

Environment Protection Licence

Licence - 6188

Licence Details

Number:	6188
Anniversary Date:	29-September

Licensee

EDWARD RIVER COUNCIL

PO BOX 270

DENILIQUN NSW 2710

Premises

DENILIQUN LANDFILL DEPOT

443 COBB HIGHWAY

DENILIQUN NSW 2710

Scheduled Activity

Waste disposal (application to land)

Fee Based Activity

Waste disposal by application to land

Scale

Any capacity

Contact Us

NSW EPA

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10 Darcy Street

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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:

EDWARD RIVER COUNCIL
PO BOX 270
DENILQUIN NSW 2710

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
DENILQUIN LANDFILL DEPOT
443 COBB HIGHWAY
DENILQUIN
NSW 2710
CROWN LEASE 1987/18

A3 Other activities

A3.1 This licence applies to all other activities carried on at the premises, including:

Ancillary Activity
Storage, Processing and Resource Recovery of Waste

A4 Information supplied to the EPA

A4.1 Works and activities must be carried out in accordance with the proposal contained in the licence application, except as expressly provided by a condition of this licence.

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

a) the applications for any licences (including former pollution control approvals) which this licence replaces under the Protection of the Environment Operations (Savings and Transitional) Regulation 1998; and

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b) the licence information form provided by the licensee to the EPA to assist the EPA in connection with the issuing of this licence.

2 Discharges to Air and Water and Applications to Land

P1 Location of monitoring/discharge points and areas

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

Water and land

EPA Identification no.	Type of Monitoring Point	Type of Discharge Point	Location Description
1	Groundwater		Bore 5196 as shown on the Brian Misch & Associates Plan "Detail & Contour Survey, Deniliquin Waste Disposal Depot" Ref: 8868/00-01/1014(3) received by the EPA on 28 March 2003
2	Groundwater		Bore 5197 as shown on the Brian Misch & Associates Plan "Detail & Contour Survey, Deniliquin Waste Disposal Depot" Ref: 8868/00-01/1014(3) received by EPA on 28 March 2003.
3	Groundwater		Bore 5198 as shown on the Brian Misch & Associates Plan "Detail & Contour Survey, Deniliquin Waste Disposal Depot" Ref: 8868/00-01/1014(3) received by the EPA on 28 March 2003.
4	Groundwater		Bore 5204 as shown Council plan submitted 7 June 2012 (DOC12/23619) received by the EPA on 11 June 2012.
5	Groundwater		Bore 5200 as shown on the Brian Misch & Associates Plan "Detail & Contour Survey, Deniliquin Waste Disposal Depot" Ref: 8868/00-01/1014(3) received by the EPA on 28 March 2003.
6	Groundwater		Bore 5201 as shown on the Brian Misch & Associates plan "Detail & Contour Survey, Deniliquin Waste Disposal Depot" Ref: 8868/00-01/1014(3) received by the EPA on 28 March 2003.

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7	Groundwater	Bore 5202 as shown on the Brian Misch & Associates plan "Detail & Contour Survey, Deniliquin Waste Disposal Depot" Ref: 8868/00-01/1014(3) received by EPA on 28 March 2003.
8	Groundwater	Bore 2026 as shown in the Brian Misch & Associates plan "Detail & Contour survey, Deniliquin Waste disposal Depot" Ref: 8868/00-01/1014(3) received by the EPA on 28 March 2003.
9	Groundwater	Bore 2027 as shown on the Brian Misch & Associates plan "Detail & Contour Survey, Deniliquin Waste Disposal Depot" Ref: 8868/00-01/1014(3) received by the EPA on 28 March 2003.
10	Groundwater	Bore 5203 as shown on the Brian Misch & Associates plan "Detail & Contour Survey, Deniliquin Waste Depot" Ref:8868/00-01/1014(3) received by the EPA on 28 March 2003.
11	Groundwater	Bore 2029 as shown on the Brian Misch & associates plan "Detail & Contour Survey, Deniliquin Waste Depot" Ref: 8868/00-01/1014(3) received by the EPA on 28 March 2003.
12	Groundwater	Bore 9423 as described in Council communication received by EPA 11 June 2012 (DOC12/23619)
13	Groundwater	Offsite Bore GW072594 as shown in Figure F2 of D&N Geotechnical report "Deniliquin Landfill Depot, Deniliquin NSW" received by the EPA on 4 April 2024 (DOC24/176043).
14	Groundwater	Offsite Bore GW505451 as shown in Figure F2 of D&N Geotechnical report "Deniliquin Landfill Depot, Deniliquin NSW" received by the EPA on 4 April 2024 (DOC24/176043).
15	Groundwater	Offsite Bore GW505659 as shown in Figure F2 of D&N Geotechnical report "Deniliquin Landfill Depot, Deniliquin NSW" received by the EPA on 4 April 2024 (DOC24/176043).

