

Environment Protection Licence



Licence - 12594

Licence Details	
Number:	12594
Anniversary Date:	01-December

Licensee
ROADS AND MARITIME SERVICES
LOCKED BAG 928
NORTH SYDNEY NSW 2059

Premises
ALEXANDRIA LANDFILL
10 ALBERT STREET
ST PETERS NSW 2044

Scheduled Activity
Resource Recovery
Waste Storage

Fee Based Activity	Scale
Recovery of general waste	> 0 T recovered
Waste storage - other types of waste	> 0 T stored

Region
Waste & Resources - Waste Management
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);
- report incidents causing or threatening material environmental harm to the environment, as set out in Part 5.7 of the Act.

Variation of licence conditions

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

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

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

Duration of licence

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

Licence review

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

Fees and annual return to be sent to the EPA

For each licence fee period you must pay:

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

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

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

Transfer of licence

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

Public register and access to monitoring data

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

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

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

This licence is issued to:

ROADS AND MARITIME SERVICES
LOCKED BAG 928
NORTH SYDNEY NSW 2059

subject to the conditions which follow.

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1 Administrative Conditions

A1 What the licence authorises and regulates

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

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

Scheduled Activity	Fee Based Activity	Scale
Resource Recovery	Recovery of general waste	> 0 T recovered
Waste Storage	Waste storage - other types of waste	> 0 T stored

A2 Premises or plant to which this licence applies

A2.1 The licence applies to the following premises:

Premises Details
ALEXANDRIA LANDFILL
10 ALBERT STREET
ST PETERS
NSW 2044
LOT 2 DP 1168612 AS SHOWN ON APPROVED SURVEY PLAN AS BEING USED FOR THE SCHEDULED ACTIVITIES AUTHORISED BY THIS LICENCE.

A3 Other activities

A3.1 The Licensee may vary the are of premises that are subject to this licence and upon which scheduled activities authorised by this licence are carried out by lodging with the EPA an application for variation under section 58 of the Act of the area of the premises together with a Survey Plan.

Note: Licence 4627 does not apply to the area of Lot 11 DP 1013168 and Lot 100 DP 845651 used for the scheduled activities authorised by this licence as shown on the Approved Survey Plan.

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:

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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 documents (and any future amendments to them) are not to be taken as part of the documentation in A4.1, other than those parts specifically referenced in this licence.

a) Alexandria Landfill Site Revised Surface Water & Leachate Management Plan dated September 2004, prepared by Ian Grey Consulting Pty Limited (Report ID AJ001/Rp003 Rev D). An updated Figure 2 emailed to the DEC on 1 June 2005 from Ian Grey Groundwater Consulting Pty Limited).

A5 Other administrative conditions

A5.1 The licence operates subject to the Development Consents for Lot 1 in DP 1013168 and Lot 100 in DP 845651 granted by the Land and Environment Court of New South Wales on 28 September 2006 (Court numbers No.11646 of 2004 and 10079 of 2005) which Consents are limited to a period of 5 years from the date of the Consent.

Note: If an application for an extension of time under the condition of the consent is lodged with the consent authority at least 3 months before the required cessation of the development under the condition of the consent, the development can continue to be carried out until such time as that modification application is finally determined.

A5.2 The licensee must cease the activities allowed by this license within 6 months of the cessation of the current solid waste landfill operation if the solid waste landfill ceases operation prior to the 5 year development consent

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.

<i>Air</i>			
EPA identification no.	Type of Monitoring Point	Type of Discharge Point	Location Description
7	Dust Monitoring Point - DG1		Adjacent to weighbridge as identified in the diagram attached to the letter to the Environment Protection Authority dated 30 January 2012
8	Dust Monitoring Point - DG2		Southern boundary close to "Sealed Air" as identified in the diagram attached to the letter to the Environment Protection Authority dated 30 January 2012

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9	Dust Monitoring Point - DG3	Southwest boundary close to Canal Road as identified in the diagram attached to the letter to the Environment Protection Authority dated 30 January 2012
10	Dust Monitoring Point - DG4	Adjacent to Sequential Batch Reactor and workshops identified in the diagram attached to the letter to the Environment Protection Authority dated 30 January 2012

P1.2 The following utilisation areas referred to in the table below are identified in this licence for the purposes of the monitoring and/or the setting of limits for any application of solids or liquids to the utilisation area.

