

# Licence Variation

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Licence - 6057

BYRON SHIRE COUNCIL  
ABN 14 472 131 473  
PO BOX 219  
MULLUMBIMBY NSW 2482

Attention: Ms Danielle Hanigan

Notice Number      1619926  
File Number        EF13/2729  
Date                 16-Sep-2022

## NOTICE OF VARIATION OF LICENCE NO. 6057

### BACKGROUND

- A. BYRON SHIRE COUNCIL (Licensee) is the holder of Environment Protection Licence No. 6057 (Licence) issued under the *Protection of the Environment Operations Act 1997* (Act). The licence authorises the carrying out of activities at THE MANSE ROAD, MYOCUM, NSW, 2481 (Premises).

### Structural integrity of the leachate storage tanks

- B. On 22 March 2022, special condition E2.1 was added requiring the Licensee to undertake stage 1 works at LS1 in accordance with the recommendations made from an assessment completed for the leachate storage and containment system at the Premises (Assessment).
- C. On 19 May 2022, Council provided the EPA with a letter stating that most but not all works at LS1 had been completed in accordance with the Assessment and advised the permeability of the bund flooring for LS1 containment system did not meet the specifications outlined in the Environmental Guidelines: Solid Waste Landfills, Second edition 2016 (Guidelines), however, this issue will be addressed with the upgrade of the leachate storage areas; LS1 and LS2 as required by condition E2.2.
- D. On 21 July 2022, Council provided the EPA with an email stating all works for LS1 as required by the Assessment had been completed.
- E. Notice of Variation of Licence No. 1619926 (Notice) removes former condition E2.1, as this condition has been completed. The issue with the bund flooring for LS1 containment system will be addressed by Condition E2.2.

### Upgrade of leachate storage area

- F. Council requested an extension to provide a project plan and delivery timeline for the construction of leachate storage areas; LS1 and LS2.

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- G. The EPA has considered the request and the difficulties imposed on Council as a result of the February/March floods in the Byron Shire area, and has varied condition E2.3 to extend the due date to 4 November 2022.
- H. No written comments about draft licence variation notice no. 1619926 were received by the EPA.
- I. The licence variation has been finalised.

## VARIATION OF LICENCE NO. 6057

- 1. By this notice the EPA varies licence No. 6057. The attached licence document contains all variations that are made to the licence by this notice.
- 2. The following variations have been made to the licence:
  - Condition E2.1 (existing) removed as completed.
  - Condition E2.3 (existing) amended to extend the due date 5pm on 4 November 2022.

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**Natasha Ryan**  
**Acting Unit Head**  
**Environment Protection Authority**  
(by Delegation)

## INFORMATION ABOUT THIS NOTICE

- This notice is issued under section 58(5) of the Act.
- Details provided in this notice, along with an updated version of the licence, will be available on the EPA's Public Register (<http://www.epa.nsw.gov.au/prpoeo/index.htm>) in accordance with section 308 of the Act.

### **Appeals against this decision**

- You can appeal to the Land and Environment Court against this decision. The deadline for lodging the appeal is 21 days after you were given notice of this decision.

### **When this notice begins to operate**

- The variations to the licence specified in this notice begin to operate immediately from the date of this notice, unless another date is specified in this notice.

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- If an appeal is made against this decision to vary the licence and the Land and Environment Court directs that the decision is stayed the decision does not operate until the stay ceases to have effect or the Land and Environment Court confirms the decision or the appeal is withdrawn (whichever occurs first).

# Environment Protection Licence

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## Licence Details

Number:	6057
Anniversary Date:	03-September

## Licensee

BYRON SHIRE COUNCIL  
 PO BOX 219  
 MULLUMBIMBY NSW 2482

## Premises

MYOCUM LANDFILL  
 THE MANSE ROAD  
 MYOCUM NSW 2481

## Scheduled Activity

Waste disposal (application to land)

## Fee Based Activity

## Scale

Waste disposal by application to land	Any capacity
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## Contact Us

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 4 Parramatta Square  
 12 Darcy Street  
 PARRAMATTA NSW 2150  
 Phone: 131 555  
 Email: [info@epa.nsw.gov.au](mailto:info@epa.nsw.gov.au)

Locked Bag 5022  
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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:

<b>BYRON SHIRE COUNCIL</b>
<b>PO BOX 219</b>
<b>MULLUMBIMBY NSW 2482</b>

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 capacity

### A2 Premises or plant to which this licence applies

A2.1 The licence applies to the following premises:

Premises Details
MYOCUM LANDFILL
THE MANSE ROAD
MYOCUM
NSW 2481
LOT 1 DP 1052900
AS SHOWN BY GREY HATCHING ON PLAN NO. 570/9 ENTITLED "MYOCUM WASTE DISPOSAL FACILITY, THE MANSE ROAD, MYOCUM – EPL 13127 BOUNDARY & EPL 6057 BOUNDARY" DATED 15/07/2014. EPA DOCUMENT NUMBER DOC17/27536.

### 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.

A3.2 The Myocum Landfill Revised Landfill Environmental Management Plan dated September 2006 (revised 15 My 2008) is not to be taken as part of the documentation in A3.1, other than those parts specifically referenced in this licence.

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Note: For the purposes of this licence the abbreviation 'LEMP' refers to the Landfill Environmental Management Plan described in this condition.

