

Licence Variation

Licence - 5861



WOLLONGONG CITY COUNCIL
ABN 63 139 525 939
LOCKED BAG 8821
WOLLONGONG DC NSW 2500

Attention: Mr David Low

Notice Number 1644375
File Number EF13/5297
Date 05-Dec-2024

NOTICE OF VARIATION OF LICENCE NO. 5861

BACKGROUND

- A. WOLLONGONG CITY COUNCIL ("the licensee") is the holder of Environment Protection Licence No. 5861 ("the licence") issued under the *Protection of the Environment Operations Act 1997* ("the Act"). The licence authorises the carrying out of activities at NIXON PLACE, HELENSBURGH, NSW, 2508 ("the premises").
- B. On 1 September 2015, the EPA issued Notice of Variation of Licence No. 1531436 (2015 Variation). As part of the 2015 Variation, condition E1.1, E1.2, and E1.3 (2015 Conditions) were added to the licence.
- C. The 2015 Conditions required final landfill capping works to be carried out in accordance with:
 - i. "Wollongong City Council: Helensburgh Landfill Closure 21-22933 - Design Drawings" (the 2015 Design Plan); and
 - ii. "Wollongong City Council: Helensburgh Waste Disposal Depot Waste Exhumation Management Plan," June 2015 (the 2015 Management Plan).
- A. On 13 March 2020, the licensee submitted documentation to support a proposal to install and implement a biofiltration management system to treat landfill gas at the premises (2020 Biofilter Proposal). This documentation included:
 - i. *Wollongong City Council: Helensburgh Waste Disposal Depot - Specification for Landfill Closure Works* (GHD, 2018);
 - ii. Correspondence titled *RE: Helensburgh Landfill - Landfill Gas Monitoring and Landfill Gas Collection System Peer Review* (SMEC, 2019); and
 - iii. For Construction Drawing Set titled *Wollongong City Council - Helensburgh Landfill Closure - 21-22933* (GHD, 2014).

Licence Variation



- B. On 1 April 2020, the EPA advised the licensee that it supported the 2020 Biofilter Proposal, subject to the following requirements:
- regular monitoring and maintenance of the biofiltration system, including replenishing spent biofilter media;
 - sufficient capacity for the leachate management system; and
 - measures are put in place to restrict public access to biofilter areas.
- C. The EPA notes that the 2020 Biofilter Proposal differs to the 2015 Design Proposal. That is, the 2015 Design Proposal featured flares as the preferred landfill gas management option.
- D. Since 2020, the licensee has not progressed the implementation of a biofiltration system at the premises, nor has it progressed broader capping and closure works at the premises.
- E. On 14 November 2023, during a meeting, the licensee advised the EPA that it intends to undertake capping and closure works in accordance with an updated design plan and management plan.
- F. On 26 September 2024, the licensee submitted documents and correspondence outlining the proposed changes to the capping design (2024 Design Plans). This documentation included:
- C0101 - HELENSBURGH LANDFILL CLOSURE - FINISHED SURFACE PLAN* (SMEC, 2020)
 - C0102 - HELENSBURGH LANDFILL CLOSURE - BULK EARTHWORKS PLAN* (SMEC, 2020)
 - C0105 - HELENSBURGH LANDFILL CLOSURE - GAS, SUBSOIL & ANCHOR TRENCH PLAN* (SMEC, 2020)
 - C2101 - HELENSBURGH LANDFILL CLOSURE - HELENSBURGH LANDFILL CLOSURE - STAGE 2 SITE SECTIONS SHEET 1* (SMEC, 2020).
- G. The EPA has reviewed the documentation listed in Paragraphs *F. i - F. iv.*, above. As a result of this review, the EPA requires the submission of an Amended Capping and Closure Proposal that clearly identifies and explains the changes proposed in the 2024 Design Plans, with reference to proposals and plans previously approved by the EPA. Further information about the EPA's requirements for the Amended Capping and Closure Proposal is found in condition E1.1 of the draft licence.
- H. On 5 November 2024, the EPA provided a draft version of this Notice of Variation of Licence (draft Notice) to the licensee for review and comment.
- I. On 25 November 2024, the licensee requested that the proposed due date for compliance with Special Condition E1.1 be extended to 1 July 2025. The EPA reviewed this request and varied the due date for compliance with Special Condition E1.1 accordingly.
- J. On 27 November 2024, the EPA provided a second draft of this Notice of Variation of Licence to the licensee. The EPA received no further comment from the licensee.
- K. By this variation, the EPA replaces the 2015 Conditions with conditions E1.1, E1.2, and E1.3.
- L. In exercising this licence variation, the EPA has considered the relevant matters from s45 of the Act. That is, *Matters to be taken into consideration in licensing functions*.

VARIATION OF LICENCE NO. 5861

Licence Variation



1. By this notice the EPA varies licence No. 5861. 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 E1.1 - 'Amended Capping and Closure Proposal' - Added.
 - Condition E1.2 - 'Quality Assurance / Quality Control Program' - Added.
 - Condition E1.3 - 'Quality Assurance / Quality Control Report' - Added.