P1.3 The following points referred to in the table are identified in this licence for the purposes of the monitoring and/or the setting of limits for discharges of pollutants to water from the point.

Water and land

EPA Identification no.	Type of Monitoring Point	Type of Discharge Point	Location Description
1	Groundwater quality monitoring		Groundwater monitoring bore as labelled as "MW01" on map titled "Figure 5: Leachate & Groundwater Management Features" contained in the report titled "Alexandria Landfill Site Revised Surface Water & Leachate Management Plan September 2004".
2	Groundwater quality monitoring		Groundwater monitoring bore as labelled as "MW02s) on map titled "Figure 5: Leachate & Groundwater Management Features" contained in the report titled "Alexandria Landfill Site Revised Surface Water & Leachate Management Plan September 2004".
3	Groundwater quality monitoring		Groundwater monitoring bore as labelled as "MW02s) on map titled "Figure 5: Leachate & Groundwater Management Features" contained in the report titled "Alexandria Landfill Site Revised Surface Water & Leachate Management Plan September 2004".
4	Groundwater quality monitoring		Groundwater monitoring bore as labelled as "MW03) on map titled "Figure 5: Leachate & Groundwater Management Features" contained in the report titled "Alexandria Landfill Site Revised Surface Water & Leachate Management Plan September 2004".

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5	Groundwater quality monitoring	Groundwater monitoring bore as labelled as "MW04b) on map titled "Figure 5: Leachate & Groundwater Management Features" contained in the report titled "Alexandria Landfill Site Revised Surface Water & Leachate Management Plan September 2004".
6	Leachate quality monitoring	Leachate sump as labelled as "Leachate Sump") on map titled "Figure 1: Leachate & Groundwater Management Features" contained in the report titled "Alexandria Landfill Site Revised Surface Water & Leachate Management Plan September 2004".

3 Limit Conditions

L1 Pollution of waters

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

L2 Waste

- L2.1 The licensee must not cause, permit or allow any waste to be received at the premises, except the wastes expressly referred to in the column titled "Waste" and meeting the definition, if any, in the column titled "Description" in the table below.

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

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

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

Code	Waste	Description	Activity	Other Limits
NA	Foundry Sands			N/A
NA	Soils			Arsenic: 40mg/kg
				Cadmium: 2mg/kg
				Copper: 200mg/kg
				Mercury: 1.5mg/kg

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		<p>Zinc: 600mg/kg</p> <p>Petroleum Hydrocarbons C6-C9: 150mg/kg</p> <p>Petroleum Hydrocarbons C10-C36: 16</p> <p>Polycyclic aromatic hydrocarbons: 80mg/kg</p> <p>Polychlorinated biphenyls (individual): 1mg/kg</p> <p>No Acid Sulfate Soil or Potential Acid Sulfate Soil is to be received at the Premises.</p> <p>Soil thresholds will be subject to review from time-to-time</p>
NA	Garden waste	Maximum of 240,000 tonnes of waste may be processed per annum
NA	Wood waste	Maximum of 240,000 tonnes of waste may be processed per annum
NA	Metal waste	Maximum of 240,000 tonnes of waste may be processed per annum
NA	Glass	Maximum of 240,000 tonnes of waste may be processed per annum
NA	Plastic	Maximum of 240,000 tonnes of waste may be processed per annum

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NA	Building and demolition waste	Maximum of 240,000 tonnes of waste may be processed per annum
NA	General or Specific exempted waste	NA
NA	Waste	NA

L2.2 No disposal or landfilling of waste must occur at the premises.

L2.3 Stockpiles of waste or recovered material (including stockpiled materials already processed on site) must not exceed the following limits at any time:

- a) Wood waste for reuse – 2,000 tonnes;
- b) Shredded wood waste and garden waste – 2,000 tonnes
- c) Metal – 500 tonnes
- d) Glass – 500 tonnes
- e) Plastic – 500 tonnes
- f) Building and Demolition Waste – 180,000 tonnes

L2.4 Stockpiles of processed or unprocessed waste (except for bitumen) with particle size of which is less than 20mm shall only be located within the Pit Area of the Premises as shown on “Plan 1 - General Layout – Proposed Waste Transfer Station” dated 27/10/2005 within development consent No. 11646 of 2004 issued by the Land and Environment Court of New South Wales on 28 September 2006.

