

Environment Protection Licence



Licence - 20471

Licence Details	
Number:	20471
Anniversary Date:	24-September

Licensee
BOGAN SHIRE COUNCIL
PO BOX 221
NYNGAN NSW 2825

Premises
NYNGAN LANDFILL
CANONBA ROAD
NYNGAN NSW 2825

Scheduled Activity
Waste Disposal (application to land)
Waste Storage

Fee Based Activity	Scale
Waste disposal by application to land	Any annual capacity
Waste storage - waste tyres	> 0 T stored

Region
North - Dubbo
48-52 Wingewarra Street
DUBBO NSW 2830
Phone: (02) 6883 5330
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PO Box 2111 DUBBO
NSW 2830

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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:

BOGAN SHIRE COUNCIL
PO BOX 221
NYNGAN NSW 2825

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
Waste Disposal (application to land)	Waste disposal by application to land	Any annual capacity
Waste Storage	Waste storage - waste tyres	> 0 T stored

A2 Premises or plant to which this licence applies

- A2.1 The licence applies to the following premises:

Premises Details
NYNGAN LANDFILL
CANONBA ROAD
NYNGAN
NSW 2825
LOT 109 DP 1182342, LOT 800 DP 1213854
SITE COMPRISES LOT 800 DP 1213854 (PREVIOUSLY KNOWN AS LOT 107 AND 108 DP 822472) AND LOT 109 DP 1182342 AS SHOWN IN FIGURE 5 OF LEMP - NYNGAN WASTE RESOURCE MANAGEMENT FACILITY DATED APRIL 2014.

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.

A4 Other administrative conditions

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- A4.1 The applicant must, in the opinion of the EPA, be a fit and proper person to hold a licence under the Protection of the Environment Operations Act 1997, having regard to the matters in s.83 of that Act.

2 Discharges to Air and Water and Applications to Land

P1 Location of monitoring/discharge points and areas

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

Air

EPA identification no.	Type of Monitoring Point	Type of Discharge Point	Location Description
36	Subsurface methane monitoring point		Subsurface methane monitoring point labelled "M1" as shown in Figure 8 of LEMP – Nyngan Waste and Resource Management Facility dated April 2014
37	Subsurface methane monitoring point		Subsurface methane monitoring point labelled "M4" as shown in Figure 8 of LEMP – Nyngan Waste and Resource Management Facility dated April 2014
38	Subsurface methane monitoring point		Subsurface methane monitoring point labelled "M9" as shown in Figure 8 of LEMP – Nyngan Waste and Resource Management Facility dated April 2014
39	Subsurface methane monitoring point		Subsurface methane monitoring point labelled "M16" as shown in Figure 8 of LEMP – Nyngan Waste and Resource Management Facility dated April 2014
40	Subsurface methane monitoring point		Subsurface methane monitoring point labelled "M21" as shown in Figure 8 of LEMP – Nyngan Waste and Resource Management Facility dated April 2014
41	Subsurface methane monitoring point		Subsurface methane monitoring point labelled "M24" as shown in Figure 8 of LEMP – Nyngan Waste and Resource Management Facility dated April 2014

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

Water and land

EPA Identification no.	Type of Monitoring Point	Type of Discharge Point	Location Description
1	Leachate Evaporation Pond		Leachate monitoring point labelled "MW7" as shown in Figure 6 of LEMP - Nyngan Waste and Resource Management Facility dated April 2014

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2	Groundwater Monitoring Bore	Groundwater monitoring bore labelled "MW1" as shown in Figure 6 of LEMP - Nyngan Waste and Resource Management Facility dated April 2014
3	Groundwater Monitoring Bore	Groundwater monitoring bore labelled "MW2" as shown in Figure 6 of LEMP - Nyngan Waste and Resource Management Facility dated April 2014
4	Groundwater Monitoring Bore	Groundwater monitoring bore labelled "MW3" as shown in Figure 6 of LEMP - Nyngan Waste and Resource Management Facility dated April 2014
5	Groundwater Monitoring Bore	Groundwater monitoring bore labelled "MW4" as shown in Figure 6 of LEMP - Nyngan Waste and Resource Management Facility dated April 2014
6	Groundwater Monitoring Bore	Groundwater monitoring bore labelled "MW5" as shown in Figure 6 of LEMP - Nyngan Waste and Resource Management Facility dated April 2014
7	Groundwater Monitoring Bore	Groundwater monitoring bore labelled "MW6" as shown in Figure 6 of LEMP - Nyngan Waste and Resource Management Facility dated April 2014
9	Groundwater Monitoring Bore	Groundwater monitoring bore labelled "MW8" as shown in Figure 6 of LEMP - Nyngan Waste and Resource Management Facility dated April 2014

