

Environment Protection Licence

Licence - 12889



Licence Details

Number:	12889
Anniversary Date:	29-July

Licensee

SITA AUSTRALIA PTY LTD

1725 ELIZABETH DRIVE

KEMPS CREEK NSW 2171

Premises

SITA ADVANCED WASTE TREATMENT FACILITY

1725 ELIZABETH DRIVE

KEMPS CREEK NSW 2171

Scheduled Activity

Composting

Resource Recovery

Waste Storage

Fee Based Activity

Scale

Composting	> 50000 T of organics received
Recovery of general waste	> 0 T recovered
Waste storage - other types of waste	> 0 T stored

Region

Waste & Resources - Waste Management

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SYDNEY NSW 2000

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NSW 1232

Environment Protection Licence

Licence - 12889



INFORMATION ABOUT THIS LICENCE	4
Dictionary	4
Responsibilities of licensee	4
Duration of licence	4
Licence review	4
Fees and annual return to be sent to the EPA	4
Transfer of licence	5
Public register and access to monitoring data	5
1 ADMINISTRATIVE CONDITIONS	6
A1 What the licence authorises and regulates	6
A2 Premises or plant to which this licence applies	6
A3 Information supplied to the EPA	6
2 DISCHARGES TO AIR AND WATER AND APPLICATIONS TO LAND	7
P1 Location of monitoring/discharge points and areas	7
3 LIMIT CONDITIONS	7
L1 Pollution of waters	7
L2 Concentration limits	8
L3 Waste	9
L4 Noise limits	9
L5 Hours of operation	10
L6 Potentially offensive odour	11
4 OPERATING CONDITIONS	11
O1 Activities must be carried out in a competent manner	11
O2 Maintenance of plant and equipment	11
O3 Dust	11
O4 Emergency response	11
O5 Processes and management	12
O6 Waste management	12
O7 Other operating conditions	12
5 MONITORING AND RECORDING CONDITIONS	13
M1 Monitoring records	13
M2 Requirement to monitor concentration of pollutants discharged	13
M3 Testing methods - concentration limits	14
M4 Recording of pollution complaints	14

Environment Protection Licence

Licence - 12889



M5	Telephone complaints line	15
6	REPORTING CONDITIONS	15
R1	Annual return documents	15
R2	Notification of environmental harm	16
R3	Written report	16
7	GENERAL CONDITIONS	17
G1	Copy of licence kept at the premises or plant	17
8	POLLUTION STUDIES AND REDUCTION PROGRAMS	17
U1	Leachate dam and overflow dam freeboard markers	17
U2	Potential Odour Source Investigation and Management	18
DICTIONARY		19
	General Dictionary	19

Environment Protection Licence

Licence - 12889



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).

Environment Protection Licence

Licence - 12889



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:

SITA AUSTRALIA PTY LTD
1725 ELIZABETH DRIVE
KEMPS CREEK NSW 2171

subject to the conditions which follow.

Environment Protection Licence

Licence - 12889



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
Composting	Composting	> 50000 T of organics received
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
SITA ADVANCED WASTE TREATMENT FACILITY
1725 ELIZABETH DRIVE
KEMPS CREEK
NSW 2171
PART LOT 740 DP 810111
PART LOT 740 DP 810111 - HATCHED IN RED ON "PLAN SHOWING THE BOUNDARIES OF THE S.A.W.T. AREA OVER PART OF LOT 740 DP 810111 SITA - ELIZABETH DR KEMPS CREEK" DATED 3 MAY 2010

A3 Information supplied to the EPA

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

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

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

Environment Protection Licence

Licence - 12889



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 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.

P1.2 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.