L3 Hours of operation

L3.1 Activities covered by this licensee must be carried out between the following hours:

- a) for processing of materials and arrival and departure of trucks:
700 hrs to 1800 hrs Mondays to Fridays;
730 hrs to 1600 hrs Saturdays;
- b) for inward movement of goods only (no processing or outwards goods movement):
900 hrs to 1500 hrs Sundays;
- c) for inwards movements of goods only (no processing or outwards goods movement):
900 hrs to 1500 hrs on public holidays for trucks of not more than two tonnes; and
- d) for maintenance and office activities:
700 hrs to 1900 hrs Mondays to Fridays;
730 hrs to 1700 hrs Saturdays; and
900 hrs to 1500 hrs Sundays and public holidays.

L4 Potentially offensive odour

L4.1 No condition of this licence identifies a potentially offensive odour for the purposes of section 129 of the

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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.

L5 Other limit conditions

Stockpile Height

- L5.1 The height of any stockpile of waste within 50 metres of properties located at 2 Bishop Street, St Peters must not exceed 3 metres.

4 Operating Conditions

O1 Activities must be carried out in a competent manner

- O1.1 Licensed activities must be carried out in a competent manner.

This includes:

- a) the processing, handling, movement and storage of materials and substances used to carry out the activity; and
- b) the treatment, storage, processing, reprocessing, transport and disposal of waste generated by the activity.

O2 Maintenance of plant and equipment

- O2.1 All plant and equipment installed at the premises or used in connection with the licensed activity:

- a) must be maintained in a proper and efficient condition; and
- b) must be operated in a proper and efficient manner.

O3 Dust

- O3.1 Dust spray systems must be installed and operating to minimise dust from all stockpiles and processing areas at the facility.

- O3.2 Dust sprays and/or dust collection systems must be installed and operating on all crushing, grinding and screening equipment at the facility.

- O3.3 The licensee must ensure that all stockpiles are wetted prior to waste being removed from them for processing, and that during processing, they are kept wet and high-pressure water sprays are utilised to prevent the migration of dust.

- O3.4 The vehicle routes in use around the premises, except for concrete handstands, are to be kept damp from

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700 hrs to 1700hrs Monday to Fridays and 700hrs to 1600hrs Saturdays.

O4 Emergency response

- O4.1 The licensee must maintain, and implement as necessary, a current emergency response plan for the premises. The licensee must keep the emergency response plan on the premises at all times. The emergency response plan must document systems and procedures to deal with all types of incidents (e.g. spills, explosions or fire) that may occur at the premises or that may be associated with activities that occur at the premises and which are likely to cause harm to the environment. If a current emergency response plan does not exist at the date on which this condition is attached to the licence, the licensee must develop an emergency response plan within three months of that date.

Preventing Fires

- O4.2 All operations and activities occurring at the premises must be carried out in a manner that will prevent and minimise the risk of fire at the premises.
- O4.3 The licensee must extinguish fires at the premises as soon as possible.

O5 Processes and management

Surface Water and Leachate Management Plan

- O5.1 The licensee must operate the facility in accordance with the document titled "Alexandria Landfill Site Revised Surface Water and Leachate Management Plan" dated September 2004, prepared by Ian Grey Consulting Pty Limited (Report ID AJ001/Rp003 Rev D).
- O5.2 All stormwater and stormwater treatment devices (including drainage systems, sumps and traps) must be regularly maintained.

Processes and Management

- O5.3 The licensee must ensure that all waste stored or processed at the premises is assessed and classified in accordance with the DECC Waste Classification Guidelines as in force from time to time.

O6 Waste management

Closure Plan

- O6.1 The licensee must prepare and submit to the EPA within twelve months prior to the intended closure of the facility, a closure plan in accordance with section 76 of the Protection of the Environment Operations Act 1997.
- O6.2 The licensee must take immediate action if methane concentrations levels exceed 500 parts per million (ppm) in any wood waste stockpile at the premises, by aerating the stockpiles to lower the methane

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concentrations to less than 500ppm.

Volumetric Survey

O6.3 The licensee must submit to the EPA's Manager Waste Operations, a volumetric survey of the premises carried out by a registered surveyor:

- a) During June in each year and provided to the EPA in the approved form and manner by no later than 31 July in that year; and
- b) During December in each year and provided to the EPA in the approved form and manner by no later than 31 January in that year.