## 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
14	Landfill gas monitoring.		Gas monitoring point MW01 identified in Appendix A of Part E of LEMP, revised 15 May 2008
15	Landfill gas monitoring.		Gas monitoring point MW02 identified in Appendix A of Part E of LEMP, revised 15 May 2008.
16	Landfill gas monitoring.		Gas monitoring point MW03, identified in Appendix A of Part E of LEMP, revised 15 May 2008.
17	Landfill gas monitoring.		Gas monitoring point MW04 identified in Appendix A of Part E of LEMP, revised 15 May 2008.
18	Landfill gas monitoring.		Gas monitoring point MW05 identified in Appendix A of Part E of LEMP, revised 15 May 2008.
19	Landfill gas monitoring.		All buildings and sheds at the premises.
20	Noise level monitoring		Monitoring point N1 indicated in Appendix A of Part E of LEMP, revised 15 May 2008.
21	Noise level monitoring.		Noise monitoring point N2 identified in Appendix A of Part E of LEMP, revised 15 May 2008.
22	Noise level monitoring.		Noise monitoring point N3 identified in Appendix A of Part E of LEMP, revised 15 May 2008.
27	Noise level monitoring.		Noise monitoring point N4 identified in Appendix A of Part E of the LEMP, revised 15 May 2008.
28	Noise level monitoring.		Noise monitoring point N5 identified in Appendix A of Part E of the LEMP, revised 15 May 2008.

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.

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## Water and land

EPA Identification no.	Type of Monitoring Point	Type of Discharge Point	Location Description
1	Groundwater quality monitoring (regional).		Monitoring point MW01 approximately 50m downgradient of the northern face of landfill identified in Appendix A of Part E of LEMP, revised 15 May 2008.
2	Groundwater quality monitoring (regional).		Monitoring point MW02 adjacent to the southern edge of the proposed southern expansion identified in Appendix A of Part E of LEMP, revised 15 May 2008.
3	Groundwater quality monitoring (regional).		Monitoring bore MW03 at north west corner of adjacent Council quarry site, as identified in Appendix A of Part E of LEMP, revised 15 May 2008.
4	Groundwater quality monitoring (alluvial).		Monitoring bore MW04 approximately 20m downgradient of leachate interception trench identified in Appendix A of Part E of LEMP, revised 15 May 2008.
5	Groundwater quality monitoring (alluvial).		Monitoring bore MW05 approximately 20m down gradient of MW01 identified in Appendix A of Part E of LEMP, revised 15 May 2008.
6	Discharge to waters. Discharge quality monitoring.	Discharge to waters. Discharge quality monitoring.	Sediment Dam B identified in Appendix A of Part E of LEMP, revised 15 May 2008.
8	Discharge to waters. Discharge quality monitoring.	Discharge to waters. Discharge quality monitoring.	Sediment Dam A identified in Appendix A of Part E of LEMP, revised 15 May 2008.
9	Leachate level and quality monitoring.		Leachate sump LSA identified in Appendix A of Part E of LEMP, revised 15 May 2008.
10	Leachate level and quality monitoring.		Leachate Sump LSB identified in Appendix A of Part E of LEMP, revised 15 May 2008.
11	Leachate level and quality monitoring.		Leachate Tank LTB identified in Appendix A of Part E of LEMP, revised 15 May 2008.
12		Discharge to waters.	Discharge point LDP1 of leachate storage area LS1 identified in Appendix A of Part E of LEMP, revised 15 May 2008.
13		Discharge to waters.	Discharge point LDP2 from leachate storage area LS2 identified in Appendix A of Part E of LEMP, revised 15 May 2008.

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23	Groundwater quality monitoring (regional).	Monitoring bore MW06 adjacent to southern landfill face identified in Appendix A of Part E of the LEMP, revised 15 May 2008.
24	Groundwater quality monitoring (regional).	Monitoring bore MW07 in north west corner of site identified in Appendix A of Part E of LEMP, revised 15 May 2008.
25	Leachate level and quality monitoring.	Leachate sump LSE identified in Appendix A of Part E of the LEMP, revised 15 May 2008.
26	Leachate level monitoring.	Leachate Tank LTA identified in Appendix A of Part E of the LEMP, revised 15 May 2008.
29	Leachate utilisation.	Leachate irrigation area IA1 identified in Appendix A of Part E of the LEMP, revised 15 May 2008.
30	Leachate utilisation.	Leachate irrigation area IA2 identified in Appendix A of Part E of the LEMP, revised 15 May 2008.
31	Leachate utilisation.	Leachate irrigation area IA3 identified in Appendix A of Part E of the LEMP, revised 15 May 2008.
32	Leachate and groundwater presence and quality.	Leachate detection sump LDS identified in Appendix A of part E of the LEMP, revised 15 May 2008.
33	Background surface water quality monitoring.	Surface water sampling location marked SW01 in Appendix A of Part E of the LEMP, revised 15 May 2008.

