Cover material must be applied to a minimum depth of 15 centimetres over all exposed landfilled waste prior to ceasing operations at the end of each day and must be either
(i) virgin excavated natural material, or
(ii) an approved synthetic cover.

(b) 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

(c) Cover material stockpile
At least two weeks cover material must be available at the premises under all weather conditions. The material may be won on site, or alternatively a cover stockpile must be maintained adjacent to the tip face.

O14 Fire extinguishment

O14.1 The licensee must extinguish fires at the premises as soon as possible.

O15 Fire fighting capability

O15.1 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 9.9 of the LEMP.

O16 Exhumation of waste

O16.1 The licensee must not exhume any landfilled waste unless approved in writing by the EPA.

O17 Construction of landfill cells

O17.1 The licensee must obtain approval from the EPA prior to constructing any new landfill cells at the premises.

O17.2 The licensee must provide a report to the EPA which details the design, construction, operation and rehabilitation of any new landfill cell. This report must be submitted to the EPA at least six months before the licensee intends to construct the cell, and it must include details on a QA/QC program which can demonstrate that the cell was constructed to meet its design specifications.

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

M2 Requirement to monitor concentration of pollutants discharged

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

POINTS 1,2,3,5,6

Pollutant	Units of measure	Frequency	Sampling Method
Alkalinity (as calcium carbonate)	milligrams per litre	Quarterly	Grab sample
Aluminium	milligrams per litre	Yearly	Grab sample
Ammonia	milligrams per litre	Quarterly	Grab sample
Arsenic	milligrams per litre	Yearly	Grab sample
Barium	milligrams per litre	Yearly	Grab sample
Benzene	milligrams per litre	Yearly	Grab sample
Cadmium	milligrams per litre	Yearly	Grab sample
Calcium	milligrams per litre	Quarterly	Grab sample
Chloride	milligrams per litre	Quarterly	Grab sample
Chromium (hexavalent)	milligrams per litre	Yearly	Grab sample
Chromium (total)	milligrams per litre	Yearly	Grab sample
Cobalt	milligrams per litre	Yearly	Grab sample
Conductivity	microsiemens per centimetre	Quarterly	Grab sample
Copper	milligrams per litre	Yearly	Grab sample
Ethyl benzene	milligrams per litre	Yearly	Grab sample
Fluoride	milligrams per litre	Yearly	Grab sample
Lead	milligrams per litre	Yearly	Grab sample
Magnesium	milligrams per litre	Quarterly	Grab sample
Manganese	milligrams per litre	Yearly	Grab sample
Mercury	milligrams per litre	Yearly	Grab sample
Nitrate	milligrams per litre	Yearly	Grab sample
Nitrite	milligrams per litre	Yearly	Grab sample
Organochlorine pesticides	milligrams per litre	Yearly	Grab sample
Organophosphate pesticides	milligrams per litre	Yearly	Grab sample
Polycyclic aromatic hydrocarbons	milligrams per litre	Yearly	Grab sample
Potassium	milligrams per litre	Quarterly	Grab sample
Sodium	milligrams per litre	Quarterly	Grab sample
Standing Water Level	metres	Quarterly	In situ
Sulfate	milligrams per litre	Quarterly	Grab sample
Toluene	milligrams per litre	Yearly	Grab sample
Total Phenolics	milligrams per litre	Yearly	Grab sample
Total dissolved solids	milligrams per litre	Quarterly	Grab sample
Total organic carbon	milligrams per litre	Quarterly	Grab sample
Total petroleum hydrocarbons	milligrams per litre	Yearly	Grab sample
Xylene	milligrams per litre	Yearly	Grab sample
Zinc	milligrams per litre	Yearly	Grab sample
pH	pH	Quarterly	Grab sample

POINTS 8,9,10,12,13,14

Pollutant	Units of measure	Frequency	Sampling Method
Ammonia	milligrams per litre	Quarterly	Grab sample
Biochemical oxygen demand	milligrams per litre	Quarterly	Grab sample
Conductivity	microsiemens per centimetre	Quarterly	Probe
Total organic carbon	milligrams per litre	Quarterly	Grab sample
Total suspended solids	milligrams per litre	Quarterly	Grab sample
pH	pH	Quarterly	Probe