Waste Processing, crushing and grinding

O6.4 All stockpiles of waste within 75 metres of the north and north-western boundary of the Premises must be located behind the physical barriers being shipping containers and walls in accordance with specifications outlined in Dial-A-Dump Industries letter dated 26 February 2010 (EPA Reference DOC10/9109).

Management of Stockpiles

O6.5 Waste processing, crushing and grinding activities must only occur below 8.0 metres RL and at the locations shown on "Plan 1 - General Layout – Proposed Waste Transfer Station" dated 27/10/2005 within development consent No. 11646 of 2004 issued by the Land and Environment Court of New South Wales on 28 September 2006.

O7 Other operating conditions

Wheel Wash

O7.1 All vehicles leaving the premises must be first put through an operating wheel wash except those that have not been in the landfilling or the material processing areas.

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:

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

M2 Requirement to monitor concentration of pollutants discharged

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

M2.2 Air Monitoring Requirements

POINT 7,8,9,10

Pollutant	Units of measure	Frequency	Sampling Method
PM10	grams per square metre per month	Quarterly	Australian Standard 3580.10.1-2003

M2.3 Water and/ or Land Monitoring Requirements

POINT 1,2,3,4,5

Pollutant	Units of measure	Frequency	Sampling Method
Alkalinity (as calcium carbonate)	milligrams per litre	Quarterly	Grab sample
Aluminium	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
Bicarbonate	milligrams per litre	Quarterly	Grab sample
Cadmium	milligrams per litre	Yearly	Grab sample
Calcium	milligrams per litre	Quarterly	Grab sample
Chloride	milligrams per litre	Quarterly	Grab sample
Chromium (hexavalent)	milligrams per litre	Yearly	Grab sample
Chromium (total)	milligrams per litre	Yearly	Grab sample
Cobalt	milligrams per litre	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

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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
Nitrogen (ammonia)	milligrams per litre	Quarterly	Grab sample
Organochlorine pesticides	milligrams per litre	Yearly	Grab sample
Organophosphate pesticides	milligrams per litre	Yearly	Grab sample
pH	pH	Quarterly	Probe
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 dissolved solids	milligrams per litre	Quarterly	Grab sample
Total organic carbon	milligrams per litre	Yearly	Grab sample
Total petroleum hydrocarbons	milligrams per litre	Yearly	Grab sample
Total Phenolics	milligrams per litre	Yearly	Grab sample
Xylene	milligrams per litre	Yearly	Grab sample
Zinc	milligrams per litre	Yearly	Grab sample

POINT 6

Pollutant	Units of measure	Frequency	Sampling Method
Alkalinity (as calcium carbonate)	milligrams per litre	Quarterly	Grab sample
Aluminium	milligrams per litre	Quarterly	Grab sample
Arsenic	milligrams per litre	Quarterly	Grab sample
Barium	milligrams per litre	Quarterly	Grab sample
Benzene	milligrams per litre	Quarterly	Grab sample
Bicarbonate	milligrams per litre	Quarterly	Grab sample
Cadmium	milligrams per litre	Quarterly	Grab sample
Calcium	milligrams per litre	Quarterly	Grab sample
Chloride	milligrams per litre	Quarterly	Grab sample
Chromium (hexavalent)	milligrams per litre	Quarterly	Grab sample
Chromium (total)	milligrams per litre	Quarterly	Grab sample
Cobalt	milligrams per litre	Quarterly	Grab sample
Copper	milligrams per litre	Quarterly	Grab sample
Ethyl benzene	milligrams per litre	Quarterly	Grab sample
Fluoride	milligrams per litre	Quarterly	Grab sample
Lead	milligrams per litre	Quarterly	Grab sample

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Magnesium	milligrams per litre	Quarterly	Grab sample
Manganese	milligrams per litre	Quarterly	Grab sample
Mercury	milligrams per litre	Quarterly	Grab sample
Nitrate	milligrams per litre	Quarterly	Grab sample
Nitrogen (ammonia)	milligrams per litre	Quarterly	Grab sample
Organochlorine pesticides	milligrams per litre	Quarterly	Grab sample
Organophosphate pesticides	milligrams per litre	Quarterly	Grab sample
pH	pH	Quarterly	Probe
Polycyclic aromatic hydrocarbons	milligrams per litre	Quarterly	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	Quarterly	Grab sample
Total dissolved solids	milligrams per litre	Quarterly	Grab sample
Total petroleum hydrocarbons	milligrams per litre	Quarterly	Grab sample
Total Phenolics	milligrams per litre	Quarterly	Grab sample
Xylene	milligrams per litre	Quarterly	Grab sample
Zinc	milligrams per litre	Quarterly	Grab sample