## 3 Limit Conditions

### L1 Pollution of waters

- L1.1 Except as may be expressly provided in any other condition of this licence, the licensee must comply with section 120 of the Protection of the Environment Operations Act 1997.
- L1.2 The level of leachate in the leachate sump LSA (Point 9) must not be higher than 2m from the base of the sump, except as a direct result of a rainfall event of greater than or equal to 300mm in total falling over any consecutive five day period.
- L1.3 The level of leachate in each of the leachate sumps LSB and LSE (Points 10 and 25) and in each of the leachate tanks LTB and LTA (Points 11 and 26) must not exceed the level of the invert of the leachate collection pipe where it enters the sumps and tanks except as a direct result of a rainfall event of greater than or equal to 300mm in total falling over any consecutive five day period.
- L1.4 The level of liquid in the leak detection drain sump (LDS-Point 32) must not exceed the level of the invert of the drainage pipe where it enters the sump.
- L1.5 Leachate is permitted to overflow from the leachate management system only as a direct result of a rainfall event of equal to or greater than 300mm in total falling over any consecutive five day period and only from the

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following points: Leachate storage areas LS1 and LS2 (Points 12 and 13).

- L1.6 Stormwater is permitted to overflow from the stormwater management system only as a direct result of a rainfall event greater than or equal to 84mm in total falling over any consecutive five day period and only from the spillways of the following points: Points 6 and 8.

## 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 6

Pollutant	Units of Measure	50 percentile concentration limit	90 percentile concentration limit	3DGM concentration limit	100 percentile concentration limit
pH	pH				6.5-8.5
TSS	milligrams per litre				50

### POINT 8

Pollutant	Units of Measure	50 percentile concentration limit	90 percentile concentration limit	3DGM concentration limit	100 percentile concentration limit
pH	pH				6.5-8.5
TSS	milligrams per litre				50

- L2.5 Exceedances of concentration limits for total suspended solids (TSS and pH) in condition L3 are permitted as a direct result of a rainfall event greater than or equal to 84mm falling in total over any consecutive five day period from the normal discharge point and from the spillway of the following points: Points 6 and 8.
- L2.6 If the licensee uses turbidity (NTU) in place of total suspended solids (TSS) to determine compliance with Condition L2.4, the licensee must first develop a statistical correlation which identifies the relationship

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between NTU and TSS for water quality in the sediment basins.

The licensee must develop and implement a method to enable the ongoing verification of the relationship between NTU and TSS.

- L2.7 The licensee must provide the EPA with a copy of the statistical correlation assessment methodology and results before using NTU in place of TSS.
- L2.8 The licensee must develop and implement a method to enable the ongoing verification of the relationship between NTU and TSS.
- L2.9 The licensee must provide the EPA with any amendments the licensee makes to the statistical correlation as a result of the ongoing verification required by Condition L2.6 before using the revised statistical correlation.

## 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	Waste tyres	As defined in Schedule 1 of the POEO Act, in force from time to time	Waste disposal (application to land)	Max limit 20,000t/annum in total with all other waste types
NA	Asbestos waste	As defined in Schedule 1 of the POEO Act, in force from time to time	Waste disposal (application to land)	Max limit 20,000t/annum in total with all other waste types
NA	General solid waste (non-putrescible)	As defined in Schedule 1 of the POEO Act, in force from time to time	Waste disposal (application to land)	Max limit 20,000t/annum in total with all other waste types
NA	General solid waste (putrescible)	As defined in Schedule 1 of the POEO Act, in force from time to time	Waste disposal (application to land)	Max limit 20,000t/annum in total with all other waste types

## L4 Noise limits

- L4.1 Noise from the premises must not exceed:

a) An LAeq(15 minute) noise emission criterion of 43 dB(A) at monitoring points 20 (N1), 21 (N2), 27 (N4) and 28 (N5) and an LAeq(15 minute) noise emission criterion of 39 dB(A) at monitoring point 22 (N3) during operations at the landfill.

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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.

- L4.2 To determine compliance with condition L4.1 noise must be measured at, or computed for, the most affected point on or within the boundary of the residential property (N1, N2, N3, N4, N5), or if this is more than 30m from the residence, at the most affected point within 30m of the residence. A modifying factor correction must be applied for tonal, impulsive or intermittent noise in accordance with the "Environmental Noise Management - NSW Industrial Noise Policy (January 2000)".

## L5 Hours of operation

- L5.1 The licensee must only undertake high noise impact activities including the mulching of greenwaste and crushing of concrete between the hours of 09:00 to 16:00 Monday to Friday and at no time on weekends or public holidays.
- L5.2 When undertaking high noise impact activities including mulching greenwaste or crushing concrete, the licensee must:
1. Notify all potentially affected noise receivers in writing a minimum of 14 days prior to the proposed commencement of the activities;
  2. Include in the notification the contact telephone number for potentially affected receivers to lodge complaints during the proposed activities;
- Implement all reasonable and feasible mitigation measures to reduce noise impacts on potentially affected noise receivers.

## 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.

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## **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 All operations and activities occurring at the premises must be carried out in a manner that will minimise the emission of dust from the premises.

## **O4 Emergency response**

- O4.1 The licensee must have in place and implement procedures to minimise the risk of fire at the premises.
- O4.2 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.
- O4.3 The licensee must extinguish fires at the premises as soon as possible.

## **O5 Processes and management**

- O5.1 The licensee must take all practicable steps to control entry to the premises.
- O5.2 The licensee must install and maintain lockable security gates at all access and departure locations.
- O5.3 The licensee must ensure that all gates are locked whenever the landfill is unattended.
- O5.4 The licensee must prevent litter from leaving the premise boundaries and manage litter at the premises so it remains in waste management areas and maintains site amenity.
- O5.5 The licensee must control pests, vermin and weeds at the premises.