.....
Greg Newman
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.
- 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

Licence - 5861

<u>Licence Details</u>	
Number:	5861
Anniversary Date:	29-May

<u>Licensee</u>	
WOLLONGONG CITY COUNCIL	
LOCKED BAG 8821	
WOLLONGONG DC NSW 2500	

<u>Premises</u>	
HELENSBURGH WASTE DISPOSAL DEPOT	
NIXON PLACE	
HELENSBURGH NSW 2508	

<u>Scheduled Activity</u>	
Waste disposal (application to land)	

<u>Fee Based Activity</u>	<u>Scale</u>
Waste disposal by application to land	Any capacity

<u>Contact Us</u>	
NSW EPA	
6 Parramatta Square	
10 Darcy Street	
PARRAMATTA NSW 2150	
Phone: 131 555	
Email: info@epa.nsw.gov.au	
Locked Bag 5022	
PARRAMATTA NSW 2124	



Environment Protection Licence

Licence - 5861

INFORMATION ABOUT THIS LICENCE	4
Dictionary	4
Responsibilities of licensee	4
Variation of licence conditions	4
Duration of licence	4
Licence review	4
Fees and annual return to be sent to the EPA	4
Transfer of licence	5
Public register and access to monitoring data	5
1 ADMINISTRATIVE CONDITIONS	6
A1 What the licence authorises and regulates	6
A2 Premises or plant to which this licence applies	6
A3 Information supplied to the EPA	6
2 DISCHARGES TO AIR AND WATER AND APPLICATIONS TO LAND	7
P1 Location of monitoring/discharge points and areas	7
3 LIMIT CONDITIONS	8
L1 Pollution of waters	8
L2 Concentration limits	9
L3 Waste	10
L4 Hours of operation	11
L5 Potentially offensive odour	11
4 OPERATING CONDITIONS	11
O1 Activities must be carried out in a competent manner	11
O2 Maintenance of plant and equipment	11
O3 Dust	11
O4 Emergency response	11
O5 Processes and management	12
O6 Waste management	12
5 MONITORING AND RECORDING CONDITIONS	13
M1 Monitoring records	13
M2 Requirement to monitor concentration of pollutants discharged	13
M3 Testing methods - concentration limits	16
M4 Recording of pollution complaints	16
M5 Telephone complaints line	17
M6 Other monitoring and recording conditions	17



Environment Protection Licence

Licence - 5861

6	REPORTING CONDITIONS	17
R1	Annual return documents	17
R2	Notification of environmental harm	19
R3	Written report	19
R4	Other reporting conditions	19
7	GENERAL CONDITIONS	20
G1	Copy of licence kept at the premises or plant	20
8	SPECIAL CONDITIONS	20
E1	Final Landfill Cap	20
E2	Environmental Obligations of Licensee (Works & Programs)	22
DICTIONARY		24
	General Dictionary	24

Environment Protection Licence

Licence - 5861

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).



Environment Protection Licence

Licence - 5861

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:

WOLLONGONG CITY COUNCIL
LOCKED BAG 8821
WOLLONGONG DC NSW 2500

subject to the conditions which follow.



Environment Protection Licence

Licence - 5861

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
HELENSBURGH WASTE DISPOSAL DEPOT
NIXON PLACE
HELENSBURGH
NSW 2508
LOT 621 DP 752033, LOT 915 DP 752033, PART LOT 7314 DP 1160101, PART LOT 7315 DP 1160101
THE PREMISES BOUNDARY IS DEPICTED BY THE AREA BOUNDED IN RED ON THE DRAWING LABELLED "SCHEDULE 3 - CROWN LANDS LICENCE NO. 504391" (EPA REF DOC14/299222)

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:

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

A3.2 The document entitled "Helensburgh Landfill Environmental Management Plan (LEMP)" May 1998, is not to be taken as part of the documentation in A3.1, other than those parts specifically referenced in this licence.



Environment Protection Licence

Licence - 5861

2 Discharges to Air and Water and Applications to Land

P1 Location of monitoring/discharge points and areas

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

Air			
EPA identi- fication no.	Type of Monitoring Point	Type of Discharge Point	Location Description
3	Landfill gas monitoring		Areas where intermediate or final cover has been placed
4	Landfill gas monitoring		LFGMB1 - "Well Locations - Installation of Groundwater and Gas Monitoring Wells - Helensburgh Waste Facility, Nixon Place, Helensburgh", Douglas Partners, December 2011
17	Landfill Gas Monitoring		LGB5 - "Former Helensburgh Waste Depot Landfill Gas Bore Completion Report", Meinhardt, December 2015 (E315656 N6216351). EPA Reference: DOC16/279048
18	Landfill Gas Monitoring		LGB6 - "Former Helensburgh Waste Depot Landfill Gas Bore Completion Report", Meinhardt, December 2015 (E315712 N6216262). EPA Reference: DOC16/279048
19	Landfill Gas Monitoring		LGB7 - "Former Helensburgh Waste Depot Landfill Gas Bore Completion Report", Meinhardt, December 2015 (E315748 N6216200). EPA Reference: DOC16/279048
20	Landfill Gas Monitoring		LGB8 - "Former Helensburgh Waste Depot Landfill Gas Bore Completion Report", Meinhardt, December 2015 (E315771 N6216116). EPA Reference: DOC16/279048
21	Landfill Gas Monitoring		LGB9 - "Former Helensburgh Waste Depot Landfill Gas Bore Completion Report", Meinhardt, December 2015 (E315949 N6216094). EPA Reference: DOC16/279048