POINT 15

Pollutant	Units of measure	Frequency	Sampling Method
Alkalinity (as calcium carbonate)	milligrams per litre	Yearly	Grab sample
Aluminium	milligrams per litre	Yearly	Grab sample
Ammonia	milligrams per litre	Yearly	Grab sample
Arsenic	milligrams per litre	Yearly	Grab sample
Barium	milligrams per litre	Yearly	Grab sample
Benzene	milligrams per litre	Yearly	Grab sample
Cadmium	milligrams per litre	Yearly	Grab sample
Calcium	milligrams per litre	Yearly	Grab sample
Chloride	milligrams per litre	Yearly	Grab sample
Chromium (hexavalent)	milligrams per litre	Yearly	Grab sample
Chromium (total)	milligrams per litre	Yearly	Grab sample
Cobalt	milligrams per litre	Yearly	Grab sample
Conductivity	microsiemens per centimetre	Yearly	Grab sample
Copper	milligrams per litre	Yearly	Grab sample
Ethyl benzene	milligrams per litre	Yearly	Grab sample
Fluoride	milligrams per litre	Yearly	Grab sample
Lead	milligrams per litre	Yearly	Grab sample
Magnesium	milligrams per litre	Yearly	Grab sample
Manganese	milligrams per litre	Yearly	Grab sample
Mercury	milligrams per litre	Yearly	Grab sample
Nitrate	milligrams per litre	Yearly	Grab sample
Nitrite	milligrams per litre	Yearly	Grab sample
Organochlorine pesticides	milligrams per litre	Yearly	Grab sample
Organophosphate pesticides	micrograms per litre	Yearly	Grab sample
Phosphorus (total)	milligrams per litre	Yearly	Grab sample
Polychlorinated biphenyls	micrograms per litre	Yearly	Grab sample
Potassium	milligrams per litre	Yearly	Grab sample
Sodium	milligrams per litre	Yearly	Grab sample
Standing Water Level	metres	Yearly	In situ
Sulfate	milligrams per litre	Yearly	Grab sample
Toluene	milligrams per litre	Yearly	Grab sample
Total Phenolics	milligrams per litre	Yearly	Grab sample
Total dissolved solids	milligrams per litre	Yearly	Grab sample
Total organic carbon	milligrams per litre	Yearly	Grab sample
Total petroleum hydrocarbons	milligrams per litre	Yearly	Grab sample
Total suspended solids	milligrams per litre	Yearly	Grab sample
Xylene	milligrams per litre	Yearly	Grab sample
Zinc	milligrams per litre	Yearly	Grab sample
pH	pH	Yearly	Grab sample

POINTS 17,18,19,21,22

Pollutant	Units of measure	Frequency	Sampling Method
Methane	percent by volume	Quarterly	Special Method 1

POINTS 24,25,26,27,28

Pollutant	Units of measure	Frequency	Sampling Method
Methane	percent by volume	Monthly	Special Method 2

POINTS 31,32,33

Pollutant	Units of measure	Frequency	Sampling Method
Methane	percent by volume	Quarterly	Special Method 3

M2.2 For the purpose of the table above “Special Method 1” means in accordance with Benchmark Technique 16 of the “Environmental Guidelines: Solid Waste Guidelines 1996”.

M2.3 For the purpose of the table above “Special Method 2” means in accordance with Benchmark Technique 17 of the “Environmental Guidelines: Solid Waste Guidelines 1996”.

M2.4 For the purpose of the table above “Special Method 3” means in accordance with Benchmark Technique 18 of the “Environmental Guidelines: Solid Waste Guidelines 1996”.

M3 Testing methods - concentration limits

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

(a) any methodology which is required by or under the Act to be used for the testing of the concentration of the pollutant; or

(b) if no such requirement is imposed by or under the Act, any methodology which a condition of this licence requires to be used for that testing; or

(c) if no such requirement is imposed by or under the Act or by a condition of this licence, any methodology approved in writing by the EPA for the purposes of that testing prior to the testing taking place.

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

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

M4 Recording of pollution complaints

M4.1 The licensee must keep a legible record of all complaints made to the licensee or any employee or agent of the licensee in relation to pollution arising from any activity to which this licence applies.