## **O6 Waste management**

- O6.1 The licensee must prepare and submit to the EPA within three months prior to the last load of waste being landfilled a closure plan in accordance with section 76 of the Protection of the Environment Operations Act 1997 for the southern expansion area.
- O6.2 The total quantity of used, rejected or unwanted tyres (including shredded tyres and tyre pieces) stockpiled at the premises must not exceed 50 tonnes.
- O6.3 The licensee must ensure that stockpiles of used, rejected or unwanted tyres (including shredded tyres and tyre pieces) are located in a clearly defined area.



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- O6.4 The licensee must ensure that stockpiles of used, rejected or unwanted tyres (including shredded tyres and tyre pieces) are managed so as not to cause or to be likely to cause the spread of disease by vermin.
- O6.5 The licensee must ensure that measures are taken to prevent stockpiles of used, rejected or unwanted tyres (including shredded tyres and tyre pieces) from catching on fire.
- O6.6 First flush rainfall runoff from all leachate irrigation areas (Points 29 (IA1), 30 (IA2) and 31 (IA3)) must be collected in the leachate collection system, except when irrigation has not occurred since the previous rainfall event which resulted in first flush rainfall runoff.
- First flush means the first 12mm of rainfall runoff from each rain event.
- O6.7 The leachate management system must be designed, installed and operated so as not to permit leachate to overflow into any sediment basin or other surface water treatment infrastructure.
- O6.8 The licensee must take all practicable measures to minimise the volume of leachate within the waste mass and to maximise the disposal of leachate collected in the leachate management system to enable compliance with conditions L1 of this licence.
- O6.9 Leachate collected at the premises may only be disposed of by irrigation onto the leachate irrigation areas IA1 (Point 29), IA2 (Point 30) and IA3 (Point 31) at the premises and transportation off the premises to a facility lawfully able to receive the leachate.
- O6.10 The licensee must install, operate and maintain leachate level monitoring and control devices for leachate sumps LSA, LSB, LSE and leachate tanks LTA, LTB (Points 9, 10, 25, 26 and 11) to control leachate levels in those sumps and tanks and to enable monitoring of compliance with conditions L1 of this licence.
- O6.11 Any liquid removed from the leak detection drain sump (LDS - Point 32) must be managed as leachate in the leachate management system.
- O6.12 Upslope surface water runoff from a rainfall event of up to 300mm in 24 hours must be diverted away from all active and capped waste filled areas.
- O6.13 All leachate and oil storage tanks must be surrounded by a bund with a capacity of at least 110% of the capacity of the tanks within the bund.
- O6.14 Any battery storage area must be designed, installed and managed to prevent rainfall and surface water contacting the batteries.
- O6.15 There must be no incineration or burning of any waste at the premises, except in accordance with Action Plans 106, 206 and 309 of the LEMP.
- O6.16 The licensee must have in place and implement procedures to identify and prevent the disposal of any waste not permitted by this licence to be disposed of at the premises.

## Northern Landfill

- O6.17 The licensee must ensure that the landfill cells are capped progressively and in accordance with the following condition when the level of waste reaches final heights as detailed in Figure 4.10 of the SEE.

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- O6.18 Final capping must comprise four layers in the order of installation: a seal bearing surface, a sealing layer, an infiltration drainage layer and a revegetation layer as specified in Action Plan 110 and Figure B7 of Part B of the LEMP.
- O6.19 The licensee must complete final capping of the Northern Landfill within 30 days after commencement of landfilling in the Southern Extension Area.
- O6.20 The licensee must submit a validation report to the EPA within 60 days after commencement of landfilling in the Southern Extension Area confirming compliance with the above final capping conditions for the Northern Landfill.

## Southern Extension Area

- O6.21 The licensee must ensure that the landfill cells are capped progressively and in accordance with the following condition when the level of waste reaches final heights as detailed in Action Plan 209 of the LEMP.
- O6.22 Final capping must comprise four layers in the order of installation: a seal bearing surface, a sealing layer, an infiltration drainage layer and a revegetation layer; and must meet the specifications for each layer identified in Action Plan 211.
- O6.23 Within 30 days after completion of final capping of the Southern Extension Area required under the above two conditions the licensee must provide a report to the EPA validating compliance with those conditions.
- O6.24 The licensee must manage the disposal of waste at the premises in accordance with the progressive filling plan in Action Plan 209 of the LEMP.
- O6.25 Cover material must be clean earthen material.
- a) Daily cover  
Cover material must be applied to a minimum depth of 15 centimetres over all exposed landfilled waste prior to ceasing operations at the end of each day.
- b) Intermediate cover  
Cover material must be applied to a minimum depth of 30 centimetres over surfaces of the landfilled waste at the premises which are to be exposed for more than 90 days.
- O6.26 Irrigation of leachate at the premises must not occur in a manner which causes surface runoff.
- O6.27 Spray from leachate irrigation must not drift beyond the boundary of the premises.
- O6.28 The licensee must minimise the tracking of waste and mud offsite by vehicles leaving the premises.

## O7 Other operating conditions

- O7.1 The surface water management controls described in Section 202 and in Part C Appendix A of the LEMP must be implemented to collect, store and treat sediment-laden surface water runoff from the premises.
- O7.2 Erosion and sediment controls must be implemented for the construction and operation of the southern extension area in accordance with Appendix A of Part C of the LEMP and these controls must be designed, installed and managed in accordance with the document Managing Urban Stormwater: Soils and Construction (Landcom 2004).