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

Noise

EPA identification no.	Type of monitoring point	Location description
34	Noise monitoring	All residences not associated with the development

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

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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	Waste tyres	As defined in Schedule 1 of the POEO Act.	Waste disposal (application to land) Waste storage	The total quantity of waste tyres stored at the premises must not exceed 50 tonnes or 5000 waste tyres at any one time.
NA	General solid waste (putrescible)	As defined in Schedule 1 of the POEO Act.	Waste disposal (application to land)	N/A
NA	Clinical and related waste	As defined in Schedule 1 of the POEO Act.	Waste disposal (application to land)	The total quantity of clinical waste disposed of at the premises must not be in loads which exceed 200kg each time
NA	Asbestos waste	As defined in Schedule 1 of the POEO Act.	Waste disposal (application to land)	N/A
NA	General Solid Waste (non-putrescible) excluding biosolids	As defined in Schedule 1 of the POEO Act.	Waste disposal (application to land)	N/A

- L2.2 This condition only applies to the storage, treatment, processing, reprocessing or disposal of waste at the premises if it requires an environment protection licence under the Protection of the Environment Operations Act 1997.

L3 Noise limits

- L3.1 Noise generated at the premises that is measured at each noise monitoring point established under this licence must not exceed the noise levels specified in Column 4 of the table below for that point during the corresponding time periods specified in Column 1 when measured using the corresponding measurement parameters listed in Column 2.

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POINT 34

Time period	Measurement parameter	Measurement frequency	Noise level dB(A)
Evening	L _{Aeq} (15 minute)	n/a	35
Night	L _{Aeq} (15 minute)	n/a	35
Day	L _{Aeq} (15 minute)	n/a	35

Note: For the purpose of the condition above;

- a) Day is defined as the period from 7am to 6pm Monday to Saturday and 8am to 6pm Sunday and Public Holidays.
- b) Evening is defined as the period 6pm to 10pm.
- c) Night is defined as the period from 10pm to 7am Monday to Saturday and 10pm to 8am Sunday and Public Holidays.

L3.2 The noise limits set out in condition L3.1 apply under all meteorological conditions except for the following:

- wind speeds greater than 3 metres/second at 10 metres above ground level.

L3.3 For the purpose of condition L3.2

- a) Data recorded by the meteorological station at Nyngan Airport must be used to determine meteorological conditions

L3.4 To determine compliance:

- a) with the Leq (15 minute) noise limits in condition L3.1. the noise measurement equipment must be located:
 - i) approximately on the property boundary, where any dwelling is situated 30 meters or less from the property boundary closest to the premises; or
 - ii) within 30 meters of a dwelling facade, but not closer than 3 meters, where any dwelling on the premises; or where applicable
 - iii) within approximately 50 meters of the boundary of National Park or a Natural Reserve
- b) with the noise limits in condition L3.1, the noise measurement equipment be located:
 - i) at most effected point at a location where there is no dwelling at the location; or
 - ii) at the most effected point within an area at a location prescribed by condition L3.4

L3.5 A non-compliance of condition L3.1 will still occur where noise generated from the premises in excess of the appropriate limit is measured:

- a) at a location other than an area prescribed by condition L3.4 (a) and L3.4 (b); and/or
- b) at a point other than the most affected point at a location.

L3.6 For the purpose of determining the noise generated at the premises the modification factors in Section 4 of the NSW Industrial Noise Policy must be applied, as appropriate, to the noise levels measured by the noise monitoring equipment.

