

Licence Variation



Licence - 4627

TRANSPORT FOR NSW
WALLGROVE ROAD
EASTERN CREEK NSW 2766

Attention: Dave Kelly

Notice Number 1638702
File Number EF20/28223
Date 01-May-2024

NOTICE OF VARIATION OF LICENCE NO. 4627

BACKGROUND

- A. TRANSPORT FOR NSW Trading as TRANSPORT FOR NSW ("the licensee") is the holder of Environment Protection Licence No. 4627 ("the licence") issued under the *Protection of the Environment Operations Act 1997* ("the Act"). The licence authorises the carrying out of activities at 10-16 ALBERT STREET, ST PETERS, NSW, 2044 ("the premises").
- B. On 24-Apr-2024 the Environment Protection Authority (EPA) received an application for the variation of the licence.
- C. The licensee has applied to vary dates in conditions U2.2, U2.5, and U2.8 of the Hazardous Ground Gases Risk Assessment (HGGRA) Pollution Reduction Program (PRP). These dates relate to programming, implementation, and reporting deadlines for the program.
- D. The justifications for extending the dates are as follows:
- U2.2 - delays in the procurement process due to multiple contractor engagements.
 - U2.5 - delays have been encountered due to construction rectification works occurring in the same area of the site as the planned passive gas collection system rectification. Consequently, an alternative design solution has been proposed by the EPA accredited Site Auditor and will be trialled over the coming months.
 - U2.8 - due to elevated methane concentrations being recorded in nearby locations, a detailed assessment of the RW101A capping area is to be completed. During this time, the RW101A capping cannot be completed as it may impact the assessment. Further, the results of the assessment may inform further actions/rectification in this area.
- E. The EPA understands that the NSW EPA accredited Site Auditor for the site has reviewed and endorsed the alternative dates proposed by the licensee.
- F. The licensee has also applied to remove or replace landfill gas monitoring locations and to add new monitoring locations in conditions P1.2 and M2.2. The removal/replacement of twelve wells is due to the locations no longer being viable because of shallow groundwater, well destruction during construction

Licence Variation



works, or the well location being unrepresentative of potential gas concentrations migrating offsite. Ten replacement/additional monitoring well locations have been added.

- G. The EPA understands that the Site Auditor has reviewed and endorsed the changes to the monitoring locations.
- H. In issuing this variation, the EPA has considered s. 45 of the Act.

VARIATION OF LICENCE NO. 4627

1. By this notice the EPA varies licence No. 4627. 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:
 - U2.2c) - program date changed from 31 May 2024 to 3 September 2024 and final installation date changed from 30 September 2024 to 30 June 2025.
 - U2.2e) - reporting date changed from 31 December 2024 to 30 September 2025.
 - U2.5a) - program date changed from 30 April 2024 to 30 November 2024 and final installation date changed from 30 October 2024 to 30 June 2025.
 - U2.5c) - reporting date changed from 30 October 2025 to 30 June 2026.
 - U2.8 - program date changed from 30 April 2024 to 30 March 2025 and works completion date changed from 30 October 2024 to 30 October 2025.
 - P1.2 - monitoring points 25, 28, 29, 30, 32, 33, and 54 were removed and points 68, 69, 70, 71, and 72 were added. Locations of points 19, 23, 24, 26, and 31 were adjusted, as required. The air monitoring requirements in M2.2 have also been updated to reflect these changes.

A handwritten signature in blue ink, appearing to read 'Aleksandra', is positioned above the printed name.

.....

Aleksandra Young
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.

Licence Variation



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 - 4627

<u>Licence Details</u>	
Number:	4627
Anniversary Date:	01-December

<u>Licensee</u>	
TRANSPORT FOR NSW	
WALLGROVE ROAD	
EASTERN CREEK NSW 2766	

<u>Premises</u>	
M8 ST PETERS INTERCHANGE	
10-16 ALBERT STREET	
ST PETERS NSW 2044	

<u>Scheduled Activity</u>	
Road construction	

<u>Fee Based Activity</u>	<u>Scale</u>
Road construction (<50,000T)	0-10 Kilometres

<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 - 4627

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	15
L1 Pollution of waters	15
L2 Concentration limits	15
L3 Noise limits	16
L4 Hours of operation	16
L5 Potentially offensive odour	17
4 OPERATING CONDITIONS	18
O1 Activities must be carried out in a competent manner	18
O2 Maintenance of plant and equipment	18
O3 Dust	18
O4 Emergency response	18
O5 Processes and management	19
O6 Waste management	20
5 MONITORING AND RECORDING CONDITIONS	21
M1 Monitoring records	21
M2 Requirement to monitor concentration of pollutants discharged	22
M3 Testing methods - concentration limits	25
M4 Environmental monitoring	25
M5 Weather monitoring	25
M6 Recording of pollution complaints	25



Environment Protection Licence

Licence - 4627

M7	Telephone complaints line	26
6	REPORTING CONDITIONS	27
R1	Annual return documents	27
R2	Notification of environmental harm	28
R3	Written report	28
R4	Other reporting conditions	28
7	GENERAL CONDITIONS	30
G1	Copy of licence kept at the premises or plant	30
G2	Contact number for incidents and responsible employees	30
8	POLLUTION STUDIES AND REDUCTION PROGRAMS	31
U1	Use of Site Auditor	31
U2	Hazardous Ground Gases Risk Assessment (HGGRA) Implementation Program	31
9	SPECIAL CONDITIONS	33
E1	Definitions	33
E2	Voluntary Environmental Audit	34
	DICTIONARY	36
	General Dictionary	36

Environment Protection Licence

Licence - 4627

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 - 4627

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:

TRANSPORT FOR NSW
WALLGROVE ROAD
EASTERN CREEK NSW 2766

subject to the conditions which follow.



Environment Protection Licence

Licence - 4627

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
Road construction	Road construction (<50,000T)	0 - 10 Kilometres

A2 Premises or plant to which this licence applies

A2.1 The licence applies to the following premises:

Premises Details
M8 ST PETERS INTERCHANGE
10-16 ALBERT STREET
ST PETERS
NSW 2044
PART LOT 1 DP 88087, PART LOT 3 DP 234704, LOT 4 DP 234704, PART LOT 5 DP 234704, PART LOT 2 DP 316359, LOT A DP 335583, PART LOT B DP 376645, PART LOT A DP 391775, LOT B DP 394647, PART LOT X DP 421363, LOT 13 DP 606737, PART LOT 14 DP 606737, LOT 101 DP 845651, PART LOT 102 DP 871150, PART LOT 1 DP 1168612, PART LOT 2 DP 1168612, PART LOT 2 DP 1227450
LOT SP DP 35749.
EXCLUDING PART LOT 1 DP 88087, PART LOT B DP 376645, PART LOT 2 DP 1168612, PART LOT 1 DP 1168612, PART LOT 3 DP 234704 AND AREA SHOWN ON MAP RECEIVED BY THE EPA ON 27 JULY 2020 TITLED "FORMER LANDFILL ARE LICENSED TO EPL 21149", MARKED AS "WCX3A CONSTRUCTION SITE". MAP REF: SF20/58221.

A2.2 In relation to Condition A2.1, the premise is defined by the most recent premise maps held on EPA Electronic File EF16/3654 and approved in writing by the EPA.