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- O7.3 Drainage from all areas of the premises which will liberate suspended solids when stormwater runs over these areas must be directed into Sediment Dams A and B (Points 6 and 8).

## 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:
- in a legible form, or in a form that can readily be reduced to a legible form;
  - kept for at least 4 years after the monitoring or event to which they relate took place; and
  - 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:
- the date(s) on which the sample was taken;
  - the time(s) at which the sample was collected;
  - the point at which the sample was taken; and
  - 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 14,15,16,17,18

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

##### POINT 19

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 1,2,3,4,5,23,24

Pollutant	Units of measure	Frequency	Sampling Method
Alkalinity (as calcium carbonate)	milligrams per litre	Every 6 months	Representative sample
Ammonia	milligrams per litre	Every 6 months	Representative sample
Calcium	milligrams per litre	Every 6 months	Representative sample
Chloride	milligrams per litre	Every 6 months	Representative sample
Conductivity	microsiemens per centimetre	Every 6 months	Probe
Iron	milligrams per litre	Every 6 months	Representative sample
Magnesium	milligrams per litre	Every 6 months	Representative sample
Manganese	milligrams per litre	Every 6 months	Representative sample
Nitrate	milligrams per litre	Every 6 months	Representative sample
pH	pH	Every 6 months	Probe
Potassium	milligrams per litre	Every 6 months	Representative sample
Sodium	milligrams per litre	Every 6 months	Representative sample
Standing Water Level	metres	Every 6 months	No method specified
Sulfate	milligrams per litre	Every 6 months	Representative sample
Temperature	degrees Celsius	Every 6 months	Probe
Total organic carbon	milligrams per litre	Every 6 months	Representative sample

## POINT 6,8,33

Pollutant	Units of measure	Frequency	Sampling Method
Alkalinity (as calcium carbonate)	milligrams per litre	Special Frequency 1	Grab sample
Ammonia	milligrams per litre	Special Frequency 1	Grab sample
Calcium	milligrams per litre	Special Frequency 1	Grab sample
Chloride	milligrams per litre	Special Frequency 1	Grab sample
Conductivity	microsiemens per centimetre	Special Frequency 1	Probe
Dissolved Oxygen	milligrams per litre	Special Frequency 1	Probe
Iron	milligrams per litre	Special Frequency 1	Grab sample
Magnesium	milligrams per litre	Special Frequency 1	Grab sample
Manganese	milligrams per litre	Special Frequency 1	Grab sample
Nitrate	milligrams per litre	Special Frequency 1	Grab sample
pH	pH	Special Frequency 2	Probe
Potassium	milligrams per litre	Special Frequency 1	Grab sample
Sodium	milligrams per litre	Special Frequency 1	Grab sample
Sulfate	milligrams per litre	Special Frequency 1	Grab sample
Temperature	degrees Celsius	Special Frequency 1	Probe
Total organic carbon	milligrams per litre	Special Frequency 1	Grab sample
TSS	milligrams per litre	Special Frequency 2	Grab sample

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## POINT 9,10,11,25

Pollutant	Units of measure	Frequency	Sampling Method
Alkalinity (as calcium carbonate)	milligrams per litre	Every 6 months	Grab sample
Ammonia	milligrams per litre	Every 6 months	Grab sample
Arsenic	milligrams per litre	Every 6 months	Grab sample
Calcium	milligrams per litre	Every 6 months	Grab sample
Chloride	milligrams per litre	Every 6 months	Grab sample
Fluoride	milligrams per litre	Every 6 months	Grab sample
Iron	milligrams per litre	Every 6 months	Grab sample
Magnesium	milligrams per litre	Every 6 months	Grab sample
Manganese	milligrams per litre	Every 6 months	Grab sample
Nitrate	milligrams per litre	Every 6 months	Grab sample
Organochlorine pesticides	milligrams per litre	Every 6 months	Grab sample
pH	pH	Every 6 months	Probe
Potassium	milligrams per litre	Every 6 months	Grab sample
Sodium	milligrams per litre	Every 6 months	Grab sample
Sulfate	milligrams per litre	Every 6 months	Grab sample
Temperature	degrees Celsius	Every 6 months	Probe
Total organic carbon	milligrams per litre	Every 6 months	Grab sample
Total Phenolics	milligrams per litre	Every 6 months	Grab sample

M2.4 For the purposes of the above tables 'Special Frequency 1' means the collection of samples every six months at a time when flow is occurring.

For the purposes of the above tables 'Special Frequency 2' relates to Points 6 and 8 only and means the collection of samples in accordance with 'Special Frequency 1' as well as daily whenever water is discharging during dry weather or during rainfall events of up to 84mm in total falling at the premises over any consecutive five day period.

M2.5 On each occasion liquid is removed from the leak detection drain sump (LDS – Point 32) it must be tested to establish if it is groundwater or leachate.

### M3 Testing methods - concentration limits

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

- any methodology which is required by or under the Act to be used for the testing of the concentration of the pollutant; or
- 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
- 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.



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Note: The *Protection of the Environment Operations (Clean Air) Regulation 2021* 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.
- M3.3 Samples taken pursuant to a requirement in this licence to monitor the volume, mass or concentration of pollutants, must be analysed and reported in accordance with the laboratory accreditation requirements set out in section 2.1.3 of the Load Calculation Protocol.