Water and land

EPA Identification no.	Type of Monitoring Point	Type of Discharge Point	Location Description
1	Stormwater monitoring point	Stormwater monitoring point	Stormwater discharge from clean pond to existing sedimentation dam on NW area of the SITA Elizabeth Drive Landfill as shown in Figure 3 in the report titled "Advanced Waste Treatment Facility - Elizabeth Drive Preferred Project Report" October 2007
2	Leachate Monitoring		Leachate Pond A as shown in Figure 3 in the report titled "Advanced Waste Treatment Facility - Elizabeth Drive - Preferred Project Report" October 2007
3	Leachate Monitoring		Leachate Pond B as shown in the "Plan showing contours as at 29.06.09 over Lot 1 DP 542395 & Lot 740 DP 810111, 1725 Elizabeth Drive, Kemps Creek" prepared by Matthew Freeburn Surveyors
4	Overflow Leachate Monitoring	Overflow Leachate Monitoring	Overflow Pond as shown in the "Plan showing contours as at 29.06.09 over Lot 1 DP 542395 & Lot 740 DP 810111, 1725 Elizabeth Drive, Kemps Creek" prepared by Matthew Freeburn Surveyors

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.

Environment Protection Licence

Licence - 12889



L2 Concentration limits

- L2.1 For each monitoring/discharge point or utilisation area specified in the table\ below (by a point number), the concentration of a pollutant discharged at that point, or applied to that area, must not exceed the concentration limits specified for that pollutant in the table.
- L2.2 Where a pH quality limit is specified in the table, the specified percentage of samples must be within the specified ranges.
- L2.3 To avoid any doubt, this condition does not authorise the pollution of waters by any pollutant other than those specified in the table\.
- L2.4 Water and/or Land Concentration Limits

POINT 1

Pollutant	Units of Measure	50 percentile concentration limit	90 percentile concentration limit	3DGM concentration limit	100 percentile concentration limit
Ammonia	milligrams per litre				0.9
pH	pH				6.5-8.5
Total suspended solids	milligrams per litre				50

POINT 4

Pollutant	Units of Measure	50 percentile concentration limit	90 percentile concentration limit	3DGM concentration limit	100 percentile concentration limit
Ammonia	milligrams per litre				0.9
BOD	milligrams per litre				20
pH	pH				6.5-8.5
Total suspended solids	milligrams per litre				50

Note: Exceedence of the discharge limits prescribed in Condition L3.3 (above) for Point 4 is permitted if the discharge occurs solely as a result of rainfall at the premises greater than 91 millimetres within any consecutive period of up to 5 days.

Environment Protection Licence

Licence - 12889



L3 Waste

- L3.1 The licensee must not cause, permit or allow any waste to be received at the premises, except the wastes expressly referred to in the column titled "Waste" and meeting the definition, if any, in the column titled "Description" in the table below.

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

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

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

Code	Waste	Description	Activity	Other Limits
NA	General solid waste (putrescible)	As defined in Schedule 1 of the POEO Act, in force from time to time	Resource recovery Composting Waste storage	Must not exceed 120,000T per year
NA	General solid waste (non-putrescible)	As defined in Schedule 1 of the POEO Act, in force from time to time	Resource recovery Composting Waste storage	Must not exceed 120,000T per year
NA	Biosolids categorised as unrestricted use, or as restricted use 1, 2 or 3, in accordance with the criteria set out in the biosolids guidelines	As defined in Schedule 1 of the POEO Act, in force from time to time	Composting Waste storage	Must not exceed 14,400T per year
NA	General or Specific exempted waste	Waste that meets all the conditions of a resource recovery exemption under Clause 51A of the Protection of the Environment Operations (Waste) Regulation 2005	As specified in each particular resource recovery exemption	NA
NA	Waste	Any waste received on site that is below licensing thresholds in Schedule 1 of the POEO Act, as in force from time to time	-	NA

L4 Noise limits

- L4.1 Noise generated from the premises must not exceed the noise limits presented in the table(s) below. The noise limits in the table(s) represent the noise contribution from the premises.