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3 Limit Conditions

L1 Pollution of waters

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

L2 Waste

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

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

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

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

Code	Waste	Description	Activity	Other Limits
NA	Waste	Any waste received on site that is below licensing thresholds in Schedule 1 of the POEO Act, as in force from time to time	-	NA
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) Resource recovery Waste processing (non-thermal treatment) Waste storage	The total quantity of waste disposed of at the premises must not exceed 20,000 tonnes per annum
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) Resource recovery Waste processing (non-thermal treatment) Waste storage	The total quantity of waste disposed of at the premises must not exceed 20,000 tonnes per annum
NA	Asbestos waste	As defined in Schedule 1 of the POEO Act, in force from time to time	Waste disposal (application to land)	The total quantity of waste disposed of at the premises must not exceed 20,000 tonnes per annum
NA	Waste tyres	As defined in Schedule 1 of the POEO Act, in force from time to time	Waste disposal (application to land)	The total quantity of waste disposed of at the premises must not exceed

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NA	Clinical and related waste	As defined in Schedule 1 of the POEO Act, in force from time to time	Waste disposal (application to land)	20,000 tonnes per annum The total quantity of waste disposed of at the premises must not exceed 20,000 tonnes per annum. The quantity of clinical waste disposed of at the premises must not exceed 200kg at any one time.
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Note: If the licence permits the disposal of asbestos waste, the licensee must comply with Clause 42 of the Protection of the Environment Operations (Waste) Regulation 2005.

L3 Noise limits

L3.1 Noise from the premises must not exceed:

- an LA10 (15 minute) noise emission criterion of 55 dB(A) (7am to 6pm) Monday to Friday and 7am to 1pm Saturday ; and
- an LA10 (15 minute) noise emission criterion of 45 dB(A) during the evening (6pm to 10pm) Monday to Friday; and
- at all other times, an LA10 (15 minutes) noise emission criterion of 40 dB(A), except as expressly provided by this licence.

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:

- the processing, handling, movement and storage of materials and substances used to carry out the activity; and
- 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:

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

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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 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 maintain a stockproof perimeter fence around the premises.
- O5.3 The licensee must maintain lockable security gates at all access and departure locations.
- O5.4 The licensee must ensure that all gates are locked whenever the landfill is unattended.
- O5.5 The licensee must ensure that adequately trained staff are available at the premises in order to administer the requirements of this licence.

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.
- O6.2 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.
- O6.3 Any clinical waste disposed of at the premises must be packaged in accordance with the requirements set out in the document called Clinical and related Waste Management for Health Services issued by the NSW Department of Health and dated December 2020.
- O6.4 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.
- O6.5 A leachate barrier system and leachate collection system must be installed on each surface within the premises to be used for the disposal of waste. This condition does not apply to any surface used for emplacement of waste before December 1999.
- O6.6 The leachate barrier system and leachate collection system must be installed above the groundwater table.

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- O6.7 Surface drainage must be diverted away from any area where waste is being or has been landfilled.
- O6.8 Cover material must be in line with current Management Plans and Environmental Guidelines: Solid Waste Landfills, Second Edition - April 2016
- O6.9 The leachate barrier system and leachate collection system must be constructed in accordance with the information provided to the EPA in the document entitled "Deniliquin Council: Deniliquin Landfill Leachate Management Strategy", March 2001 (Nolan-ITU reference 1139-01-01).