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

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

Water and land			
EPA Identi- fication no.	Type of Monitoring Point	Type of Discharge Point	Location Description

Environment Protection Licence

Licence - 5861

1	Overflow drain	Overflow drain	DP1 - Overflow from stormwater pond as specified in Drawing No 500 of City of W'gong, Helensburgh Waste Depot Ext, Leachate Disposal Syst, Site Plan, 10.11.95
2	Leachate Dam		Leachate Dam
5	Ground water monitoring		BH1 - bore hole as shown on Plan 20298/SK 02 Site Plan
6	Groundwater monitoring		GWMB6 - "Well Locations - Installation of Groundwater and Gas Monitoring Wells - Helensburgh Waste Facility, Nixon Place, Helensburgh", Douglas Partners, December 2011
7	Ground water monitoring		BH4 - bore hole as shown on Plan 20298/SK 02 Site Plan
8	Surface water monitoring		WCC ref - Pony Club as shown on Plan 20298/SK 02 Site Plan
12	Groundwater monitoring		LFGMB1 - "Well Locations - Installation of Groundwater and Gas Monitoring Wells - Helensburgh Waste Facility, Nixon Place, Helensburgh", Douglas Partners, December 2011
13	Groundwater monitoring		LFGMB2 - "Well Locations - Installation of Groundwater and Gas Monitoring Wells - Helensburgh Waste Facility, Nixon Place, Helensburgh", Douglas Partners, December 2011
14	Groundwater monitoring		LFGMB3 - "Well Locations - Installation of Groundwater and Gas Monitoring Wells - Helensburgh Waste Facility, Nixon Place, Helensburgh", Douglas Partners, December 2011
15	Groundwater monitoring		LFGMB4 - "Well Locations - Installation of Groundwater and Gas Monitoring Wells - Helensburgh Waste Facility, Nixon Place, Helensburgh", Douglas Partners, December 2011
16	Groundwater monitoring		GWMB5 - "Well Locations - Installation of Groundwater and Gas Monitoring Wells - Helensburgh Waste Facility, Nixon Place, Helensburgh", Douglas Partners, December 2011

3 Limit Conditions

L1 Pollution of waters



Environment Protection Licence

Licence - 5861

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 Concentration limits

L2.1 For each monitoring/discharge point or utilisation area specified in the table/s 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/s.

L2.4 Water and/or Land Concentration Limits

POINT 1

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

L2.5 There must be no discharge of contaminated stormwater (stormwater that exceeds the limits specified in condition L2.4) under dry weather conditions or storm events that are less than a 5 day, 75th percentile rainfall event.

Note: A 5 day, 75th percentile rainfall event at the premises equates to a rainfall depth of 35.6mm over any consecutive 5 day period.

L2.6 The licensee must implement "Wollongong City Council: Helensburgh Waste Disposal Depot Erosion and Sediment Control Plan", GHD, May 2015

L2.7 There must be no discharge of leachate to waters under dry weather conditions or storm event(s) of less than 1:25 year, 24 hour recurrence interval.

Note: A 1:25 year, 24 hour duration rainfall event at the premises equates to a rainfall depth of 306 millimetres over any consecutive 24 hour period.



Environment Protection Licence

Licence - 5861

L3 Waste

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

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

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

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

Code	Waste	Description	Activity	Other Limits
NA	General solid waste (non-putrescible)	As defined in Schedule 1 of the POEO Act, in force from time to time	Waste disposal (application to land)	
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)	
NA	Asbestos waste	As defined in Schedule 1 of the POEO Act, in force from time to time	Waste disposal (application to land)	
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

L3.2 Tyres stockpiled on the premises must:

- a) not exceed fifty (50) tonnes of tyres at any one time; and
- b) be located in a clearly defined area away from the tipping face; and
- c) be managed to control vermin; and
- d) be managed to prevent any tyres from catching fire.

L3.3 The licensee must not dispose of any tyres on the premises which;

- a) have a diameter of less than 1.2 metres; and
- b) are delivered at the premises in a load containing more than 5 whole tyres; and
- c) became waste in the Sydney Metropolitan Area.