M3 Testing methods - concentration limits

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

Note: The *Protection of the Environment Operations (Clean Air) Regulation 2010* requires testing for certain purposes to be conducted in accordance with test methods contained in the publication "Approved Methods for the Sampling and Analysis of Air Pollutants in NSW".

M4 Weather monitoring

M4.1

Parameter	Units of Measure	Frequency	Averaging Period	Sampling Method
Rainfall	mm	Daily		AM-4

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Wind Speed @ 2 metres	m/s	Continuous	3 hourly	AM-2 & AM-4
Wind Direction & 2 metres		Continuous	3 hourly	AM-2 & AM-4
Temperature @ 2 metres	degree C	Continuous	3 hourly	AM-4

M4.2 The licensee must monitor (by sampling and obtaining results by analysis) the parameters specified in Column 1. The licensee must use the sampling method, units of measure, averaging period and sample at the frequency specified opposite in the other columns.

M5 Recording of pollution complaints

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

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

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

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

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

M6 Telephone complaints line

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

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

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

M7 Other monitoring and recording conditions

Wood Waste Stockpile Monitoring

M7.1 The licensee must monitor the concentration of methane within all stockpiled waste and materials which

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contain wood waste located over landfilled waste at the premises. The monitoring must be undertaken at least every 3 months and 5 readings must be taken at a depth of at least 50cm into each stockpile at a height of no more than 1 metre off the surface of the landfilled waste. The monitoring results, including sampling locations and date of sampling, analysis results and instrument details (including its calibration) must be recorded by the licensee. The instrument to monitor methane must be capable of measuring methane at concentrations as low as 500ppm.

Soil Classification Records

M7.2 Soil Classification Records

The licensee must keep a record of each load of Soil, as referred to under Condition L2.1, that is received at the premises. The record must include, but not necessarily be limited to, the following:

- (a) a copy of the waste classification report in accordance with the Waste Classification Guidelines, including the classification and the limits specified in the L2.1 table;
- (b) the quantity (in tonnes) of the Soil received;
- (c) the date and time that the Soil were received;
- (d) the registration number of the vehicle transporting the Soil to the premises;
- (e) the source(s) and address from where the Soil were received; and
- (f) the name and contact details of the company or individual delivering the Soil to the premises.

The record must be retained at the premises for at least 4 years after the receipt of the load of the soil. The record must be produced to any authorised officer of the EPA upon request.

6 Reporting Conditions

R1 Annual return documents

- R1.1 The licensee must complete and supply to the EPA an Annual Return in the approved form comprising:
- a) a Statement of Compliance; and
 - b) a Monitoring and Complaints Summary.

At the end of each reporting period, the EPA will provide to the licensee a copy of the form that must be completed and returned to the EPA.

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

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

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prepare an Annual Return in respect of the period commencing on the first day of the reporting period and ending on:

- a) in relation to the surrender of a licence - the date when notice in writing of approval of the surrender is given; or
- b) in relation to the revocation of the licence - the date from which notice revoking the licence operates.

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

R1.6 The licensee must retain a copy of the Annual Return supplied to the EPA for a period of at least 4 years after the Annual Return was due to be supplied to the EPA.

R1.7 Within the Annual Return, the 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.

R2 Notification of environmental harm

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

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

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

R3 Written report

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

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

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

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

- a) the cause, time and duration of the event;
- b) the type, volume and concentration of every pollutant discharged as a result of the event;
- c) the name, address and business hours telephone number of employees or agents of the licensee, or a specified class of them, who witnessed the event;
- d) the name, address and business hours telephone number of every other person (of whom the licensee

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is aware) who witnessed the event, unless the licensee has been unable to obtain that information after making reasonable effort;

e) action taken by the licensee in relation to the event, including any follow-up contact with any complainants;

f) details of any measure taken or proposed to be taken to prevent or mitigate against a recurrence of such an event; and

g) any other relevant matters.