The Load Calculation Protocol is the Protocol referred to in clause 33 of the Protection of the Environment Operations (General) Regulation 2022. A copy of the Protocol was published in the Government Gazette on 26 June 2009 and can be downloaded from <http://www.epa.nsw.gov.au/licensing-and-regulation/licensing/environment-protection-licences/load-base-d-licensing/load-calculation-protocol>.

## M4 Weather monitoring

- M4.1 Rainfall at the premises must be measured and recorded in millimetres twice daily, in the morning and evening and at the same times each day.

## 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:
- the date and time of the complaint;
  - the method by which the complaint was made;
  - any personal details of the complainant which were provided by the complainant or, if no such details were provided, a note to that effect;
  - the nature of the complaint;
  - the action taken by the licensee in relation to the complaint, including any follow-up contact with the complainant; and
  - 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

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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 Requirement to monitor volume or mass**

M7.1 The licensee must monitor:

- a) the volume of leachate collected from the Northern Landfill;
- b) the volume of leachate collected from the Southern Extension Area;
- c) the total volume of leachate irrigated onto irrigation areas [Points 29-31];
- d) the volume of leachate transported off-site.

on a Daily basis, using Meters for the sampling method and kL for units of measure.

M7.2 The licensee must monitor the level of liquid in leachate sumps LSA, LSE and LDS (Points 9,25 and 32) and in leachate tanks LTA and LTB (Points 11 and 26) on a daily basis for the purposes of monitoring compliance with conditions L1.2 to L1.4 of this licence.

M7.3 The licensee must monitor daily the freeboard (spillway level minus water level) in Sediment Pond A and in Sediment Pond B.

## **M8 Requirement to record overflow or bypass incidents**

M8.1 For the purposes of complying with condition R2 the licensee must monitor all leachate overflow events.

## **M9 Other monitoring and recording conditions**

M9.1 The licensee must monitor noise at the monitoring points 20, 21, 22, 27 and 28 during high noise impact activities such as the processing of green waste, using a Noise meter sampling method and dB(A) as the unit of measure.

M9.2 Condition M9.1 only applies to noise monitoring points N1, N3 and N4 if the residences to which the monitoring points relate are sold, leased or otherwise lawfully occupied, and in any case of lease or occupation, for the full term of the lease or occupation.

## **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:

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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; and
7. a Statement of Compliance - Environmental Management Systems and Practices.

At the end of each reporting period, the EPA will provide to the licensee notification that the Annual Return is due.

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

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

R1.3 Where this licence is transferred from the licensee to a new licensee:

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

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

R1.4 Where this licence is surrendered by the licensee or revoked by the EPA or Minister, the licensee must prepare an Annual Return in respect of the period commencing on the first day of the reporting period and ending on:

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

R1.5 The Annual Return for the reporting period must be supplied to the EPA via eConnect *EPA* or 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

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



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requirements of Part 5.7 of the Act.

- R2.1 Notifications must be made by telephoning the Environment Line service on 131 555.
- R2.2 The licensee must provide written details of the notification to the EPA within 7 days of the date on which they became aware of the incident.
- R2.3 Whenever leachate is discharged to surface waters the licensee must notify the EPA of the incident in accordance with condition R2.4.
- R2.4 The written details referred to in the above condition must be provided as a report. The report must include the following information:
- a) the volume of the leachate discharged and over what time period the discharge occurred;
  - b) the date and time of the commencement of the overflow;
  - c) the weather conditions at the time of the discharge, specifying the amount of rainfall on a daily basis that had fallen:
    - i) on the day(s) of the discharge; and
    - ii) for the one week period prior to the discharge.
  - d) the most recent monitoring results of the chemical composition of the leachate;
  - e) an explanation as to why the discharge occurred;
  - f) the location(s) of the discharge;
  - g) a plan of action to prevent a similar discharge in the future; and
  - h) was the discharge permitted by this licence.
- R2.5 The licensee must notify the EPA in accordance with condition R2.1 and R2.2 whenever liquid is removed from the leak detection drain sump (LDS-Point 32).
- R2.6 The licensee must notify the EPA within 24 hours in accordance with condition R2.1 if subsurface monitoring detects methane above 1.25% (v/v), and increase the frequency of monitoring to daily, until the EPA determines otherwise.
- R2.7 Each non-compliance with a limit condition (L1-L6) must be notified by the licensee to the EPA in accordance with condition R2 of this licence.

## 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;

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

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

## R4 Other reporting conditions

- R4.1 The licensee must maintain a daily log and record the following data of fires at the site:
- a) Time and date when the fire was deliberately started or reported.
  - b) Whether the fire was authorised by the licensee, and, if not, the circumstances which ignited the fire.
  - c) The time and date that the fire ceased and whether it burnt out or was extinguished.
  - d) The location of fire (eg. clean timber stockpile, putrescible garbage cell, etc).
  - e) Prevailing weather conditions.
  - f) Observations made in regard to smoke direction and dispersion.
  - g) The amount of waste that was combusted by the fire.
  - h) Action taken to extinguish the fire.
- R4.2 The licensee or its employees or agents must notify the EPA in accordance with conditions R2.1 and R2.2 of all fires at the premises as soon as practical after becoming aware of the incident.