L3.4 Tyres from the Sydney Metropolitan Area must not be received at the premises unless:

- a) they have been shredded into pieces measuring no more than 250mm in any direction; or
- b) they have had their walls removed; or
- c) the facility has the capacity, at the time of receiving the tyres, to recycle or reprocess the tyres into a saleable product (including retreading the tyres); or
- d) the facility has the capacity, at the time of receiving the tyres, to shred the tyres or remove the walls from the tyres; or
- e) the tyres are from a domestic load containing no more than 5 tyres having a diameter of less than 1.2 metres.

Environment Protection Licence

Licence - 5861

L4 Hours of operation

- L4.1 Machinery shall not commence working on the premises before the hours of 7.00am on weekdays and 8.15am on weekends and public holidays and must cease operation by 5.00pm.
- L4.2 Scrap metal handling activities and all greenwaste operations at the premises are restricted to normal weekday operating hours and are not permitted outside these times, including weekends and public holidays, without prior written approval from the EPA.

L5 Potentially offensive odour

- L5.1 No condition of this licence identifies a potentially offensive odour for the purposes of section 129 of the Protection of the Environment Operations Act 1997.

Note: Section 129 of the Protection of the Environment Operations Act 1997, provides that the licensee must not cause or permit the emission of any offensive odour from the premises but provides a defence if the emission is identified in the relevant environment protection licence as a potentially offensive odour and the odour was emitted in accordance with the conditions of a licence directed at minimising odour.

4 Operating Conditions

O1 Activities must be carried out in a competent manner

- O1.1 Licensed activities must be carried out in a competent manner.
This includes:
- a) the processing, handling, movement and storage of materials and substances used to carry out the activity; and
 - b) the treatment, storage, processing, reprocessing, transport and disposal of waste generated by the activity.

O2 Maintenance of plant and equipment

- O2.1 All plant and equipment installed at the premises or used in connection with the licensed activity:
- a) must be maintained in a proper and efficient condition; and
 - b) must be operated in a proper and efficient manner.

O3 Dust

- O3.1 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.

Environment Protection Licence

Licence - 5861

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 ensure that all gates are locked whenever the landfill is unattended.

O6 Waste management

O6.1 The volume of leachate directed to the utilisation area must not exceed the capacity of the area to assimilate the leachate.

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 Cover material must be:

a) Daily cover

Daily cover must be either:

- i) Virgin excavated natural material ("VENM");
- ii) Blast furnace slag or asphalt chipping in accordance with the alternative daily cover specifications outlined in the DECC's correspondence dated 15 November 2007;
- iii) A steel framed and fabric covered moveable structure; or
- iv) A polymer and fibre based cover as outlined in Wollongong City Council's correspondence to DECC dated 2 October 2007.

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 depth of 30 centimetres over surfaces of the landfilled waste at the premises which are to be exposed for more than 90 days.

c) Cover material stockpile

At least two weeks cover material must be available at the premises under all weather conditions. This material may be won on site, or alternatively a cover stockpile must be maintained adjacent to the tip face.

O6.4 Vehicles leaving the premises must not track materials to external surfaces.

O6.5 The licensee must not exhume any landfilled waste unless approved in writing by the EPA.

5 Monitoring and Recording Conditions



Environment Protection Licence

Licence - 5861

M1 Monitoring records

- M1.1 The results of any monitoring required to be conducted by this licence or a load calculation protocol must be recorded and retained as set out in this condition.
- M1.2 All records required to be kept by this licence must be:
- a) in a legible form, or in a form that can readily be reduced to a legible form;
 - b) kept for at least 4 years after the monitoring or event to which they relate took place; and
 - c) produced in a legible form to any authorised officer of the EPA who asks to see them.
- M1.3 The following records must be kept in respect of any samples required to be collected for the purposes of this licence:
- a) the date(s) on which the sample was taken;
 - b) the time(s) at which the sample was collected;
 - c) the point at which the sample was taken; and
 - d) the name of the person who collected the sample.

M2 Requirement to monitor concentration of pollutants discharged

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

M2.2 Air Monitoring Requirements

POINT 3,4,17,18,19,20,21

Pollutant	Units of measure	Frequency	Sampling Method
Methane	percent by volume	Yearly	Special Method 1

M2.3 Water and/ or Land Monitoring Requirements

POINT 1

Pollutant	Units of measure	Frequency	Sampling Method
pH	pH	Daily during any discharge	Grab sample
Total suspended solids	milligrams per litre	Daily during any discharge	Grab sample