Location	Day LAeq (15 minute)	Evening LAeq (15 minute)	Night LAeq (15 minute)	Night LAmax
McGarvie Smith Farm	42	39	35	N/A

Environment Protection Licence

Licence - 12889



1745 Elizabeth Drive	41	40	37	47
1669A Elizabeth Drive	38	38	35	N/A
Caretakers Residence 1669A Elizabeth Drive	42	42	38	53

Morning Shoulder Period

Location	Morning Shoulder Period LAeq (15 minute)
McGarvie Smith Farm	39
1745 Elizabeth Drive	40
1669A Elizabeth Drive	38
Caretakers Residence 1669A Elizabeth Drive	42

- Note:
- Where LAeq means the equivalent continuous noise level – the level of noise equivalent to the energy-average of noise levels occurring over a measurement period.
 - Morning Shoulder is defined as 6am to 7am Monday to Friday.
 - Noise from the premises is to be measured at the most effected point or within the residential boundary or at the most affected point within 30 metres of the dwelling (rural situations) where the dwelling is more than 30 metres from the boundary to determine compliance with LAeq(15 minute noise level).
 - The modification factors in Section 4 of the NSW Industrial Noise Policy shall also be applied to the measured noise levels where applicable.
 - The noise limits identified above apply under the following metrological conditions:
 - (i) Wind speed up to 3m/s at 10 metres above the ground level; or
 - (ii) Temperature inversion conditions

L5 Hours of operation

L5.1 The licensee must comply with the operating hours in the Table below:

Activity	Day	Hours
Waste Receipt, outdoor operations & product dispatch	Monday - Friday	6am-6pm
	Saturday	8am-5pm
	Sunday	8am-4pm
	Public Holidays	7am-4pm
Outdoor operations	Monday - Friday	6pm-10pm*
	Public Holidays	7am-4pm
Indoor operations	Monday-Saturday	7am-11pm

Environment Protection Licence

Licence - 12889



In case of emergency

Monday-Saturday

Anytime

Note: Outdoor operations between the hours of 6pm-10pm Monday to Friday must be limited to 10 trips by a 6-tonne truck (that is 20 movements) and 12 trips by front end loader (that is 24 movements).

L6 Potentially offensive odour

L6.1 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

O3.1 The premises must be maintained in a condition which minimises or prevents the emission of dust from the premises.

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

Environment Protection Licence

Licence - 12889



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.

O5 Processes and management

O5.1 The licensee must ensure that any general solid waste (non-putrescible) and/or general solid waste (putrescible) received for processing, storage or resource recovery at the premises is assessed and classified in accordance with the DECC Waste Classification Guidelines as in force from time to time.

O5.2 Odour Management

The licensee must ensure the facility is built and operated to minimise odours.

This must include:

- a) all composting must be undertaken within enclosed tunnels;
- b) composting must be undertaken for set periods of time and at certain temperatures, oxygen and moisture levels so that the composted material has been fermented properly and is adequately stabilised prior to any outdoor storage of the composted material (parameters to be agreed with the EPA prior to operations at the premises);
- c) all exhaust air from the composting building and from the composting tunnels must pass through the biofilters;
- d) the biofilters are to be of a deep bed design and must have vented roofs; and
- e) a system of two leachate ponds must be used on site, to minimise the surface area of odorous leachate.
- f) all composting is undertaken in accordance with Australian Standard AS 4454-2003: Composts, Soil Conditioners and Mulches, Appendix N, Best practice guidelines for Composting Systems, or other practices approved in writing by the EPA.

O6 Waste management

O6.1 The licensee must implement procedures to detect any waste at the premises which not permitted by this licence to be received at the premises ("non-conforming wastes"). Non-conforming wastes must be removed from the premises as soon as possible and taken to another premises which can lawfully accept such wastes.

O6.2 Leachate Barrier

The licensee must have a leachate barrier system that is in the form of clay or modified soil liner (or equivalent) consisting of at least 600mm of recompacted clay with an in-situ permeability (K) of less than 10^{-7} m/s for outdoor areas where compost products or organic outputs are stored.