A2.3 Premises maps must be available for public access on the project website(s) no more than 3 business days after approval by the EPA.

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,



Environment Protection Licence

Licence - 4627

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 following documents (and any future amendments to them) are not to be taken as part of the documentation in A3.1, other than those parts specifically referenced in this licence:
- a) The licence operates subject to the Infrastructure approval under section 115ZB of the Environmental Planning & Assessment Act 1979, application no. SSI6788, dated 20 April 2016;
 - b) St Peters Interchange – Landfill Closure Management Plan (LCMP), dated 4 August 2017 and prepared by Golders Associates; and
 - c) Alexandria Landfill Closure – Landfill Environmental Management Plan (LEMP), dated 25 June 2020 and prepared by Golder.

2 Discharges to Air and Water and Applications to Land

P1 Location of monitoring/discharge points and areas

- P1.1 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.
- P1.2 The following points referred to in the table are identified in this licence for the purposes of the monitoring and/or the setting of limits for discharges of pollutants to water from the point.

Water and land

EPA Identification no.	Type of Monitoring Point	Type of Discharge Point	Location Description
2	Groundwater Quality Monitoring		Groundwater monitoring point labelled as "LDS-BH-3057B" on Map showing monitoring points. Map reference: "M5N-GOL-DWG-900-300-EV-0004", version sent to EPA on 01/07/2020. EPA Ref: DOC20/520701
3	Groundwater Quality Monitoring		Groundwater monitoring point labelled as "LDS-BH-3059B" on Map showing monitoring points. Map reference: "M5N-GOL-DWG-900-300-EV-0004", version sent to EPA on 01/07/2020. EPA Ref: DOC20/520701

Environment Protection Licence

Licence - 4627

4	Groundwater Quality Monitoring	Groundwater monitoring point labelled as "LDS-BH-3087" on Map showing monitoring points. Map reference: "M5N-GOL-DWG-900-300-EV-0004", version sent to EPA on 01/07/2020. EPA Ref: DOC20/520701
5	Groundwater Quality Monitoring	Groundwater monitoring point labelled as "LDS-BH-3088" on Map showing monitoring points. Map reference: "M5N-GOL-DWG-900-300-EV-0004", version sent to EPA on 01/07/2020. EPA Ref: DOC20/520701
6	Groundwater Quality Monitoring	Groundwater monitoring point labelled as "LDS-BH-3089A" on Map showing monitoring points. Map reference: "M5N-GOL-DWG-900-300-EV-0004", version sent to EPA on 01/07/2020. EPA Ref: DOC20/520701
7	Groundwater Quality Monitoring	Groundwater monitoring point labelled as "LDS-BH-3090" on Map showing monitoring points. Map reference: "M5N-GOL-DWG-900-300-EV-0004", version sent to EPA on 01/07/2020. EPA Ref: DOC20/520701
8	Groundwater Quality Monitoring	Groundwater monitoring point labelled as "LDS-BH-3091A" on Map showing monitoring points. Map reference: "M5N-GOL-DWG-900-300-EV-0004", version sent to EPA on 01/07/2020. EPA Ref: DOC20/520701
9	Groundwater Quality Monitoring	Groundwater monitoring point labelled as "LDS-GW-MW3" on Map showing monitoring points. Map reference: "M5N-GOL-DWG-900-300-EV-0004", version sent to EPA on 01/07/2020. EPA Ref: DOC20/520701
10	Groundwater Quality Monitoring	Groundwater monitoring point labelled as "MW4D" on Map showing monitoring points. Map reference: "M5N-GOL-DWG-900-300-EV-0004", version sent to EPA on 01/07/2020. EPA Ref: DOC20/520701

Environment Protection Licence

Licence - 4627

11	Groundwater Quality Monitoring		Groundwater monitoring point labelled as "WCX_BH157A" on Map showing monitoring points. Map reference: "M5N-GOL-DWG-900-300-EV-0004", version sent to EPA on 01/07/2020. EPA Ref: DOC20/520701
12	Groundwater Quality Monitoring		Groundwater monitoring point labelled as "LDS-BH-3907A" on Map showing monitoring points. Map reference: "M5N-GOL-DWG-900-300-EV-0004", version sent to EPA on 01/07/2020. EPA Ref: DOC20/520701
13	Surface Water Quality Monitoring		Surface Water monitoring point labelled as "SW1" on Map showing monitoring points. Map reference: "M5N-GOL-DWG-900-300-EV-0004", version sent to EPA on 01/07/2020. EPA Ref: DOC20/520701
14	Surface Water Quality Monitoring		Surface Water monitoring point labelled as "SW2" on Map showing monitoring points. Map reference: "M5N-GOL-DWG-900-300-EV-0004", version sent to EPA on 01/07/2020. EPA Ref: DOC20/520701
15	Surface Water Quality Monitoring		Surface Water monitoring point labelled as "SW3" on Map showing monitoring points. Map reference: "M5N-GOL-DWG-900-300-EV-0004", version sent to EPA on 01/07/2020. EPA Ref: DOC20/520701
16	Leachate quality monitoring		Leachate Sump monitoring point labelled as "LP1" on Map showing monitoring points. Map reference: "M5N-GOL-DWG-900-300-EV-0004", version sent to EPA on 01/07/2020. EPA Ref: DOC20/520701
64	Surface Water Quality Monitoring and Discharge only from excavations above landfill waste marker layer.	Surface Water Quality Monitoring and Discharge only from excavations above landfill waste marker layer.	Surface Water monitoring and discharge point labelled as "WD01" on Map showing monitoring points. Map reference: "M8 Dust & Water Discharge Points" version sent to EPA on 23 February 2022/ EPA Ref: DOC22/140888.



Environment Protection Licence

Licence - 4627

65	Surface Water Quality Monitoring and Discharge (only from excavations above landfill waste marker layer)	Surface Water Quality Monitoring and Discharge (only from excavations above landfill waste marker layer)	Surface Water monitoring and discharge point labelled as "WD02" on map showing monitoring points. Map reference "M8 Dust Monitoring & Water Discharge Points", version sent to EPA on 7 July 2023 (EPA ref: DOC23/606146).
66	Surface Water Quality Monitoring and Discharge (only from excavations above landfill waste marker layer)	Surface Water Quality Monitoring and Discharge (only from excavations above landfill waste marker layer)	Surface Water monitoring and discharge point labelled as "WD03" on map showing monitoring points. Map reference "M8 Dust Monitoring & Water Discharge Points", version sent to EPA on 7 July 2023 (EPA ref: DOC23/606146).
67	Surface Water Quality Monitoring and Discharge (only from excavations above landfill waste marker layer)	Surface Water Quality Monitoring and Discharge (only from excavations above landfill waste marker layer)	Surface Water monitoring and discharge point labelled as "WD04" on map showing monitoring points. Map reference "M8 Dust Monitoring & Water Discharge Points", version sent to EPA on 7 July 2023 (EPA ref: DOC23/606146).