POINT 2



Environment Protection Licence

Licence - 5861

Pollutant	Units of measure	Frequency	Sampling Method
Alkalinity (as calcium carbonate)	milligrams per litre	Yearly	Grab sample
Aluminium	milligrams per litre	Yearly	Grab sample
Arsenic	milligrams per litre	Yearly	Grab sample
Barium	milligrams per litre	Yearly	Grab sample
Benzene	milligrams per litre	Yearly	Grab sample
Cadmium	milligrams per litre	Yearly	Grab sample
Calcium	milligrams per litre	Yearly	Grab sample
Chloride	milligrams per litre	Yearly	Grab sample
Chromium (hexavalent)	milligrams per litre	Yearly	Grab sample
Chromium (total)	milligrams per litre	Yearly	Grab sample
Cobalt	milligrams per litre	Yearly	Grab sample
Conductivity	microsiemens per centimetre	Quarterly	Probe
Copper	milligrams per litre	Yearly	Grab sample
Ethyl benzene	milligrams per litre	Yearly	Grab sample
Fluoride	milligrams per litre	Yearly	Grab sample
Lead	milligrams per litre	Yearly	Grab sample
Magnesium	milligrams per litre	Yearly	Grab sample
Manganese	milligrams per litre	Yearly	Grab sample
Mercury	milligrams per litre	Yearly	Grab sample
Nitrate	milligrams per litre	Yearly	Grab sample
Nitrite	milligrams per litre	Yearly	Grab sample
Nitrogen (ammonia)	milligrams per litre	Yearly	Grab sample
Organochlorine pesticides	milligrams per litre	Yearly	Grab sample
Organophosphate pesticides	milligrams per litre	Yearly	Grab sample
pH	pH	Yearly	Probe
Phosphorus (total)	milligrams per litre	Yearly	Grab sample
Polycyclic aromatic hydrocarbons	milligrams per litre	Yearly	Grab sample
Potassium	milligrams per litre	Yearly	Grab sample
Sodium	milligrams per litre	Yearly	Grab sample
Sulfate	milligrams per litre	Yearly	Grab sample
Toluene	milligrams per litre	Yearly	Grab sample
Total dissolved solids	milligrams per litre	Yearly	Grab sample
Total organic carbon	milligrams per litre	Yearly	Grab sample
Total petroleum hydrocarbons	milligrams per litre	Yearly	Grab sample
Total Phenolics	milligrams per litre	Yearly	Grab sample
Total suspended solids	milligrams per litre	Yearly	Grab sample
Xylene	milligrams per litre	Yearly	Grab sample
Zinc	milligrams per litre	Yearly	Grab sample



Environment Protection Licence

Licence - 5861

POINT 5,6,7

Pollutant	Units of measure	Frequency	Sampling Method
Cobalt	milligrams per litre	Yearly	Grab sample
pH	pH	Quarterly	Probe

POINT 5,6,7,12,13,14,15,16

Pollutant	Units of measure	Frequency	Sampling Method
Alkalinity (as calcium carbonate)	milligrams per litre	Quarterly	Grab sample
Aluminium	milligrams per litre	Yearly	Grab sample
Arsenic	milligrams per litre	Yearly	Grab sample
Barium	milligrams per litre	Yearly	Grab sample
Benzene	milligrams per litre	Yearly	Grab sample
Cadmium	milligrams per litre	Yearly	Grab sample
Calcium	milligrams per litre	Quarterly	Grab sample
Chloride	milligrams per litre	Quarterly	Grab sample
Chromium (hexavalent)	milligrams per litre	Yearly	Grab sample
Chromium (total)	milligrams per litre	Yearly	Grab sample
Copper	milligrams per litre	Yearly	Grab sample
Ethyl benzene	milligrams per litre	Yearly	Grab sample
Fluoride	milligrams per litre	Yearly	Grab sample
Lead	milligrams per litre	Yearly	Grab sample
Magnesium	milligrams per litre	Quarterly	Grab sample
Manganese	milligrams per litre	Yearly	Grab sample
Mercury	milligrams per litre	Yearly	Grab sample
Nitrate	milligrams per litre	Yearly	Grab sample
Nitrite	milligrams per litre	Yearly	Grab sample
Nitrogen (ammonia)	milligrams per litre	Quarterly	Grab sample
Organochlorine pesticides	milligrams per litre	Yearly	Grab sample
Organophosphate pesticides	milligrams per litre	Yearly	Grab sample
Polycyclic aromatic hydrocarbons	milligrams per litre	Yearly	Grab sample
Potassium	milligrams per litre	Quarterly	Grab sample
Sodium	milligrams per litre	Quarterly	Grab sample
Standing Water Level	metres	Quarterly	In situ
Sulfate	milligrams per litre	Quarterly	Grab sample
Toluene	milligrams per litre	Yearly	Grab sample
Total dissolved solids	milligrams per litre	Quarterly	Grab sample
Total organic carbon	milligrams per litre	Quarterly	Grab sample
Total petroleum hydrocarbons	milligrams per litre	Yearly	Grab sample
Total Phenolics	milligrams per litre	Yearly	Grab sample



Environment Protection Licence

Licence - 5861

Xylene	milligrams per litre	Yearly	Grab sample
Zinc	milligrams per litre	Yearly	Grab sample

POINT 8

Pollutant	Units of measure	Frequency	Sampling Method
Conductivity	microsiemens per centimetre	Quarterly	Probe
Dissolved Oxygen	milligrams per litre	Quarterly	Probe
Faecal Coliforms	colony forming units per 100 millilitres	Quarterly	Grab sample
Nitrogen (ammonia)	milligrams per litre	Quarterly	Grab sample
pH	pH	Quarterly	Probe
Potassium	milligrams per litre	Quarterly	Grab sample
Redox potential	millivolts	Quarterly	Probe
Total dissolved solids	milligrams per litre	Quarterly	Grab sample
Total organic carbon	milligrams per litre	Quarterly	Grab sample

M2.4 Special Method 1 means monitoring undertaken in accordance with Benchmark Techniques 17 and 18 of the document Environmental Guidelines: Solid Waste Landfills (1996) for the purposes of the above table.