O7 Other operating conditions

O7.1 Bunding

The licensee shall ensure that all above ground tanks and vats, including those treating, processing and

Environment Protection Licence

Licence - 12889



storing waste water, leachate and diesel must be surrounded by a bund with a capacity to contain 110% of the tanks within the bund. All bunding must be designed and installed in accordance with the requirements of all relevant Australian Standards and or the DECC's "Environment Protection Manual Technical Bulletin Bunding and Spill Management".

- O7.2 The licensee shall ensure leachate levels in both the Liverpool line leachate dam and the leachate overflow dam are maintained below the design capacity as indicated on the freeboard markers.
- O7.3 The licensee shall maintain the freeboard markers such that they indicate the volume at which leachate levels have reached design capacity within the Liverpool line leachate dam and the leachate overflow dam.

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:
- M2.2 Water and/ or Land Monitoring Requirements

POINT 1

Pollutant	Units of measure	Frequency	Sampling Method
Ammonia	milligrams per litre	Special Frequency 1	Grab sample
Biochemical oxygen demand	milligrams per litre	Special Frequency 1	Grab sample

Environment Protection Licence

Licence - 12889



Conductivity	microsiemens per centimetre	Special Frequency 1	Grab sample
Oil and Grease	milligrams per litre	Special Frequency 1	Grab sample
pH	pH	Special Frequency 1	Grab sample
Total organic carbon	milligrams per litre	Special Frequency 1	Grab sample
Total suspended solids	milligrams per litre	Special Frequency 1	Grab sample

POINT 2,3

Pollutant	Units of measure	Frequency	Sampling Method
Ammonia	milligrams per litre	Yearly	Grab sample
Biochemical oxygen demand	milligrams per litre	Yearly	Grab sample
Chemical oxygen demand	milligrams per litre	Yearly	Grab sample
pH	pH	Yearly	Grab sample
Total suspended solids	milligrams per litre	Yearly	Grab sample

POINT 4

Pollutant	Units of measure	Frequency	Sampling Method
Ammonia	milligrams per litre	Special Frequency 1	Grab sample
Biochemical oxygen demand	milligrams per litre	Special Frequency 1	Grab sample
Chemical oxygen demand	milligrams per litre	Special Frequency 1	Grab sample
pH	pH	Special Frequency 1	Grab sample
Total suspended solids	milligrams per litre	Special Frequency 1	Grab sample

M2.3 For the purposes of the table(s) above Special Frequency 1 means the collection of samples annually and four times per year during discharge.

M3 Testing methods - concentration limits

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

M4 Recording of pollution complaints

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

Environment Protection Licence

Licence - 12889



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

M5 Telephone complaints line

- M5.1 The licensee must operate during its operating hours a telephone complaints line for the purpose of receiving any complaints from members of the public in relation to activities conducted at the premises or by the vehicle or mobile plant, unless otherwise specified in the licence.
- M5.2 The licensee must notify the public of the complaints line telephone number and the fact that it is a complaints line so that the impacted community knows how to make a complaint.
- M5.3 The preceding two conditions do not apply until 3 months after:
- 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.

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.
- 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

Environment Protection Licence

Licence - 12889



b) the new licensee must prepare an Annual Return for the period commencing on the date the application for the transfer of the licence is granted and ending on the last day of the reporting period.

- R1.4 Where this licence is surrendered by the licensee or revoked by the EPA or Minister, the licensee must prepare an Annual Return in respect of the period commencing on the first day of the reporting period and ending on:
- a) in relation to the surrender of a licence - the date when notice in writing of approval of the surrender is given; or
 - b) in relation to the revocation of the licence - the date from which notice revoking the licence operates.
- R1.5 The Annual Return for the reporting period must be supplied to the EPA 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.
- R1.8 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.