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L4 Hours of operation

- L4.1 All landfilling operations and construction work at the premises must only be conducted between 7:00am to 6:00pm, Monday to Sunday.
- L4.2 Public access to the premises must only be permitted between:
- 7:00am to 6:00pm Monday to Sunday
- L4.3 This condition does not apply to the delivery of material outside the hours of operation permitted by condition L4.1 or L4.2, if that delivery is required by police or other authorities for safety reasons; and/or the operation or personnel or equipment are endangered. In such circumstances, prior notification must be provided to the EPA and affected residents as soon as possible or within a reasonable period in the case of emergency.
- L4.4 The hours of operation specified in condition L4.1 and L4.2 may be varied with written consent if the EPA is satisfied that the amenity of the residents in the locality will not be adversely affected.

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 Activities occurring at the premises must be carried out in a manner that will minimise emissions of dust from the premises.
- O3.2 Trucks entering and leaving the premises that are carrying loads must be covered at all times, except during loading and unloading.

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O4 Emergency response

- O4.1 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.

Fire extinguishment

- O4.2 The licensee must extinguish any fires at the premises immediately

O5 Processes and management

- O5.1 The licensee must take all practicable measures to minimise the tracking of mud and waste by vehicles leaving the premises.

- O5.2 The licensee must operate this waste facility in accordance with the LEMP.

- O5.3 The liner system for landfill cells must comprise either:

- a) re-compacted clay or similar material at least 90 centimetres thick with an in-situ co-efficient of permeability less than 10^{-9} metres per second or
- b) an alternative liner system of equivalent or better

- O5.4 The design of the leachate collection, conveyance, storage and disposal system must:

- a) be on the basis that disposal options for leachate are limited to evaporation, irrigation over the active landfill cell/s, or disposal at a facility licensed to accept such waste;
- b) incorporate leachate evaporation pond/s that are lined with either :
 - i) re compacted clay or similar material at least 90 centimetres thick with an in situ co-efficient of permeability of less than 10^{-9} metres per second; or
 - ii) an alternative equivalent barrier with equivalent or better performance approved in writing by the EPA.

- O5.5 The licensee must obtain and retain documentation from an appropriately qualified person to demonstrate the liners for all structures referred to in conditions O5.3 to O5.4 meet the permeability requirement specified above.

O6 Waste management

- O6.1 The licensee must have in place and implement procedures to minimise the risk of fire at the premises

- O6.2 The licensee must have in place and implement procedures to screen and remove any waste not permitted to be disposed of at the waste facility

Closure Plan

- O6.3 The licensee must prepare and submit to the EPA twelve months prior to the acceptance of the last load of waste being landfilled a closure plan in accordance with section 76 of the Protection of the Environment Operations Act 1997.

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Filling Plan

- O6.4 The licensee must maintain a filling plan that identifies areas to be used in the future for the disposal of waste. The filling plan must be updated at intervals of no greater than six months determining the remaining volume of the landfill.

Clinical Waste

- O6.5 Any clinical waste disposed of at the premises must be packaged in accordance with the requirements set out in the document called NSW Health: Waste Management Guidelines for Health Care Facilities issued by the Department of Health and dated August 1998.
- O6.6 Any clinical waste received at the premises must be:
- a) buried; or
 - b) immediately contained;
- in a manner that prevents the waste coming into contact with any person or animal, and in accordance with Clause 43 of the Protection of the Environment Operations (Waste) Regulation 2005.

Covering Waste

- O6.7 Cover material must be "virgin excavated natural material" as defined in Schedule 1 of the Protection of the Environment Operations Act 1997 and must be applied in accordance with the following requirements:
- (a) Daily Cover
Cover material must be applied to a minimum depth of 15 centimetres over all exposed landfill waste prior to ceasing operations at the end of each day.
 - (b) Intermediate cover
Cover material 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. This material may be on site, or alternatively a cover stockpile must be maintained adjacent to the tip face

Buring of waste

- O6.8 There must be no incineration or burning of waste at the premises.