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 Water and/ or Land Monitoring Requirements

POINT 1,2,4,6,7,9,10,11,12

Pollutant	Units of measure	Frequency	Sampling Method
Alkalinity (as calcium carbonate)	milliequivalents per litre	Yearly	Representative sample

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Ammonia	milligrams per litre	Every 6 months	Representative sample
Arsenic	milligrams per litre	Yearly	Representative sample
Cadmium	milligrams per litre	Yearly	Representative sample
Calcium	milligrams per litre	Yearly	Representative sample
Chloride	milligrams per litre	Yearly	Representative sample
Chromium	milligrams per litre	Every 6 months	Representative sample
Fluoride	milligrams per litre	Yearly	Representative sample
Iron	milligrams per litre	Every 6 months	Representative sample
Lead	milligrams per litre	Yearly	Representative sample
Magnesium	milligrams per litre	Yearly	Representative sample
Manganese	milligrams per litre	Yearly	Representative sample
Mercury	milligrams per litre	Yearly	Representative sample
Nitrate	milligrams per litre	Every 6 months	Representative sample
pH	pH	Every 6 months	Representative sample
Potassium	milligrams per litre	Every 6 months	Representative sample
Sodium	milligrams per litre	Yearly	Representative sample
Standing Water Level	metres	Every 6 months	In situ
Sulfate	milligrams per litre	Yearly	Representative sample
Total dissolved solids	microsiemens per centimetre	Every 6 months	Representative sample
Total organic carbon	milligrams per litre	Yearly	Representative sample

POINT 13,14,15

Pollutant	Units of measure	Frequency	Sampling Method
Alkalinity (as calcium carbonate)	milligrams per litre	Every 2 years	Representative sample
Ammonia	milligrams per litre	Every 2 years	Representative sample
Arsenic	milligrams per litre	Every 2 years	Representative sample
Cadmium	milligrams per litre	Every 2 years	Representative sample
Calcium	milligrams per litre	Every 2 years	Representative sample
Chloride	milligrams per litre	Every 2 years	Representative sample
Chromium	milligrams per litre	Every 2 years	Representative sample
Fluoride	milligrams per litre	Every 2 years	Representative sample
Iron	milligrams per litre	Every 2 years	Representative sample
Lead	milligrams per litre	Every 2 years	Representative sample
Magnesium	milligrams per litre	Every 2 years	Representative sample
Manganese	milligrams per litre	Every 2 years	Representative sample
Mercury	milligrams per litre	Every 2 years	Representative sample
Nitrate	milligrams per litre	Every 2 years	Representative sample
pH	pH	Every 2 years	Representative sample
Potassium	milligrams per litre	Every 2 years	Representative sample
Sodium	milligrams per litre	Every 2 years	Representative sample
Standing Water Level	metres	Every 2 years	In situ
Sulfate	milligrams per litre	Every 2 years	Representative sample
Total dissolved solids	microsiemens per centimetre	Every 2 years	Representative sample

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Total organic carbon	milligrams per litre	Every 2 years	Representative sample
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M3 Testing methods - concentration limits

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

M4 Recording of pollution complaints

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

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

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

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

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

M5 Telephone complaints line

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

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

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

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.
- 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.
- 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.
- Note: The term "reporting period" is defined in the dictionary at the end of this licence. Do not complete the Annual Return until after the end of the reporting period.
- Note: An application to transfer a licence must be made in the approved form for this purpose.
- R1.8 The Annual Return must be accompanied by/or include an Annual Report which must contain an assessment of environmental performance relevant to licence conditions including but not limited to:
- a) tabulated results of all monitoring data required to be collected by this licence;
 - b) a graphical presentation of data from at least the last three years (if available) in order to show variability

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and/or trends. Any statistically significant variations or anomalies should be highlighted and explained;

c) a comparison of the monitoring results from individual sampling sets, parameter by parameter along a groundwater flow path from upstream to downstream;

Note: Examination of initial monitoring data indicates that monitoring points 6,7,4 and 2 may be the most useful for this purpose.

- d) an analysis and interpretation of all monitoring data;
- e) an analysis of and response to any complaints received;
- f) identification of any deficiencies in environmental performance identified by the monitoring data trends;
- g) identification of any deficiencies in environmental performance revealed by incidents;
- h) remedial action taken or proposed to be taken to address these deficiencies; and
- i) recommendations on improving the environmental performance of the facility.