P1.3 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
17	Landfill Gas Monitoring		Gas Monitoring point labelled as "LDS-BH-10321A" on Map showing monitoring points. Map reference: "M5N-GOL-DWG-900-300-EV-0004", version sent to EPA on 01/07/2020. EPA Ref: DOC20/520701
18	Landfill Gas Monitoring		Gas Monitoring point labelled as "LDS-BH-10322" on Map showing monitoring points. Map reference: "M5N-GOL-DWG-900-300-EV-0004", version sent to EPA on 01/07/2020. EPA Ref: DOC20/520701
19	Landfill Gas Monitoring		Gas Monitoring point labelled as "LDS-BH-10329a" on Map showing monitoring points. Map reference: "PP200974-001-P-Rev0", version sent to EPA on 22/04/2024. EPA Ref: DOC24/314929.
20	Landfill Gas Monitoring		Gas Monitoring point labelled as "LDS-BH-10331" on Map showing monitoring points. Map reference: "M5N-GOL-DWG-900-300-EV-0004", version sent to EPA on 01/07/2020. EPA Ref: DOC20/520701

Environment Protection Licence

Licence - 4627

21	Landfill Gas Monitoring	Gas Monitoring point labelled as "LDS-BH-10332" on Map showing monitoring points. Map reference: "M5N-GOL-DWG-900-300-EV-0004", version sent to EPA on 01/07/2020. EPA Ref: DOC20/520701
22	Landfill Gas Monitoring	Gas Monitoring point labelled as "LDS-GM-001" on Map showing monitoring points. Map reference: "M5N-GOL-DWG-900-300-EV-0004", version sent to EPA on 01/07/2020. EPA Ref: DOC20/520701
23	Landfill Gas Monitoring	Gas Monitoring point labelled as "LDS-GM-002c" on Map showing monitoring points. Map reference: "PP200974-001-P-Rev0", version sent to EPA on 22/04/2024. EPA Ref: DOC24/314929.
24	Landfill Gas Monitoring	Gas Monitoring point labelled as "LDS-GM-003c" on Map showing monitoring points. Map reference: "PP200974-001-P-Rev0", version sent to EPA on 22/04/2024. EPA Ref: DOC24/314929.
26	Landfill Gas Monitoring	Gas Monitoring point labelled as "LDS-GM-032" on Map showing monitoring points. Map reference: "PP200974-001-P-Rev0", version sent to EPA on 22/04/2024. EPA Ref: DOC24/314929.
27	Landfill Gas Monitoring	Gas Monitoring point labelled as "LDS-GM-005" on Map showing monitoring points. Map reference: "M5N-GOL-DWG-900-300-EV-0004", version sent to EPA on 01/07/2020. EPA Ref: DOC20/520701
31	Landfill Gas Monitoring	Gas Monitoring point labelled as "LDS-GM-033" on Map showing monitoring points. Map reference: "PP200974-001-P-Rev0", version sent to EPA on 22/04/2024. EPA Ref: DOC24/314929.
34	Landfill Gas Monitoring	Gas Monitoring point labelled as "LDS-GM-009c" on Map showing monitoring points. Map reference: "M5N-GOL-DWG-900-300-EV-0004", version sent to EPA on 01/07/2020. EPA Ref: DOC20/520701
35	Landfill Gas Monitoring	Gas Monitoring point labelled as "LDS-GM-009d" on Map showing monitoring points. Map reference: "M5N-GOL-DWG-900-300-EV-0004", version sent to EPA on 01/07/2020. EPA Ref: DOC20/520701

Environment Protection Licence

Licence - 4627

36	Landfill Gas Monitoring	Gas Monitoring point labelled as "LDS-GM-010a" on Map showing monitoring points. Map reference: "M5N-GOL-DWG-900-300-EV-0004", version sent to EPA on 01/07/2020. EPA Ref: DOC20/520701
37	Landfill Gas Monitoring	Gas Monitoring point labelled as "LDS-GM-010b" on Map showing monitoring points. Map reference: "M5N-GOL-DWG-900-300-EV-0004", version sent to EPA on 01/07/2020. EPA Ref: DOC20/520701
38	Landfill Gas Monitoring	Gas Monitoring point labelled as "LDS-GM-011a" on Map showing monitoring points. Map reference: "M5N-GOL-DWG-900-300-EV-0004", version sent to EPA on 01/07/2020. EPA Ref: DOC20/520701
39	Landfill Gas Monitoring	Gas Monitoring point labelled as "LDS-GM-012c" on Map showing monitoring points. Map reference: "M5N-GOL-DWG-900-300-EV-0004", version sent to EPA on 01/07/2020. EPA Ref: DOC20/520701
40	Landfill Gas Monitoring	Gas Monitoring point labelled as "LDS-GM-012d" on Map showing monitoring points. Map reference: "M5N-GOL-DWG-900-300-EV-0004", version sent to EPA on 01/07/2020. EPA Ref: DOC20/520701
42	Landfill Gas Monitoring	Gas Monitoring point labelled as "LDS-GM-014" on Map showing monitoring points. Map reference: "M5N-GOL-DWG-900-300-EV-0004", version sent to EPA on 01/07/2020. EPA Ref: DOC20/520701
43	Landfill Gas Monitoring	Gas Monitoring point labelled as "LDS-GM-015" on Map showing monitoring points. Map reference: "M5N-GOL-DWG-900-300-EV-0004", version sent to EPA on 01/07/2020. EPA Ref: DOC20/520701
44	Landfill Gas Monitoring	Gas Monitoring point labelled as "LDS-GM-016" on Map showing monitoring points. Map reference: "M5N-GOL-DWG-900-300-EV-0004", version sent to EPA on 01/07/2020. EPA Ref: DOC20/520701
45	Landfill Gas Monitoring	Gas Monitoring point labelled as "LDS-GM-017" on Map showing monitoring points. Map reference: "M5N-GOL-DWG-900-300-EV-0004", version sent to EPA on 01/07/2020. EPA Ref: DOC20/520701

Environment Protection Licence

Licence - 4627

46	Landfill Gas Monitoring	Gas Monitoring point labelled as "LDS-GM-018" on Map showing monitoring points. Map reference: "M5N-GOL-DWG-900-300-EV-0004", version sent to EPA on 01/07/2020. EPA Ref: DOC20/520701
47	Landfill Gas Monitoring	Gas Monitoring point labelled as "LDS-GM-019" on Map showing monitoring points. Map reference: "M5N-GOL-DWG-900-300-EV-0004", version sent to EPA on 01/07/2020. EPA Ref: DOC20/520701
48	Landfill Gas Monitoring	Gas Monitoring point labelled as "LDS-GM-020" on Map showing monitoring points. Map reference: "M5N-GOL-DWG-900-300-EV-0004", version sent to EPA on 01/07/2020. EPA Ref: DOC20/520701
49	Landfill Gas Monitoring	Gas Monitoring point labelled as "LDS-GM-021" on Map showing monitoring points. Map reference: "M5N-GOL-DWG-900-300-EV-0004", version sent to EPA on 01/07/2020. EPA Ref: DOC20/520701
50	Landfill Gas Monitoring	Gas Monitoring point labelled as "LDS-GM-022a" on Map showing monitoring points. Map reference: "M5N-GOL-DWG-900-300-EV-0004", version sent to EPA on 01/07/2020. EPA Ref: DOC20/520701
51	Landfill Gas Monitoring	Gas Monitoring point labelled as "LDS-GM-023" on Map showing monitoring points. Map reference: "M5N-GOL-DWG-900-300-EV-0004", version sent to EPA on 01/07/2020. EPA Ref: DOC20/520701
52	Landfill Gas Monitoring	Gas Monitoring point labelled as "LDS-GM-024a" on Map showing monitoring points. Map reference: "M5N-GOL-DWG-900-300-EV-0004", version sent to EPA on 01/07/2020. EPA Ref: DOC20/520701
53	Landfill Gas Monitoring	Gas Monitoring point labelled as "LDS-GM-024b" on Map showing monitoring points. Map reference: "M5N-GOL-DWG-900-300-EV-0004", version sent to EPA on 01/07/2020. EPA Ref: DOC20/520701
55	Landfill Gas Monitoring	Gas Monitoring point labelled as "LDS-GM-026" on Map showing monitoring points. Map reference: "M5N-GOL-DWG-900-300-EV-0004", version sent to EPA on 01/07/2020. EPA Ref: DOC20/520701