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:
- a) any methodology which is required by or under the Act to be used for the testing of the concentration of the pollutant; or
 - b) if no such requirement is imposed by or under the Act, any methodology which a condition of this licence requires to be used for that testing; or
 - c) if no such requirement is imposed by or under the Act or by a condition of this licence, any methodology approved in writing by the EPA for the purposes of that testing prior to the testing taking place.

Note: The *Protection of the Environment Operations (Clean Air) Regulation 2022* requires testing for certain purposes to be conducted in accordance with test methods contained in the publication "Approved Methods for the Sampling and Analysis of Air Pollutants in NSW".

M3.2 Subject to any express provision to the contrary in this licence, monitoring for the concentration of a pollutant discharged to waters or applied to a utilisation area must be done in accordance with the Approved Methods Publication unless another method has been approved by the EPA in writing before any tests are conducted.

M4 Recording of pollution complaints

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

Environment Protection Licence

Licence - 5861

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.

M6 Other monitoring and recording conditions

M6.1 The licensee must monitor the remaining disposal capacity (in cubic metres) of the landfill.

M6.2 The licensee must make available to the EPA the results of monthly Trade Waste monitoring of leachate and include these results in the Annual Report.

6 Reporting Conditions

R1 Annual return documents

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

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

Environment Protection Licence

Licence - 5861

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.

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:

- 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 and/or trends. Any statistically significant variations or anomalies should be highlighted and explained;
- c) an analysis and interpretation of all monitoring data;
- d) an analysis of and response to any complaints received;
- e) identification of any deficiencies in environmental performance identified by the monitoring data, trends or incidents and of remedial action taken or proposed to be taken to address these deficiencies; and
- f) recommendations on improving the environmental performance of the facility.

Environment Protection Licence

Licence - 5861

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 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.

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.

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 in relation to fires occurring at the premises:

- a) Time and date when the fire started.
- 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 burnt out or was extinguished.

Environment Protection Licence

Licence - 5861

- d) The location of fire (eg. clean timber stockpile, putrescible garbage cell, etc).
- e) Prevailing weather conditions at the time of the fire.
- 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;
- i) Action taken to prevent a reoccurrence.

The data must be recorded on each day that the fire is burning.

- R4.2 The licensee or its employees or agents must notify the occurrence of all fires on the premises in accordance with conditions R2.1 and R2.2 as soon as practical after becoming aware of the fire.
- R4.3 The licensee must notify the EPA within 24 hours by telephoning the Environment Line service on 131 555 if surface monitoring detects methane above 1.25%(v/v), and increase the frequency of monitoring to daily, until the EPA determines otherwise.

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 Final Landfill Cap

- E1.1 Between 2015 and 2024, the licensee has proposed several plans for the design and management of capping and closure works at the Premises (Past Plans). The Past Plans include:
 - "Wollongong City Council: Helensburgh Landfill Closure 21-22933 - Design Drawings" (the 2015 Design Plan)
 - "Wollongong City Council: Helensburgh Waste Disposal Depot Exhumation Management Plan" (the 2015 Management Plan)
 - "Wollongong City Council: Helensburgh Waste Disposal Depot - Specification for Landfill Closure Works" (GHD, 2018) (2020 Biofilter Proposal)
 - "C0101 - HELENSBURGH LANDFILL CLOSURE - FINISHED SURFACE PLAN" (SMEC, 2020) (2024 Design Plan Part 1)
 - "C0102 - HELENSBURGH LANDFILL CLOSURE - BULK EARTHWORKS PLAN" (SMEC, 2020) (2024 Design Plan Part 2)
 - "C0105 - HELENSBURGH LANDFILL CLOSURE - GAS, SUBSOIL & ANCHOR TRENCH PLAN" (SMEC,

Environment Protection Licence

Licence - 5861

2020) (2024 Design Plan Part 3)

- "C2101 - HELENSBURGH LANDFILL CLOSURE - STAGE 2 SITE SECTIONS SHEET 1" (SMEC, 2020) (2024 Design Plan Part 4).

The purpose of this Special Condition is to amend and integrate the Past Plans into one cohesive proposal.