R2 Notification of environmental harm

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

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

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

R3 Written report

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

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

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

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

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

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- 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 record the following data of fires at the site:
- Time and date when the fire was deliberately started or reported.
 - Whether the fire was authorised by the licensee, and, if not, the circumstances which ignited the fire.
 - The time and date that the fire ceased and whether it burnt out or was extinguished.
 - The location of fire (eg. clean timber stockpile, putrescible garbage cell, etc).
 - Prevailing weather conditions.
 - Observations made in regard to smoke direction and dispersion.
 - The amount of waste that was combusted by the fire.
 - 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 Pollution Studies and Reduction Programs

U1 Groundwater Impact Monitoring and Management

- U1.1 The licensee must undertake an assessment of the integrity of the liners of the landfill and the leachate and firefighting ponds. The assessment must be performed by an independent person or persons that are suitably qualified to undertake the work. A report outlining the outcome of the assessment must be provided to the NSW EPA by email to info@epa.nsw.gov.au by 30 June 2025.
- U1.2 The licensee must commission the installation of a new groundwater monitoring well to be located between existing monitoring points 1 and 2. During the installation of this bore, concise geological profiling should be performed. Installation and profiling must be undertaken by an independent person or persons that are suitably quality to undertake the work. The licensee must provide confirmation, including photos, of installation by email to info@epa.nsw.gov.au by 30 June 2025.

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U1.3 The licensee must acquire a water quality meter to allow improved sampling procedures to occur at the premises. The purchased meter must have the ability to measure the following parameters:

- Dissolved oxygen (mg/L)
- Electrical conductivity ($\mu\text{S}/\text{cm}$)
- pH
- Oxidation/reduction potential (mV)
- Temperature ($^{\circ}\text{C}$)
- Turbidity (NTU)

The licensee must provide confirmation of the acquisition of the meter to the NSW EPA by email to info@epa.nsw.gov.au by 30 March 2025.

U1.4 The licensee must engage a suitably qualified and independent consultant to assist in developing a Groundwater Monitoring and Management Plan to be implemented at the premises. At a minimum the plan must include the following:

- Summary of current landfill operations and monitoring infrastructure.
- Summary of sensitive receptors and their risk profile.
- Summary of chemicals of concern relevant to the waste types historically and currently received by the landfill.
- Definition of actions to implement to ensure compliance with monitoring requirements of the licence.
- Statement on applicable assessment criteria for detecting pollution. This criteria should be defined in consultation with the NSW EPA.
- A definition of trigger levels and corresponding actions for when pollution is detected.

A copy of the completed plan must be submitted to the NSW EPA by email to info@epa.nsw.gov.au by 30 December 2025.

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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
Wellhead	Has the same meaning as in Schedule 1 to the Protection of the Environment Operations (General) Regulation 2021.

Mr Robert Monteith

Environment Protection Authority

(By Delegation)

Date of this edition: 26-September-2000



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End Notes

- 1 Licence varied by notice 1016752, issued on 24-Apr-2002, which came into effect on 19-May-2002.
- 2 Licence varied by notice 1025655, issued on 31-Mar-2003, which came into effect on 25-Apr-2003.
- 3 Licence varied by notice 1031673, issued on 23-Jan-2004, which came into effect on 17-Feb-2004.
- 4 Licence varied by notice 1090259, issued on 13-Aug-2008, which came into effect on 13-Aug-2008.
- 5 Condition A1.3 Not applicable varied by notice issued on <issue date> which came into effect on <effective date>
- 6 Licence varied by notice 1099377, issued on 06-Apr-2009, which came into effect on 06-Apr-2009.
- 7 Licence varied by notice 1116914, issued on 14-Jul-2010, which came into effect on 14-Jul-2010.
- 8 Licence varied by notice 1504789 issued on 05-Apr-2012
- 9 Licence varied by notice 1508720 issued on 12-Sep-2012
- 10 Licence transferred through application 1542836 approved on 21-Jul-2016 , which came into effect on 12-May-2016
- 11 Licence varied by notice 1633016 issued on 09-Nov-2023
- 12 Licence varied by notice 1640911 issued on 30-Jul-2024