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

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

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,

Environment Protection Licence

Licence - 12889



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.

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 Leachate dam and overflow dam freeboard markers

U1.1 The licensee must install depth markers in both the Liverpool line leachate dam and the leachate overflow dam. These markers shall be installed such that they indicate the volume at which leachate levels have reached design capacity.

The installation of the depth markers must be completed by 17 September 2012.

Environment Protection Licence

Licence - 12889



U2 Potential Odour Source Investigation and Management

- U2.1 By no later than 4pm on Friday 15 February 2013, the licensee must undertake a “smoke test”, “ribbon test” or any other suitable method to identify all areas of fugitive odour emissions from the Waste Reveal and Processing Halls.
- U2.2 By no later than 4pm on Friday 22 February 2013 the licensee must submit a report to the EPA detailing the results of the tests and a timetable for the completion of any works required to ensure there are no fugitive emissions from the Waste Reveal or Processing Halls.
- U2.3 By no later than 4pm on Friday 22 February 2013 the licensee must submit a report to the EPA detailing:
- a) The maximum capacity (m3) of the leachate ponds on the premises;
 - b) A timetable for the ongoing and regular maintenance (including desludging) of the leachate ponds; and
 - c) Confirmation that the leachate ponds have adequate capacity to deal with leachate generated on the premises.
- U2.4 By no later than 4pm on Friday 22 February 2013 the licensee must provide a report to the EPA that addresses the following aspects of outdoor composting/maturation activities undertaken on the premises:
- a) When are the windrows “turned” on the outdoor maturation pads and an explanation as to how is this determined;
 - b) An explanation of how the ponding of rainwater is prevented on the outdoor maturation areas;
 - c) An explanation of how the windrows are managed to ensure effective aerobic decomposition is occurring and
 - d) An explanation of how outdoor windrows are managed to prevent anaerobic decomposition (including after rainfall events).
- U2.5 By no later than 4pm on Friday 1 March 2013, the outdoor shredding of waste materials must cease. From Friday 1 March 2013 all waste materials must be shredded within an enclosed building.
- U2.6 By no later than 4pm on Friday 22 February 2013 the licensee must submit a report to the EPA detailing the management of the biofilter including, but not necessarily limited to:
- a) A description of how the biofilter is managed;
 - b) A timetable for the ongoing maintenance of the biofilter that includes when the filter medium is due for replacement; and
 - c) An explanation as to how the licensee determines when the filter medium needs to be replaced.
- U2.7 Until 4.00pm on 28 June 2013, the licensee must notify the EPA *prior* to any of the following activities being undertaken at the premises:
- a) Turning of any windrows on the outdoor maturation pads;
 - b) Desludging of any leachate pond; and
 - c) Loading of any “matured” compost for transport off the premises.
- Notification can be made by email and attention to the Manager Waste Operations at waste.operations@environment.nsw.gov.au

Environment Protection Licence

Licence - 12889



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

Environment Protection Licence

Licence - 12889



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> .

Environment Protection Licence

Licence - 12889



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 Julian Thompson

Environment Protection Authority

(By Delegation)

Date of this edition: 29-July-2008

End Notes

- 1 Licence varied by notice 1099620, issued on 08-May-2009, which came into effect on 08-May-2009.
- 2 Licence varied by notice 1114442, issued on 10-Jun-2010, which came into effect on 10-Jun-2010.
- 3 Licence varied by Correction to EPA Region data record., issued on 28-Jun-2010, which came into effect on 28-Jun-2010.
- 4 Licence varied by correction to DECCW Region data record, issued on 07-Jul-2010, which came into effect on 07-Jul-2010.
- 5 Licence varied by notice 1120688, issued on 21-Oct-2010, which came into effect on 21-Oct-2010.
- 6 Licence varied by notice 1506913 issued on 27-Aug-2012
- 7 Licence varied by notice 1511557 issued on 04-Feb-2013