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

R4 Other reporting conditions

Methane in wood waste stockpile

- R4.1 The licensee must notify the EPA as soon as practicable and in any case within 48 hours after it becomes aware of methane concentrations in any wood waste stockpile exceeding 12,500ppm.

7 General Conditions

G1 Copy of licence kept at the premises or plant

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

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

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

8 Pollution Studies and Reduction Programs

U1 Stockpile Markers

- U1.1 By 10 April 2012, the licensee must install a permanent stockpile height marker for all stockpiles located within 50 metres of properties located at 2 Bishop Street, St Peters that shows the height of 3 metres so that a visual check can be made against the marker to determine the height of the stockpiles.

U2 Improvements to Stormwater System

- U2.1 By 17 September 2012 the licensee must install the new stormwater drain and dam system in accordance with the document titled 'Filling Plan' dated May 2012 prepared by Genesis.

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Within two weeks of installing the stormwater drain and dam the licensee must submit to the EPA as built design drawings.

9 Special Conditions

E1 Financial assurance

E1.1 A financial assurance, in favour of the Environment Protection Authority (EPA), in the form of an irrevocable and unconditional guarantee from a bank, building society or credit union must be maintained as follows;

a) By 25 June 2007, the licensee must provide to the EPA a financial assurance in the amount of sixty thousand dollars (\$60,000);

b) By 1 June 2008, the licensee must provide to the EPA an additional financial assurance in the amount of sixty thousand dollars (\$60,000);

c) By 1 June 2009, the licensee must provide to the EPA an additional financial assurance in the amount of sixty thousand dollars (\$60,000).

The above assurances must be replenished to the full amount should the EPA have any reason to call up the financial assurance or any part thereof to correct environmental problems which have not been remedied by the occupier upon being given notice to do so.

E2 Survey plan

E2.1 The licensee shall on the commencement date of this licence and by not later than each subsequent 1 February during the currency of this licence provide to the EPA a survey plan.

Note: Definition of survey plan in condition E3.

E3 Definitions

E3.1 In this licence, the following phases are defined as follows:

E3.2 Approved Survey Plan means a plan showing a survey carried out by a registered surveyor of the land comprising Lot 11 DP 1013168 and Lot 100 DP 845651 and identifying the land to be used for scheduled activities authorised by this licence and also the remainder area of land to be used for the scheduled activities authorised by licence 4627 and the location of the significant physical barrier between those two areas of land, being the plan titled "Alexandria Landfill" (Reference No. 250038) dated January 2009 and lodged with the EPA on 20 February 2009 being the most recent such plan lodged under condition A2.2 and approved as a variation under section 58 of the Act by the EPA.

E3.3 Survey Plan means a plan showing a survey carried out by a registered surveyor of the land comprising Lot 11 DP 1013168 and Lot 100 DP 845651 and identifying the land to be used for scheduled activities

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authorised by this licence and also the remainder area of land to be used for the scheduled activities authorised by licence No. 4627 and the location of the significant physical barrier between those two areas of land.

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Dictionary

General Dictionary

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

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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 (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 2009
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> .

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

Mr Stephen Beaman

Environment Protection Authority

(By Delegation)

Date of this edition: 21-June-2007

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End Notes

- 1 Licence fee period changed by notice 1090787 approved on .
- 2 Licence varied by notice 1093242, issued on 31-Oct-2008, which came into effect on 31-Oct-2008.
- 3 Condition A1.3 Not applicable varied by notice issued on <issue date> which came into effect on <effective date>
- 4 Licence varied by notice 1099150, issued on 30-Mar-2009, which came into effect on 30-Mar-2009.
- 5 Licence varied by notice 1110780, issued on 02-Mar-2010, which came into effect on 02-Mar-2010.
- 6 Licence varied by notice 1123991, issued on 11-Feb-2011, which came into effect on 11-Feb-2011.
- 7 Licence varied by notice 1504464 issued on 15-Mar-2012
- 8 Licence varied by notice 1507603 issued on 08-Aug-2012
- 9 Licence transferred through application 1529358 approved on 23-Mar-2015 , which came into effect on 24-Mar-2015
- 10 Licence transferred through application 1535069 approved on 27-Oct-2015 , which came into effect on 14-Oct-2015