Environment Protection Licence

Licence - 4627

56	Landfill Gas Monitoring	Gas Monitoring point labelled as "LDS-GM-027" on Map showing monitoring points. Map reference: "M5N-GOL-DWG-900-300-EV-0004", version sent to EPA on 01/07/2020. EPA Ref: DOC20/520701
57	Landfill Gas Monitoring	Gas Monitoring point labelled as "LDS-GM-028" on Map showing monitoring points. Map reference: "M5N-GOL-DWG-900-300-EV-0004", version sent to EPA on 01/07/2020. EPA Ref: DOC20/520701
58	Landfill Gas Monitoring	Gas Monitoring point labelled as "LDS-GM-029" on Map showing monitoring points. Map reference: "M5N-GOL-DWG-900-300-EV-0004", version sent to EPA on 01/07/2020. EPA Ref: DOC20/520701
59	Landfill Gas Monitoring	Gas Monitoring point labelled as "LDS-GM-030" on Map showing monitoring points. Map reference: "M5N-GOL-DWG-900-300-EV-0004", version sent to EPA on 01/07/2020. EPA Ref: DOC20/520701
60	T2 Basal Passive Gas Vent Riser Monitoring	Gas Monitoring point labelled as "GV48" on Map showing monitoring points. Map reference: "M5N-GOL-DWG-900-300-EV-0004", version sent to EPA on 01/07/2020. EPA Ref: DOC20/520701
61	T2 Basal Passive Gas Vent Riser Monitoring	Gas Monitoring point labelled as "GV49" on Map showing monitoring points. Map reference: "M5N-GOL-DWG-900-300-EV-0004", version sent to EPA on 01/07/2020. EPA Ref: DOC20/520701
62	T2 Basal Passive Gas Vent Riser Monitoring	Gas Monitoring point labelled as "GV50" on Map showing monitoring points. Map reference: "M5N-GOL-DWG-900-300-EV-0004", version sent to EPA on 01/07/2020. EPA Ref: DOC20/520701
63	Air Quality Monitoring	Air Quality monitoring point labelled as "DM01" on Map showing monitoring points. Map reference: "M8 Dust & Water Discharge Points" version sent to EPA on 23 February 2022/ EPA Ref: DOC22/140888.
68	Landfill gas monitoring	Gas Monitoring point labelled as "LDS-GM-034" on Map showing monitoring points. Map reference: "PP200974-001-P-Rev0", version sent to EPA on 22/04/2024. EPA Ref: DOC24/314929.



Environment Protection Licence

Licence - 4627

69	Landfill gas monitoring	Gas Monitoring point labelled as "LDS-GM-035" on Map showing monitoring points. Map reference: "PP200974-001-P-Rev0", version sent to EPA on 22/04/2024. EPA Ref: DOC24/314929.
70	Landfill gas monitoring	Gas Monitoring point labelled as "LDS-GM-036" on Map showing monitoring points. Map reference: "PP200974-001-P-Rev0", version sent to EPA on 22/04/2024. EPA Ref: DOC24/314929.
71	Landfill gas monitoring.	Gas Monitoring point labelled as "LDS-GM-037" on Map showing monitoring points. Map reference: "PP200974-001-P-Rev0", version sent to EPA on 22/04/2024. EPA Ref: DOC24/314929.
72	Landfill gas monitoring	Gas Monitoring point labelled as "LDS-GM-031" on Map showing monitoring points. Map reference: "PP200974-001-P-Rev0", version sent to EPA on 22/04/2024. EPA Ref: DOC24/314929.

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 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



Environment Protection Licence

Licence - 4627

POINT 64,65,66,67

Pollutant	Units of Measure	50 Percentile concentration limit	90 Percentile concentration limit	3DGM concentration limit	100 percentile concentration limit
Oil and Grease	Visible				Not Visible
pH	pH				6.5-8.6
Total suspended solids	milligrams per litre				50

L3 Noise limits

- L3.1 The licensee must minimise noise and vibration impacts at residences and other sensitive land uses. To meet the requirements of this condition the licensee must:

 - a) implement the guidance in the Interim Construction Noise Guideline (DEC, 2009) and the Assessing Vibration: a technical guideline (DEC, 2006);
 - b) implement all reasonable and feasible measures to minimise noise impacts in accordance with the Interim Construction Noise Guideline (DEC, 2009); and
 - c) implement vibration mitigation in accordance with the Assessing Vibration: a Technical Guideline (DEC, 2006).

In this condition, ‘reasonable’ and ‘feasible’, in relation to noise management, have the same meaning as defined in the Interim Construction Noise Guideline (DEC, 2009).
- L3.2 When construction activities include 'High Noise Impact Activities and Works' as defined in the special dictionary in this licence, quantitative construction noise assessments must apply a +5dB correction to the measured or predicted level of construction noise at the nearest Noise Sensitive Receiver location before assessment against the Interim Construction Noise Guideline (DECC, 2009) noise management levels.

L4 Hours of operation

- L4.1 Standard construction hours

Unless permitted by another condition of this licence, works and activities must:

 - a) only be undertaken between the hours of 7:00 am and 6:00 pm Monday to Friday;
 - b) only be undertaken between the hours of 8:00 am and 1:00 pm Saturday; and
 - c) not be undertaken on Sundays or Public Holidays.

Note: for the purposes of this condition “works and activities” refers to:

 - a) “Bridge 5 Rectification” works as defined in the REF “WestConnex New M5 Project – St Peters Interchange Bridge 5 Remediation Works - Minor works review of environmental factors” submitted to the EPA on 24 February 2022 Ref: DOC22/143307.
 - b) "Piled Pavement Remediation" works as defined in the REF "Westconnex M8 - St Peters Interchance piled pavement remediations works - Minor works review of environmental factors", submitted to the EPA on 7 July 2023 (EPA ref: DOC23/606144).

Environment Protection Licence

Licence - 4627

L4.2 Unless otherwise specified by any other condition of this licence, any high noise impact activities must only be undertaken:

- a) between the hours of 8:00am and 6:00pm Monday to Friday;
- b) between the hours of 8:00am and 1:00pm Saturday; and
- c) in continuous blocks of no more than 3 hours, with at least a 1 hour respite between each block of work generating high noise impact.