By 1 July 2025, the licensee must prepare and submit an Amended Capping and Closure Proposal (Amended Proposal). The Amended Proposal must be prepared by a suitably qualified, third party professional and must:

- include a design plan for the proposed biofiltration system;
- include a monitoring and maintenance program for the proposed biofiltration system, including measures to maintain biofilter media;
- identify leachate management measures and demonstrate sufficient capacity for a leachate treatment system;
- clearly identify all inconsistencies and changes between (1) the 2024 Design Plans Parts 1 - 4 and (2) all plans previously approved by the EPA, including but not limited to:
 - the 2015 Design Plan
 - the 2015 Management Plan
 - the 2020 Biofilter Proposal;
- provide justification for all design changes identified in response to Item iv. above;
- clearly identify and explain the proposed locations of groundwater and gas monitoring wells. This explanation must consider the need to adequately assess offsite migration of landfill gas from within and beyond the footprint of the waste;
- include timeframes for the completion of staged capping and closure works;
- include a statement prepared by a suitably qualified engineer. This statement should assess all design changes against the requirements of the NSW Landfill Guidelines. The engineer's qualifications should meet the criteria specified in the NSW Landfill Guidelines.

Note: Upon receipt and approval of the Amended Closure Plan, the EPA will vary the licence to require capping and closure works to be undertaken in accordance with the Amended Closure Plan.

E1.2 Within three months of receiving approval of the Amended Closure Plan, the licensee must prepare and submit a Quality Assurance / Quality Control (QA/QC) program for the construction and installation of the approved landfill cap per the Amended Cap Design Plan.

The QA/QC program must:

- be prepared by a suitably qualified, independent, third party consultant;
- be prepared in accordance with all relevant Australian Standards;
- include:
 - a description of the works to be undertaken;
 - drawings of works to be executed;
 - a discussion of the QA/QC activities to be undertaken; and
 - a description of quality control testing to be undertaken.

E1.3 Within two months of the completion of the final landfill cap, the licensee must submit a report prepared in accordance with the QA/QC. The report must:

Environment Protection Licence

Licence - 5861

- i. be prepared by a suitably qualified, independent, third party consultant;
- ii. be prepared in accordance with all relevant Australian Standards;
- iii. include:
 - 1. a description of works undertaken;
 - 2. drawings of works as executed;
 - 3. a discussion of QA/QC activities undertaken;
 - 4. results of quality control testing undertaken (including material validation and GLC installation);
 - 5. photographs documenting all major stages of installation;
 - 6. a statement from a qualified engineer confirming the works were constructed in accordance with the specifications;
 - 7. a statement from a qualified engineer identifying any deviations from the specifications; and
 - 8. a statement from a qualified engineer explaining how identified deviations impact the QA/QC objectives.

E2 Environmental Obligations of Licensee (Works & Programs)

- E2.1 While the licensee's premises are being used for the purpose to which the licence relates, the licensee must:
- a) Clean up any spill, leak or other discharge of any waste(s) or other material(s) as soon as practicable after it becomes known to the licensee or to one of the licensee's employees or agents.
 - b) In the event(s) that any liquid and non-liquid waste(s) is unlawfully deposited on the premises, such waste(s) must be removed and lawfully disposed of as soon as practicable or in accordance with any direction given by the EPA.
 - c) Provide all monitoring data as required by the conditions of this licence or as directed by the EPA.
- E2.2 In the event of an earthquake, storm, fire, flood or any other event where it is reasonable to suspect that a pollution incident has occurred, is occurring or is likely to occur, the licensee (whether or not the premises continue to be used for the purposes to which the licence relates) must:
- a) make all efforts to contain all firewater on the licensee's premises,
 - b) make all efforts to control air pollution from the licensee's premises,
 - c) make all efforts to contain any discharge, spill or run-off from the licensee's premises,
 - d) make all efforts to prevent flood water entering the licensee's premises,
 - e) remediate and rehabilitate any exposed areas of soil and/or waste,
 - f) lawfully dispose of all liquid and solid waste(s) stored on the premises that is not already securely disposed of,
 - g) at the request of the EPA monitor groundwater beneath the licensee's premises and its potential to migrate from the licensee's premises,
 - h) at the request of the EPA monitor surface water leaving the licensee's premises; and
 - i) ensure the licensee's premises is secure.
- E2.3 After the licensee's premises cease to be used for the purpose to which the licence relates or in the event that the licensee ceases to carry out the activity that is the subject of this licence, that licensee must:
- a) remove and lawfully dispose of all liquid and non-liquid waste stored on the licensee's premises; and



Environment Protection Licence

Licence - 5861

b) rehabilitate the site, including conducting an assessment of and if required remediation of any site contamination.