M4.2 The record must include details of the following:

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

M4.3 The record of a complaint must be kept for at least 4 years after the complaint was made.

M4.4 The record must be produced to any authorised officer of the EPA who asks to see them.

M5 Telephone complaints line

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

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

M5.3 Conditions M5.1 and M5.2 do not apply until 3 months after:
(a) the date of the issue of this licence or
(b) if this licence is a replacement licence within the meaning of the Protection of the Environment Operations (Savings and Transitional) Regulation 1998, the date on which a copy of the licence was served on the licensee under clause 10 of that regulation.

M6 Requirement to monitor volume or mass

M6.1 Not applicable.

M7 Monitoring remaining landfill capacity

M7.1 The licensee must monitor the remaining disposal capacity (in cubic metres) of the landfill.

6 Reporting conditions

R1 Annual return documents

What documents must an Annual Return contain?

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

Period covered by Annual Return

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

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

the Annual Return until after the end of the reporting period.

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

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

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

Deadline for Annual Return

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

Notification where actual load can not be calculated

R1.6 Not applicable.

Licensee must retain copy of Annual Return

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

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

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

R1.9 A person who has been given written approval to certify a certificate of compliance under a licence issued under the Pollution Control Act 1970 is taken to be approved for the purpose of this condition until the date of first review of this licence.

R2 Notification of environmental harm

Note: The licensee or its employees must notify the EPA of incidents causing or threatening material

harm to the environment as soon as practicable after the person becomes aware of the incident in accordance with the requirements of Part 5.7 of the Act.

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

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

R3 Written report

R3.1 Where an authorised officer of the EPA suspects on reasonable grounds that:
(a) where this licence applies to premises, an event has occurred at the premises; or
(b) where this licence applies to vehicles or mobile plant, an event has occurred in connection with the carrying out of the activities authorised by this licence,
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.
(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 to surface waters

R5.1 Whenever leachate is discharged to surface waters from the premises the licensee must notify the event to the EPA in accordance with condition R5.2.

R5.2 The licensee must provide written details of any leachate discharge(s) to the EPA within 7 days of the date on which the incident occurred in accordance with condition R5.3.

R5.3 The written details referred to in the above condition must be provided as a report. The report 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) a plan of action to prevent a similar discharge in the future; and
(h) was the discharge permitted by this licence.

R6 Landfill Gas Hazard Reporting

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

General conditions

G1 Copy of licence kept at the premises

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

G1.2 The licence must be produced to any authorised officer of the EPA who asks to see it.

G1.3 The licence must be available for inspection by any employee or agent of the licensee working at the premises.

Pollution studies and reduction programs

U1.1 Not applicable.

Special conditions

E1.1 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 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 *Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales*.
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 *Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales*.
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
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 *Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales*.
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

Mr Grahame Clarke

Environment Protection Authority

(By Delegation)

Date of this edition - 28-Jun-2010

End Notes

1	Licence varied by notice 1011784, issued on 30-Jan-2002, which came into effect on 24-Feb-2002.
2	Licence varied by notice 1019360, issued on 16-Oct-2002, which came into effect on 16-Oct-2002.
3	Licence fee period changed by notice 1021650 on 17-Oct-2002.
4	Licence varied by notice 1026093, issued on 14-May-2003, which came into effect on 08-Jun-2003.
5	Licence varied by notice 1036629, issued on 29-May-2004, which came into effect on 23-Jun-2004.
6	Licence varied by notice 1053134, issued on 18-Jan-2006, which came into effect on 12-Feb-2006.
7	Licence varied by correction to DEC Region, issued on 18-Jan-2007, which came into effect on 18-Jan-2007.
8	Licence varied by notice 1073147, issued on 24-Dec-2007, which came into effect on 24-Dec-2007.
9	Condition A1.3 Not applicable varied by notice issued on <issue date> which came into effect on <effective date>
10	Licence varied by notice 1095514, issued on 08-Dec-2008, which came into effect on 08-Dec-2008.
11	Licence varied by Correction to EPA Region data record., issued on 28-Jun-2010, which came into effect on 28-Jun-2010.