For the purposes of this Condition, 'continuous' includes any period during which there is less than a 1 hour respite between ceasing and recommencing any of the work that is subject to this Condition.

L4.3 Exemptions to standard construction hours in exceptional circumstances

- a) The licensee may undertake works outside of standard construction hours if any of the following applies:
 - i. emergency works are required to avoid the loss of lives or property, or to prevent material harm to the environment;
 - ii. the delivery of oversized plant or structures has been determined by the police or other authorised authorities to require special arrangements to transport along public roads.
- b) The licensee must, on becoming aware of the need to undertake emergency construction work under this condition, notify the EPA's Environment Line as soon as practicable and submit a report to the EPA by 2pm on the next business day after the emergency works commenced that describes:
 - i. the cause, time and duration of the emergency; and
 - ii. action taken by or on behalf of the licensee in relation to the emergency; and
 - iii. details of any measures taken or proposed to be taken by the licensee to prevent or mitigate against a recurrence of the emergency.

For the purposes of this condition, 'material harm to the environment' has the same meaning as in section 147 of the POEO Act.

- L4.4 Works and activities may be carried out outside of the hours specified in Condition L4.1 if the works and activities do not cause, when measured at the boundary of the most affected noise sensitive receiver;:
- a) LAeq(15 minute) noise levels no more than 5 dB(A) above rating background level at any residence in accordance with the Interim Construction Noise Guideline (Department of Environment and Climate Change, 2009); and
 - b) LAeq(15 minute) noise levels no more than the noise management levels specified in Table 3 of the Interim Construction Noise Guideline (Department of Environment and Climate Change, 2009) at other sensitive receivers; and
 - (c) continuous or impulsive vibration values greater than those for human exposure to vibration, set out for residences in Table 2.2 in *Assessing Vibration: a technical guideline* (DEC, 2006); and
 - (d) intermittent vibration values greater than those for human exposure to vibration, set out for residences in Table 2.4 in *Assessing Vibration: a technical guideline* (DEC, 2006).

Note: for the purposes of this condition, the RBLs are those contained in an environmental assessment for the scheduled activity subject to this licence prepared under the Environmental Planning and Assessment Act 1979. Alternatively, the licensee may use another RBL determined in accordance with the *Noise Policy for Industry* (EPA, 2017) and provided to the EPA prior to carrying out any works or activities under this Condition.

L5 Potentially offensive odour

L5.1 No condition of this licence identifies a potentially offensive odour for the purposes of section 129 of the

Environment Protection Licence

Licence - 4627

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 activities occurring at the premises must be carried out in a manner that will minimise the generation and prevent the emission of air pollution from the premises as much as is reasonably practicable.

O3.2 The premises must be maintained in a condition which minimises the generation and prevents the emission of air pollution from the premises as much as is reasonably practicable

O3.3 The licensee must implement all reasonable and feasible measures to demonstrate compliance with condition O3.1 and O3.2.

O3.4 Trucks entering and leaving the premises that are carrying loads must be covered at all times, except during loading and unloading.

O4 Emergency response

O4.1 The licensee must prepare, maintain and implement as necessary, a current Pollution Incident Response Management Plan (PIRMP) for the premises.

Note: NOTE: The licensee must develop their PIRMP in accordance with the requirements in Part 5.7A of the Protection of the Environment Operations Act 1997 (the POEO Act) and the Protection of the Environment

Environment Protection Licence

Licence - 4627

Operations (Waste) Regulation 2014.

O4.2 The licensee must have adequate fire prevention measures in place, and ensure that facility personnel are able to access fire-fighting equipment and manage fire outbreaks at any part of the premises.

O4.3 The licensee must extinguish fires at the premises as soon as possible.

O5 Processes and management

O5.1 The licensee must implement all feasible and reasonable erosion and sediment controls as may be necessary throughout the life of works and activities to minimise sediment leaving the premises.

O5.2 The licensee must ensure erosion and sediment controls are designed (stability, location, type and size), constructed, operated and maintained in accordance with Managing Urban Stormwater – Soils and Construction, Volume 2D, Main Road Construction (DECC, 2008), to be read and used in conjunction with Managing Urban Stormwater: Soils and Construction, Volume 1, 4th Edition (Landcom, 2004). Note: the licensee may consider guidance from other industry best practice documents if it can demonstrate the guidance will provide improved or equivalent outcomes for the environment and meet the requirements of condition L1.1 of this licence.

O5.3 The licensee must ensure:

- a) all vehicular access points to the premises are designed, constructed, maintained and stabilised to minimise vehicles tracking materials onto public roads and roads outside the premises as much as is reasonable and feasible;
- b) vehicle, motorised plant and equipment movements onto or off the premises minimise the deposition of any material onto the surface of roads outside of the premises;
- c) mud, splatter, dust and other material likely to fall from or be cast off the wheels, underside or body of any vehicle, trailer, motorised plant and equipment leaving the premises, is removed to the greatest extent practicable before it leaves the premises; and
- d) road surfaces subject to any tracking of material by vehicles leaving the premises must be cleaned as required to ensure compliance with a) and b) of this condition and condition L1.1 of this licence.

O5.4 The licensee must ensure that all erosion and sediment control measures installed on the premises are inspected and works undertaken to repair and/or maintain these controls as soon as reasonably practicable.

O5.5 The licensee must record all inspections required by condition O5.4, including observations and works undertaken to repair and/or maintain erosion and sediment controls and provide these records to an authorised officer upon request.

O5.6 The premises must be maintained in a condition which prevents the pollutants entering the stormwater system.

O5.7 The licensee must endeavour to maximise the reuse of captured stormwater on the premises, if appropriate.

O5.8 The landfill gas management infrastructure must be maintained and operating at all times, except as permitted under the waste exhumation approval referenced in Condition O6.7b).

Environment Protection Licence

Licence - 4627

O6 Waste management

- O6.1 The licensee must assess, classify and manage any waste generated at the premises in accordance with the Waste Classification Guidelines Part 1; Classifying Waste, November 2014 and the Addendum to the Waste Classification Guidelines (2014) published in October 2016, prior to taking the waste off the licenced premises.
- O6.2 The licensee must not cause, permit or allow any waste generated outside the licensed premises to be received at the licensed premises for storage, treatment, processing, reprocessing, or disposal on the licensed premises, except virgin excavated natural material (VENM), or as expressly permitted by an environment protection licence or resource recovery order and resource recovery exemption under the POEO Act, if such a licence is required in relation to that waste.
- O6.3 Leachate must only be disposed of by pumping to sewer in accordance with the licensee's Trade Waste Agreement with Sydney Water, or removed from the premises by tanker and disposed of lawfully off-site.
- O6.4 Leachate must not be irrigated and/or used for dust control at the premises.
- O6.5 Should leachate seeps be identified in the cap surface, the licensee must investigate the source of seepage, undertake repair works and any leachate will be captured and treated in the leachate management system.
- O6.6 All water contained within any areas where waste is uncovered or exhumed must be managed as leachate.
- O6.7 The licensee is authorised to exhume waste in accordance with the applications to exhume waste submitted to the EPA on:
 - a) 23 February 2022 (EPA Assessment table for the approval for exhumation of waste from landfill, ref: DOC22/136324).
 - b) 7 July 2023 (Approval for Exhumation of Waste - Assessment Table Piled Pavement Remediation, ref: DOC23/606104).
- O6.8 The excavation of material on the premises can only be undertaken if those works do not intercept leachate or generate further leachate as a result of the works. To achieve this condition, the licensee must ensure that leachate levels are appropriately managed to ensure leachate is not encountered during any excavation on the premises.