## 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 Special Conditions

### E1 Annual Water Contamination Report

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Note: The licensee must submit to the EPA an Annual Water Contamination Report by 3 November each year, commencing in 2008. The annual report must as a minimum incorporate the following:

## E1.1 Alluvial Groundwater:

- (a) A tabular and graphical representation of the results of all alluvial groundwater monitoring undertaken for monitoring Points 4-5 over the previous 12 months period in accordance with condition M2.
- (b) Comparison of the results with the most relevant ANZECC/NWQMS triggers (to be identified in the annual report) and with results from previous annual reporting periods, including an assessment of any changes and trends over time.
- (c) Evaluation of the nature and level of (and changes to) any human health and environmental risks to alluvial groundwaters and any other environmentally sensitive receivers.
- (d) An assessment of whether the current detection monitoring program should be augmented to also sample for chemicals of concern (ie. in addition to the leachate indicator analytes in M2).
- (e) Any further mitigation measures proposed to be implemented for the subsequent 12 months period to further reduce contamination levels and risks to human health and the environment.

## E1.2 Regional Groundwater:

- (a) A tabular and graphical representation of the results of all regional groundwater monitoring undertaken for monitoring Points 1-3 and 24-25 over the previous 12 months period in accordance with condition M2.
- (b) Comparison of the results with the contamination trigger levels listed below in the table and with results from previous annual reporting periods, including an assessment of any changes and trends over time.
- (c) Evaluation of the nature and level of (and changes to) any human health and environmental risks to regional groundwaters and any other environmentally sensitive receivers.
- (d) An assessment of whether the current monitoring regime should be augmented to also sample for chemicals of concern (ie. in addition to the leachate indicator analytes in M2).
- (e) Any further mitigation measures proposed to be implemented for the subsequent 12 months period to further reduce contamination levels and risks to human health and the environment.

Analyte	Trigger Value
pH	2.9 - 6.7
Conductivity (us/cm)	3800
Calcium (mg/L)	2.0
Sodium (mg/L)	65
Potassium (mg/L)	1.0
Alkalinity (mg/L)	13.5
Chloride (mg/L)	118
Ammonia (mg/L)	1.74
TOC (mg/L)	13
Nitrate (mg/L)	1.87
Manganese (mg/L)	0.63
Sulfate (mg/L)	26.0
Magnesium (mg/L)	5.0
Iron (mg/L)	0.08

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## E1.3 Surface Water

- (a) A tabular and graphical representation of the results of all surface water monitoring undertaken for monitoring Points 6, 8 & 33 over the previous 12 months period in accordance with condition M2.
- (b) Comparison of the results with the contamination trigger levels listed below in the table and with results from previous annual reporting periods, including an assessment of any changes and trends over time.
- (c) Evaluation of the nature and level of (and changes to) any human health and environmental risks to surface waters and any other environmentally sensitive receivers.
- (d) An assessment of whether the current monitoring regime should be augmented to also sample for chemicals of concern (ie. in addition to the leachate indicator analytes in M2).
- (e) Any further mitigation measures proposed to be implemented for the subsequent 12 months period to further reduce contamination levels and risks to human health and the environment.

Analyte	Trigger Value
pH	6.5 - 9.0
Conductivity (us/cm)	610
Calcium (mg/L)	20.7
Sodium (mg/L)	70
Potassium (mg/L)	11.8
Alkalinity (mg/L)	116
Chloride (mg/L)	150
Ammonia (mg/L)	0.36
TOC (mg/L)	20.3
Nitrate (mg/L)	3.4
Manganese (mg/L)	2.5
Sulfate (mg/L)	100
Magnesium (mg/L)	50
Iron (mg/L)	1.0
Dissolved Oxygen (mg/L)	>6.0

## E2 Leachate Management System

- E2.1 Prior to commencing construction of leachate storage area 1 and 2, the licensee must submit to the EPA's satisfaction, detailed engineering reports containing the following elements and prepared in accordance with Environmental Guidelines: Solid Waste Landfills, second edition (EPA, 2016):
1. detailed engineering designs for leachate storage area 1 and 2; and
  2. Construction Quality Assurance Plans (CQAP) for leachate storage area 1 and 2. The CQAPs must specify the test, inspections and other procedures that the licensee will implement during construction of these works to ensure compliance with the designs and specifications.

The licensee must not start construction of leachate storage area 1 or 2 until the EPA has approved the detailed engineering designs and CQAPs in writing.

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E2.2 By 5pm on 4 November 2022, the licensee must provide the EPA with a project plan and delivery timeline for the construction of leachate storage areas; LS1 and LS2.

## **E3 Hydrogeological assessment**

E3.1 By 5pm on 31 March 2023 the Licensee must provide the EPA with a hydrogeological assessment undertaken by a suitably qualified and experienced person to identify the source of groundwater contamination at EPA point 1, 4 and 5. The hydrogeological assessment must include hydrogeochemistry and/or isotopic signatures for  $^{13}\text{C-DIC}$  and  $^{15}\text{N-NH}_4^+$  and tritium.