Environment Protection Licence

Licence - 5861

Dictionary

General Dictionary

3DGM [in relation to a concentration limit]	Means the three day geometric mean, which is calculated by multiplying the results of the analysis of three samples collected on consecutive days and then taking the cubed root of that amount. Where one or more of the samples is zero or below the detection limit for the analysis, then 1 or the detection limit respectively should be used in place of those samples
Act	Means the Protection of the Environment Operations Act 1997
activity	Means a scheduled or non-scheduled activity within the meaning of the Protection of the Environment Operations Act 1997
actual load	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009
AM	Together with a number, means an ambient air monitoring method of that number prescribed by the <i>Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales</i> .
AMG	Australian Map Grid
anniversary date	The anniversary date is the anniversary each year of the date of issue of the licence. In the case of a licence continued in force by the Protection of the Environment Operations Act 1997, the date of issue of the licence is the first anniversary of the date of issue or last renewal of the licence following the commencement of the Act.
annual return	Is defined in R1.1
Approved Methods Publication	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009
assessable pollutants	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009
BOD	Means biochemical oxygen demand
CEM	Together with a number, means a continuous emission monitoring method of that number prescribed by the <i>Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales</i> .
COD	Means chemical oxygen demand
composite sample	Unless otherwise specifically approved in writing by the EPA, a sample consisting of 24 individual samples collected at hourly intervals and each having an equivalent volume.
cond.	Means conductivity
environment	Has the same meaning as in the Protection of the Environment Operations Act 1997
environment protection legislation	Has the same meaning as in the Protection of the Environment Administration Act 1991
EPA	Means Environment Protection Authority of New South Wales.
fee-based activity classification	Means the numbered short descriptions in Schedule 1 of the Protection of the Environment Operations (General) Regulation 2009.
general solid waste (non-putrescible)	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997



Environment Protection Licence

Licence - 5861

flow weighted composite sample	Means a sample whose composites are sized in proportion to the flow at each composites time of collection.
general solid waste (putrescible)	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
grab sample	Means a single sample taken at a point at a single time
hazardous waste	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
licensee	Means the licence holder described at the front of this licence
load calculation protocol	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009
local authority	Has the same meaning as in the Protection of the Environment Operations Act 1997
material harm	Has the same meaning as in section 147 Protection of the Environment Operations Act 1997
MBAS	Means methylene blue active substances
Minister	Means the Minister administering the Protection of the Environment Operations Act 1997
mobile plant	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
motor vehicle	Has the same meaning as in the Protection of the Environment Operations Act 1997
O&G	Means oil and grease
percentile [in relation to a concentration limit of a sample]	Means that percentage [eg.50%] of the number of samples taken that must meet the concentration limit specified in the licence for that pollutant over a specified period of time. In this licence, the specified period of time is the Reporting Period unless otherwise stated in this licence.
plant	Includes all plant within the meaning of the Protection of the Environment Operations Act 1997 as well as motor vehicles.
pollution of waters [or water pollution]	Has the same meaning as in the Protection of the Environment Operations Act 1997
premises	Means the premises described in condition A2.1
public authority	Has the same meaning as in the Protection of the Environment Operations Act 1997
regional office	Means the relevant EPA office referred to in the Contacting the EPA document accompanying this licence
reporting period	For the purposes of this licence, the reporting period means the period of 12 months after the issue of the licence, and each subsequent period of 12 months. In the case of a licence continued in force by the Protection of the Environment Operations Act 1997, the date of issue of the licence is the first anniversary of the date of issue or last renewal of the licence following the commencement of the Act.
restricted solid waste	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
scheduled activity	Means an activity listed in Schedule 1 of the Protection of the Environment Operations Act 1997
special waste	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
TM	Together with a number, means a test method of that number prescribed by the <i>Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales</i> .



Environment Protection Licence

Licence - 5861

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.

Ms Debbie Maddison

Environment Protection Authority

(By Delegation)

Date of this edition: 10-November-2000



Environment Protection Licence

Licence - 5861

End Notes	
1	Licence fee period changed by notice 1027159 on 07-May-2003.
2	Licence varied by notice 1031209, issued on 13-Nov-2003, which came into effect on 08-Dec-2003.
3	Licence varied by notice 1040749, issued on 20-Sep-2004, which came into effect on 15-Oct-2004.
4	Licence varied by notice 1047638, issued on 17-May-2005, which came into effect on 11-Jun-2005.
5	Licence varied by change to DEC Region allocation, issued on 17-Mar-2006, which came into effect on 17-Mar-2006.
6	Licence varied by notice 1058303, issued on 16-May-2006, which came into effect on 16-May-2006.
7	Licence varied by change to EPA Region, issued on 07-Aug-2006, which came into effect on 07-Aug-2006.
8	Licence varied by notice 1067922, issued on 18-Mar-2008, which came into effect on 18-Mar-2008.
9	Licence varied by notice 1085613, issued on 13-Jun-2008, which came into effect on 13-Jun-2008.
10	Licence varied by notice 1092799, issued on 17-Oct-2008, which came into effect on 17-Oct-2008.
11	Condition A1.3 Not applicable varied by notice issued on <issue date> which came into effect on <effective date>
12	Licence varied by Correction to EPA Region data record., issued on 28-Jun-2010, which came into effect on 28-Jun-2010.
13	Licence varied by notice 1513564 issued on 20-May-2013
14	Licence varied by notice 1526896 issued on 19-Dec-2014
15	Licence varied by notice 1531436 issued on 01-Sep-2015
16	Licence varied by notice 1541401 issued on 20-Jun-2016