If leachate is encountered or there is potential for further leachate generation, works in the area must cease (except works to manage and mitigate leachate) until such time that leachate levels are reduced to below the excavated area.
- O6.9 Excavated landfill waste stockpiles must be covered at the end of each shift and must be removed from site as soon as reasonably practicable.
- O6.10 Condition O6.8 does not apply to works undertaken for the construction of sumps or other infrastructure necessary to dewater leachate and for installation of piles.
- O6.11 The licensee must prepare and implement any relevant Remediation Action Plan(s), including any addendums, should remediation be required to make land suitable for the final intended land use.
- O6.12 Any PFAS contaminated material must be handled and disposed of in accordance with the PFAS NEMP (HEPA 2020).

Environment Protection Licence

Licence - 4627

- O6.13 Any PFAS contaminated material with a PFOS, PFHxS or PFOA content above 50mg/kg is stored or disposed of in accordance with the PFAS NEMP (HEPA 2020) to achieve zero environmental release of their PFAS content.
- O6.14 Any reuse of PFAS contaminated water must be consistent with the requirements set out in the PFAS NEMP (HEPA 2020).

Landfill Closure

- O6.15 The former landfill must be closed substantially in accordance with the document “Technical Report: St Peters Interchange – Landfill Closure Management Plan LCMP, Golders Associates, 11 May 2016, Document: M5N-MNP-900-300-WT-9400-DE (the LCMP) and Annexures.” This includes capping layers comprising from bottom to top a:
- a) 300 mm thick seal bearing layer;
 - b) 600mm thick clay layer with a maximum permeability of 10⁻⁹ meters per second or a geosynthetic clay liner and a 200 mm thick clay layer with a maximum permeability of 10⁻⁹ meters per second;
 - c) 400mm thick subsoil layer; and
 - d) 100 mm thick topsoil layer.
- O6.16 The licensee must progressively cover the landfill, with a 300 mm thick layer of cover material, within five days after the final contours have been graded.
- O6.17 A floor liner and leachate collection system must be installed below the waste mound. The system must be substantially in accordance with 3.8.3 of the LCMP and comprise leachate feeder drains, a 200mm thick bearing layer, a 500 mm thick layer of clay rich material, leachate drainage aggregate and leachate collection drains.
- O6.18 Leachate management must be substantially in accordance with section 3.8 of the LCMP. Leachate must be collected and conveyed to the leachate treatment plant and discharged to sewer.
- O6.19 Any subsequent detailed leachate management design reports must be submitted to the EPA.
- O6.20 Landfill gas management infrastructure comprising passive, shallow gas collection and venting, and active gas extraction via deep wells and flaring must be installed substantially in accordance with section 3.7 of the LCMP.
- O6.21 The licensee must submit the following reports to the EPA no later than 5 October 2020:
- a) a Construction Quality Assurance Report in accordance with section 3.10 of the LCMP and section 11.2 NSW Environmental Guidelines Solid Waste Landfills second edition 2016; and
 - b) plans at a suitable scale of the installed barrier wall, leachate collection and conveyance systems, landfill gas management systems, and groundwater and gas monitoring wells including bore logs.

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.



Environment Protection Licence

Licence - 4627

- 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 17,18,19,20,21,22,23,24,26,27,31,34,35,36,37,38,39,40,42,43,44,45,46,47,48,49,50,51,52,53,55,56,57,58,59,60,61,62,68,69,70,71,72

Pollutant	Units of measure	Frequency	Sampling Method
Carbon dioxide	percent by volume	Special Frequency 1	Special Method 1
Carbon monoxide	parts per million	Quarterly	Special Method 1
Hydrogen Sulfide	parts per million	Quarterly	Special Method 1
Methane	percent by volume	Special Frequency 1	Special Method 1
Oxygen (O2)	parts per million	Quarterly	Special Method 1

POINT 63

Pollutant	Units of measure	Frequency	Sampling Method
Total suspended particles	grams per square metre per month	Monthly	Australian Standard 3580.10.1-2003

M2.3 Water and/ or Land Monitoring Requirements

POINT 2,3,4,5,6,7,8,9,10,11,12,16

Environment Protection Licence

Licence - 4627

Pollutant	Units of measure	Frequency	Sampling Method
Alkalinity (as calcium carbonate)	milligrams per litre	Quarterly	Grab sample
Aluminium	milligrams per litre	Yearly	Grab sample
Ammonia	milligrams per litre	Quarterly	Grab sample
Arsenic	milligrams per litre	Yearly	Grab sample
Barium	milligrams per litre	Yearly	Grab sample
Benzene	milligrams per litre	Yearly	Grab sample
Bicarbonate	milligrams per litre	Quarterly	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
Cobalt	milligrams per litre	Yearly	Grab sample
Copper	milligrams per litre	Yearly	Grab sample
Electrical conductivity	microsiemens per centimetre	Quarterly	Probe
Ethyl benzene	milligrams per litre	Yearly	Grab sample
Fluoride	milligrams per litre	Quarterly	Grab sample
hydrocarbons	milligrams per litre	Yearly	Grab sample
Iron	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
Nickel	milligrams per litre	Yearly	Grab sample
Nitrate	milligrams per litre	Quarterly	Grab sample
Nitrite	milligrams per litre	Quarterly	Grab sample
Organochlorine pesticides	milligrams per litre	Yearly	Grab sample
Organophosphate pesticides	milligrams per litre	Yearly	Grab sample
pH	pH	Quarterly	Probe
Phenols	milligrams per litre	Yearly	Grab sample
Phosphorus	milligrams per litre	Quarterly	Grab sample
Polycyclic aromatic hydrocarbons	milligrams per litre	Yearly	Grab sample
Potassium	milligrams per litre	Quarterly	Grab sample
Redox potential	millivolts	Quarterly	Probe
Sodium	milligrams per litre	Quarterly	Grab sample
Sulfate	milligrams per litre	Quarterly	Grab sample
Temperature	degrees Celsius	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
Xylene	milligrams per litre	Yearly	Grab sample

Environment Protection Licence

Licence - 4627

Zinc	milligrams per litre	Yearly	Grab sample
------	----------------------	--------	-------------

POINT 2,4,5,6,7,8,9,11,12

Pollutant	Units of measure	Frequency	Sampling Method
Standing Water Level	metres (Australian Height Datum)	Quarterly	In situ

POINT 3,10,16

Pollutant	Units of measure	Frequency	Sampling Method
Standing Water Level	metres (Australian Height Datum)	Continuous	Level sensor and continuous logger