Tyre Stockpile on Premises

- O6.9 Tyre Stockpile 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;
 - (c) be managed to control vermin; and
 - (d) be managed to prevent any tyres from catching fire.

Capping of waste

- O6.10 the licensee must ensure that the landfill cells are capped progressively

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07 Other operating conditions

Stormwater/sediment control - Construction Phase

- 07.1 An Erosion and Sediment Control Plan (ESCP) must be prepared and implemented. The plan must describe the measures that will be employed to minimise soil erosion and the discharge of sediment and other pollutants to lands and/or waters during construction activities. The ESCP should be prepared in accordance with the requirements for such plans outlined in *Managing Urban Stormwater: Soils and Construction* (available from the Department of Housing).

Stormwater/Sediment control - Operation phase

- 07.2 A Stormwater Management Scheme must be prepared for the development and must be implemented. Implementation of the Scheme must mitigate the impacts of stormwater run-off from and within the premises following the completion of construction activities. The Scheme should be consistent with the Stormwater Management Plan for the catchment. Where a Stormwater Management Plan has not yet been prepared the Scheme should be consistent with the guidance contained in *Managing Urban Stormwater: Council Handbook* (available from the EPA).
- 07.3 The stormwater control plans required by conditions 07.1 to 07.2 must address the requirements of conditions 07.6 to 07.9 below.
- 07.4 Water which contacts waste, other than virgin excavated natural material, must be managed as leachate
- 07.5 Leachate must only be disposed of by:
- a) evaporation,
 - b) irrigation within the active cell of the landfill, or
 - c) disposal at a facility licensed to accept such waste.
- 07.6 The licensee must ensure that the level of leachate above the basal cell liner is maintained less than 300mm, or another depth approved by the EPA.
- 07.7 Irrigation of leachate must only be undertaken:
- a) during dry weather, and
 - b) such that ponding or run off within the active cell does not occur and if the active tipping face is enclosed by a 300mm high earth bund.
- 07.8 The perimeter of the area where waste has been landfilled must be contoured to prevent stormwater running on to these surfaces from all storm events less than or equal to a 1 in 10 year 24 hour duration storm event.
- 07.9 Surface drainage must be diverted away from any area where waste is being or has been landfilled.
- 07.10 The drainage from all areas at the premises which will liberate suspended solids when stormwater runs over these areas must be diverted into sedimentation basins.
- 07.11 All practicable measures must be undertaken to manage all sediment dams such they have sufficient

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capacity to store run-off from the 90th percentile 5 day rainfall event.

Unauthorised entry

O7.12 The licensee must:

- a) take all practicable steps to control entry to the premises;
- b) install and maintain a stockproof perimeter fence around the premises;
- c) install and maintain lockable security gates at all access and departure locations; and
- d) ensure that all gates are locked whenever the landfill is unattended.

Litter Management

O7.13 The licensee must have in place and implement a litter management program.

Control of pests, vermin and weeds

O7.14 The licensee must control pests, vermin and weeds at the premises.

Staff training

O7.15 The licensee must ensure that adequately trained staff are available at the premises in order to administer the requirements of this licence.

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.

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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 36