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## Dictionary

### General Dictionary

<b>3DGM [in relation to a concentration limit]</b>	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
<b>Act</b>	Means the Protection of the Environment Operations Act 1997
<b>activity</b>	Means a scheduled or non-scheduled activity within the meaning of the Protection of the Environment Operations Act 1997
<b>actual load</b>	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009
<b>AM</b>	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> .
<b>AMG</b>	Australian Map Grid
<b>anniversary date</b>	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.
<b>annual return</b>	Is defined in R1.1
<b>Approved Methods Publication</b>	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009
<b>assessable pollutants</b>	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009
<b>BOD</b>	Means biochemical oxygen demand
<b>CEM</b>	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> .
<b>COD</b>	Means chemical oxygen demand
<b>composite sample</b>	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.
<b>cond.</b>	Means conductivity
<b>environment</b>	Has the same meaning as in the Protection of the Environment Operations Act 1997
<b>environment protection legislation</b>	Has the same meaning as in the Protection of the Environment Administration Act 1991
<b>EPA</b>	Means Environment Protection Authority of New South Wales.
<b>fee-based activity classification</b>	Means the numbered short descriptions in Schedule 1 of the Protection of the Environment Operations (General) Regulation 2009.
<b>general solid waste (non-putrescible)</b>	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997

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<b>flow weighted composite sample</b>	Means a sample whose composites are sized in proportion to the flow at each composites time of collection.
<b>general solid waste (putrescible)</b>	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
<b>grab sample</b>	Means a single sample taken at a point at a single time
<b>hazardous waste</b>	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
<b>licensee</b>	Means the licence holder described at the front of this licence
<b>load calculation protocol</b>	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009
<b>local authority</b>	Has the same meaning as in the Protection of the Environment Operations Act 1997
<b>material harm</b>	Has the same meaning as in section 147 Protection of the Environment Operations Act 1997
<b>MBAS</b>	Means methylene blue active substances
<b>Minister</b>	Means the Minister administering the Protection of the Environment Operations Act 1997
<b>mobile plant</b>	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
<b>motor vehicle</b>	Has the same meaning as in the Protection of the Environment Operations Act 1997
<b>O&amp;G</b>	Means oil and grease
<b>percentile [in relation to a concentration limit of a sample]</b>	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.
<b>plant</b>	Includes all plant within the meaning of the Protection of the Environment Operations Act 1997 as well as motor vehicles.
<b>pollution of waters [or water pollution]</b>	Has the same meaning as in the Protection of the Environment Operations Act 1997
<b>premises</b>	Means the premises described in condition A2.1
<b>public authority</b>	Has the same meaning as in the Protection of the Environment Operations Act 1997
<b>regional office</b>	Means the relevant EPA office referred to in the Contacting the EPA document accompanying this licence
<b>reporting period</b>	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.
<b>restricted solid waste</b>	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
<b>scheduled activity</b>	Means an activity listed in Schedule 1 of the Protection of the Environment Operations Act 1997
<b>special waste</b>	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
<b>TM</b>	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 - 6057

<b>TSP</b>	Means total suspended particles
<b>TSS</b>	Means total suspended solids
<b>Type 1 substance</b>	Means the elements antimony, arsenic, cadmium, lead or mercury or any compound containing one or more of those elements
<b>Type 2 substance</b>	Means the elements beryllium, chromium, cobalt, manganese, nickel, selenium, tin or vanadium or any compound containing one or more of those elements
<b>utilisation area</b>	Means any area shown as a utilisation area on a map submitted with the application for this licence
<b>waste</b>	Has the same meaning as in the Protection of the Environment Operations Act 1997
<b>waste type</b>	Means liquid, restricted solid waste, general solid waste (putrescible), general solid waste (non-putrescible), special waste or hazardous waste
<b>Wellhead</b>	Has the same meaning as in Schedule 1 to the Protection of the Environment Operations (General) Regulation 2021.

Mr Graeme Budd

Environment Protection Authority

(By Delegation)

Date of this edition: 29-May-2003



# Environment Protection Licence

Licence - 6057

## End Notes

- 1 Licence varied by notice 1032542, issued on 21-Nov-2003, which came into effect on 16-Dec-2003.
- 2 Licence varied by notice 1045013, issued on 24-Mar-2005, which came into effect on 18-Apr-2005.
- 3 Licence varied by notice 1061228, issued on 06-Jun-2006, which came into effect on 06-Jun-2006.
- 4 Licence varied by notice 1066387, issued on 09-Nov-2006, which came into effect on 09-Nov-2006.
- 5 Licence varied by notice 1069656, issued on 08-Feb-2007, which came into effect on 08-Feb-2007.
- 6 Licence varied by notice 1069760, issued on 16-Mar-2007, which came into effect on 16-Mar-2007.
- 7 Licence varied by notice 1085862, issued on 28-May-2008, which came into effect on 28-May-2008.
- 8 Condition A1.3 Not applicable varied by notice issued on <issue date> which came into effect on <effective date>
- 9 Licence varied by notice 1097535, issued on 24-Mar-2009, which came into effect on 24-Mar-2009.
- 10 Licence varied by notice 1102183, issued on 20-Jul-2009, which came into effect on 20-Jul-2009.
- 11 Licence varied by Correction to EPA Region data record., issued on 22-Jun-2010, which came into effect on 22-Jun-2010.
- 12 Licence varied by notice 1126828, issued on 06-Apr-2011, which came into effect on 06-Apr-2011.
- 13 Licence varied by notice 1127744, issued on 06-Jun-2011, which came into effect on 06-Jun-2011.
- 14 Licence varied by notice 1562209 issued on 09-Mar-2018
- 15 Licence varied by notice 1604764 issued on 11-Feb-2021
- 16 Licence varied by notice 1609467 issued on 02-Jul-2021
- 17 Licence varied by notice 1613892 issued on 22-Mar-2022