POINT 13,14,15

Pollutant	Units of measure	Frequency	Sampling Method
Alkalinity (as calcium carbonate)	milligrams per litre	Special Frequency 2	Grab sample
Bicarbonate	milligrams per litre	Special Frequency 2	Grab sample
Dissolved Oxygen	milligrams per litre	Special Frequency 2	Probe
Electrical conductivity	microsiemens per centimetre	Special Frequency 2	Probe
Nitrogen (ammonia)	milligrams per litre	Special Frequency 2	Grab sample
pH	pH	Special Frequency 2	Probe
Potassium	milligrams per litre	Special Frequency 2	Grab sample
Temperature	degrees Celsius	Special Frequency 2	Probe
Total dissolved solids	milligrams per litre	Special Frequency 2	Grab sample
Total organic carbon	milligrams per litre	Special Frequency 2	Grab sample
Total suspended solids	milligrams per litre	Special Frequency 2	Grab sample

POINT 64,65,66,67

Pollutant	Units of measure	Frequency	Sampling Method
Oil and Grease	Visible	Special Frequency 3	Visual Inspection
pH	pH	Special Frequency 3	Probe
Total suspended solids	milligrams per litre	Special Frequency 3	Grab sample

M2.4 For the purposes of condition M2.2 and M2.3:

a) 'Special Frequency 1' means:

i) Quarterly; and

ii) If landfill gas levels are detected above the limits identified in Section 6.3 of the LEMP, in which case the frequency should increase in accordance with Section 6.4 of the LEMP.

b) 'Special Frequency 2' means:

i) Quarterly; and

Environment Protection Licence

Licence - 4627

- ii) Following rainfall events with more than 100 mm of rain within 24 hours.
- c) 'Special Frequency 3' means:
 - i) Less than 24 hours prior to controlled discharge; and
 - ii) daily for any controlled discharge.
- d) Special Method 1 means in accordance with the methods outlined in the LEMP.

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.

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 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.

M4 Environmental monitoring

- M4.1 The licensee must undertake noise and vibration monitoring as directed by an authorised officer of the EPA.

Where the monitoring is requested to take place on private land (for example a residential property) the licensee must request permission to access the premises in advance and keep a record of permission requests and responses. If a licensee is unable to obtain permission, the licensee must undertake the monitoring at an indicative location where possible and they must provide the response (including any nil response) to the EPA.

M5 Weather monitoring

- M5.1 The licensee must monitor daily temperature, humidity, wind velocity, atmospheric pressure and rainfall at either the premises weather station, or through analysis of equivalent weather information obtained from the Australian Bureau of Meteorology.

M6 Recording of pollution complaints

Environment Protection Licence

Licence - 4627

- M6.1 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.
- M6.2 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.
- M6.3 The record of a complaint must be kept for at least 4 years after the complaint was made.
- M6.4 The record must be produced to any authorised officer of the EPA who asks to see them.

M7 Telephone complaints line

- M7.1 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.
- M7.2 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.
- M7.3 The preceding two conditions do not apply until 3 months after: the date of the issue of this licence.

M7.4 Noise and Vibration Complaints

- a) the licensee must commence investigation of noise and vibration complaints:
 - i. within two hours of the complaint being made; or
 - ii. in accordance with any documented complaint management agreement between the licensee and the complainant.
- b) the licensee must offer to the complainant to undertake attended noise or vibration monitoring at their premises if:
 - i. any investigation referred to in this condition identifies works or activities being undertaken on the licensed premises as the likely source of the complaint; and
 - ii. the licensee is not in possession of noise monitoring data representative of the complainants location and of the subject works and activities being undertaken on the licensed premises.
- c) if the occupant of the dwelling or management personnel of a Noise Sensitive Receiver (other than a dwelling) accepts the offer of attended noise or vibration monitoring the licensee must undertake that attended monitoring:
 - i. as soon as practicable; or
 - ii. at a time agreed with the complainant.
- d) The licensee must, in respect of each complaint made, advise each complainant of the results of its investigation of their complaint and any proposed remedial action within a reasonable period of time.

Environment Protection Licence

Licence - 4627

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
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.

Environment Protection Licence

Licence - 4627

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.

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 Notification of groundwater pollution

Environment Protection Licence

Licence - 4627

In the event that statistically significant evidence of groundwater pollution is verified as per section 5.5.2.3 of the LEMP, the licensee must notify the NSW EPA as soon as practicable and in any case within 24 hours of the monitoring results becoming available. Within 14 days of this notification, the licensee must submit a report to NSW EPA detailing the nature and source of pollution and the actions put in place to prevent recurrence.

R4.2 Notification of surface water pollution

In the event that surface water monitoring or visual observations demonstrate surface water pollution, the licensee must notify the NSW EPA as soon as practicable and in any case within 24 hours. Within 14 days of this notification, the licensee must submit a report to NSW EPA detailing the nature and source of pollution and the actions put in place to prevent recurrence.

R4.3 Notification of surface landfill gas methane exceedance

The licensee must notify the NSW EPA as soon as practicable and in any case within 24 hours if methane is detected at concentrations exceeding 500ppm during landfill gas surface monitoring.

R4.4 Notification of sub-surface landfill gas methane exceedance

The licensee must notify the NSW EPA as soon as practicable and in any case within 24 hours if methane is detected above concentrations of 1.0% (v/v) during landfill gas sub-surface monitoring. Within 14 days of this notification, the licensee must submit a plan to the NSW EPA for further investigation and/or remediation of the elevated gas levels.

R4.5 Notification of landfill gas accumulation in enclosed structures

The licensee must notify the NSW EPA as soon as practicable and in any case within 24 hours if methane is detected above concentrations above 1.0% (v/v) during gas accumulation monitoring within buildings. Within 14 days of this notification, the licensee must submit a plan to the NSW EPA for further investigation and/or remediation of the elevated gas levels.

R4.6 The licensee must notify the NSW EPA as soon as practicable and in any case within 24 hours in the event that the licensee no longer has a trade waste agreement with Sydney Water or access to dispose of treated leachate to sewer.

The licensee must also advise the NSW EPA of the actions it will take to dispose of leachate in compliance with the conditions of this licence. This advice must be provided to the NSW EPA in writing within 7 days of the licensee no longer having a trade waste agreement or access to dispose of treated leachate to sewer.

R4.7 Annual Report

In addition to the provision of the annual return in condition R1, in accordance with the section 8.2 of the LEMP, the licensee must submit an Annual Report, which will include the following sections:

- a) Hydrogeological Report; and
- b) Leachate Collection Report; and
- c) Surface Water Report; and
- d) Landfill Gas Emissions Report; and
- e) Incident Report; and

Environment Protection Licence

Licence - 4627

- f) Complaints Report; and
- g) Proposed Site Operations for the following year.

R4.8 Daily Complaints Reports

- a) The licensee must submit by 2:00 pm each business day a report to the EPA that provides details of all complaints received in relation to construction activities regulated by this licence on the telephone complaints line required by Condition M7 or through any other means.
- b) The report must be provided in a format approved in writing by the EPA;
- c) If the works that are the subject of complaint have been carried out under Conditions L4.1 and L4.2 the report must include details of how the requirements of these conditions have been met.
- d) The licensee is not required to submit a report:
 - i. for any reporting period during which no complaints have been received;
 - ii. that would otherwise be required to be submitted on a Saturday, Sunday or public holiday until not later than 2.00 pm on the next following weekday that is not a public holiday.