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

POINT 37

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

POINT 38

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

POINT 39

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

POINT 40

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

POINT 41

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

M2.3 Water and/ or Land Monitoring Requirements

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POINT 1

Pollutant	Units of measure	Frequency	Sampling Method
Alkalinity (as calcium carbonate)	milligrams per litre	2 Times a year	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
Cadmium	milligrams per litre	Yearly	Grab sample
Calcium	milligrams per litre	2 Times a year	Grab sample
Chloride	milligrams per litre	2 Times a year	Grab sample
Chromium (total)	micrograms per litre	Yearly	Grab sample
Cobalt	micrograms per litre	Yearly	Grab sample
Conductivity	microsiemens per centimetre	2 Times a year	Grab sample
Copper	micrograms per litre	Yearly	Grab sample
Ethyl benzene	micrograms per litre	Yearly	Grab sample
Fluoride	micrograms per litre	Yearly	Grab sample
Lead	micrograms per litre	Yearly	Grab sample
Magnesium	micrograms per litre	2 Times a year	Grab sample
Manganese	micrograms per litre	Yearly	Grab sample
Mercury	micrograms per litre	Yearly	Grab sample
Nitrate + nitrite (oxidised nitrogen)	micrograms per litre	2 Times a year	Grab sample
Nitrogen (ammonia)	milligrams per litre	2 Times a year	Grab sample
Organochlorine pesticides	milligrams per litre	Yearly	Grab sample
Organophosphate pesticides	milligrams per litre	Yearly	Grab sample
pH	pH	2 Times a year	Grab sample
Polycyclic aromatic hydrocarbons	milligrams per litre	Yearly	Grab sample
Potassium	milligrams per litre	2 Times a year	Grab sample
Sodium	milligrams per litre	2 Times a year	Grab sample
Sulfate	milligrams per litre	2 Times a year	Grab sample
Toluene	milligrams per litre	Yearly	Grab sample
Total dissolved solids	milligrams per litre	2 Times a year	Grab sample
Total organic carbon	milligrams per litre	2 Times a year	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 2,3,4,5,6,7,9

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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
Cadmium	milligrams per litre	Yearly	Grab sample
Calcium	milligrams per litre	Quarterly	Grab sample
Chloride	milligrams per litre	Quarterly	Grab sample
Chromium (total)	milligrams per litre	Yearly	Grab sample
Cobalt	milligrams per litre	Quarterly	In situ
Conductivity	siemens	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
Nitrate + nitrite (oxidised nitrogen)	milligrams per litre	Quarterly	Grab sample
Nitrogen (ammonia)	milligrams per litre	Quarterly	Grab sample
Organochlorine pesticides	milligrams per litre	Yearly	Grab sample
Organophosphate pesticides	milligrams per litre	Yearly	In situ
pH	pH	Quarterly	Grab sample
Polynuclear 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 (Australian Height Datum)	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	Quarterly	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

M3 Testing methods - concentration limits

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- 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 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".

- 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.

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M5.3 The preceding two conditions do not apply until ; the date of the issue of this licence.

M6 Other monitoring and recording conditions

M6.1 No condition in 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

6 Reporting Conditions

R1 Annual return documents

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

1. a Statement of Compliance,
2. a Monitoring and Complaints Summary,
3. a Statement of Compliance - Licence Conditions,
4. a Statement of Compliance - Load based Fee,
5. a Statement of Compliance - Requirement to Prepare Pollution Incident Response Management Plan,
6. a Statement of Compliance - Requirement to Publish Pollution Monitoring Data,
7. a Statement of Compliance - Environmental Management Systems and Practices; and
8. a Statement of Compliance - Environmental Improvement Works.

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 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

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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 Statements of Compliance must be certified and the Monitoring and Complaints Summary must be signed by:

a) the licence holder; or

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

R2 Notification of environmental harm

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

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.

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.

R2.3 The applicant or its employees or agents must notify the EPA immediately after becoming aware if all fires at the premises in accordance with Part 5.7 of the Protection of the Environment Act 1997.

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

R4.1 In the event of a fire at the facility the applicant must record:

a) the time and date when the fire started or was reported;

b) whether the fire was authorised by the applicant, 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) the prevailing weather conditions;

f) any observations made in regard to smoke direction and dispersion;

g) the amount of waste that was combusted by the fire;

h) the action taken to extinguish the fire; and

i) proposed actions by the licensee to prevent re-occurrence.

R4.2 The licensee or its employees or agents must notify the EPA immediately after becoming aware of all fires at the premises in accordance with Part 5.7 of the Protection of the Environment Operations Act 1997

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.

G2 Other general conditions

G2.1 The location of all monitoring points referred to in this license must be clearly marked by signs that indicate the point identification number used in this licence and be located as close as practical to the point.

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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 Bradley Tanswell

Environment Protection Authority

(By Delegation)

Date of this edition: 24-September-2014

End Notes		
2	Licence varied by notice	1528716 issued on 21-Jul-2015
3	Licence varied by notice	1532614 issued on 02-Mar-2016