R4.9 Noise and Vibration Reports

- a) Upon request of an authorised officer, the licensee must submit a Preliminary Investigation Report to the EPA in respect of any noise or vibration monitoring undertaken in accordance with the requirements of Conditions M4.
- b) The Preliminary Investigation Report must be submitted to the EPA by 4:30 pm on the afternoon of the next working day following any noise or vibration monitoring.
- c) The Preliminary Investigation Report must include:
 - i. numerical and/or graphical representation of the noise and vibration monitoring results including both ambient noise levels and the level of noise from construction activities on the premises only; and
 - ii. the noise levels reported using the following noise descriptors: LAeq,T; LAF90,T; and LAFmax,T (T representing the 15 minute measurement period unless an alternative period is justified); and
 - iii. an assessment of measured construction noise levels against noise limits and noise management levels specified in this licence, requirements in a relevant planning approval for the subject activities (including Construction Noise and Vibration Management Plans and Impact Statements under the planning approval), relevant noise modelling and any relevant noise guidelines.

7 General Conditions

G1 Copy of licence kept at the premises or plant

- G1.1 A copy of this licence must be kept at the premises to which the licence applies.
- G1.2 The licence must be produced to any authorised officer of the EPA who asks to see it.
- G1.3 The licence must be available for inspection by any employee or agent of the licensee working at the premises.

G2 Contact number for incidents and responsible employees

- G2.1 The licensee must provide the EPA with up to date contact details to enable the EPA:
 - a) to contact either the licensee or a representative of the licensee who can respond at all times to incidents relating to the premises; and

Environment Protection Licence

Licence - 4627

- b) to contact the licensee's senior employees or agents authorised at all times to:
 - i) speak on behalf of the licensee; and
 - ii) provide any information or document required under licence.

G2.2 The contact details required by Condition G2.1 above must include:

- a) the full name and title of the authorised representatives and the scope of their respective authorisations; and
- b) the direct telephone number, mobile number, pager number, fax number, email address and postal address for contacting each authorised representative.

8 Pollution Studies and Reduction Programs

U1 Use of Site Auditor

- U1.1 The licensee must engage a NSW EPA accredited Site Auditor throughout the duration of works required under the LEMP and LMCP, to review any reports on hazardous ground gases and contaminated land matters which are submitted to the EPA.
- U1.2 For any report on hazardous ground gases and contaminated land matters, the licensee must submit to the EPA an interim audit advice from the Site Auditor commenting on the appropriateness of the report/s.
- U1.3 Before the licence can be surrendered to the EPA, the licensee must submit to the EPA a Section B Site Audit Statement certifying that the nature and extent of contamination has been determined and that the requirements of the LCMP have been fulfilled to ensure that there will be no unacceptable risks to human health and environment.

U2 Hazardous Ground Gases Risk Assessment (HGGRA) Implementation Program

U2.1 Objectives

The licensee is required to implement the additional works, controls and mitigation measures identified in sections 10 and 11 of the "M8 St Peters Interchange Hazardous Ground Gases Risk Assessment" (HGGRA), dated 10 March 2022, prepared by Golder Associates Pty Ltd (EPA DOC22/239737), as detailed in U2.1 to U2.9.

The objective of this Pollution Reduction Program is to ensure that the risk mitigation measures identified in the HGGRA are implemented in a timely and effective manner.

U2.2 Passive Gas Collection System (PGCS)

- a) The licensee must install all components of the PGCS, as shown in the design specifications, by 30 June 2023 (design specifications M5N-GOL-DWG-900-116-EV-0022, dated 3 July 2020, Golder) or an alternate design solution approved by the EPA Accredited Site Auditor and the EPA.
- b) The licensee must engage an independent certifier or equivalently qualified professional to conduct inspections of the relevant components of the PGCS, as detailed in section 10.2 of the HGGRA, to ensure the

Environment Protection Licence

Licence - 4627

PGCS is installed in accordance with the design specifications or the alternate design solution approved by the EPA Accredited Site Auditor and the EPA.

c) The licensee must install any additional necessary components as identified in U2.2a) and U2.2b) and as identified by an independent certifier or equivalently qualified professional, as per U2.2b), and by the EPA Accredited Site Auditor, to ensure that the PGCS meets the relevant design specifications. A program of the installation works, approved by the Site Auditor, must be provided to the EPA by 3 September 2024. This program will include the required steps and milestone dates for the installation of all additional necessary components to ensure that the PGCS meets the relevant design specifications. The final installation of these components must be completed by 30 June 2025.

d) The licensee must conduct monitoring on at least a quarterly basis at both the existing and newly installed components of the PGCS to verify that the PGCS is working and establish whether the completion of the system has altered the distribution of gas observed in the vents.

e) The licensee must prepare a report documenting the outcomes of the investigations and works under conditions U2.2a), U2.2b) and U2.2c). This report must be reviewed by the EPA Accredited Site Auditor who must provide interim site auditor advice to verify works have been completed and verify that the PGCS is suitable to manage risks identified in the HGGRA by 30 September 2025.

U2.3 Additional M8 Sub-surface Gas Wells

a) The licensee must install five additional sub-surface gas wells to complement the perimeter gas network, in accordance with section 10.3.1 of the HGGRA, by 14 October 2022.

b) The licensee must monitor the wells installed in accordance with condition U2.3a) on a fortnightly basis for a minimum of six rounds. This monitoring must be conducted in accordance with the NSW EPA Assessment and Management of Hazardous Ground Gases (2020).

c) Following the completion of the monitoring in accordance with condition U2.3b), the licensee must continue undertaking monitoring of the five additional wells on a quarterly basis.

U2.4 Additional Stage 3A Sub-surface Gas Wells

a) The licensee must install at least two additional sub-surface gas wells in the 'Stage 3A' area. The locations of these wells must be approved by the EPA Accredited Site Auditor, in accordance with section 10.6 of the HGGRA, by 31 December 2022.

b) The licensee must monitor the wells installed in accordance with condition U2.4a) on a fortnightly basis for a minimum of 6 rounds. This monitoring must be conducted in accordance with the NSW EPA Assessment and Management of Hazardous Ground Gases (2020).

Note: The 'Stage 3A' area refers to the C10 site identified in the EPL 21149 premises maps (WestConnex M4-M5 Link Tunnels Premise Boundary Maps version 13, approved on 26 March 2020 (EPA DOC20/260826)).

U2.5 Basal Passive Gas Collection System (BPGCS)

a) The licensee must design and install a passive gas pipe connection from LDS-GM-028 to the T2 BPGCS. A design for this connection and a schedule for the works, both approved by the Site Auditor, must be provided to the EPA by 30 November 2024 and installation of this connection must be completed by 30 June 2025.

b) The licensee must undertake quarterly validation monitoring at all T2 BPGCS vents, in addition to the

Environment Protection Licence

Licence - 4627

requirements outlined in condition M2.2, to verify any changes in concentrations and flows that may indicate effectiveness of the works undertaken in accordance with condition U2.5a).

c) The licensee must submit a report to the EPA by 30 June 2026, commenting on the effectiveness of the works undertaken in U2.5a) by assessing the results of the quarterly monitoring undertaken at LDS-GM-028, LDS-GM-029, and the T2 BPGCS.

U2.6 Utilities Investigation and Sealing

a) The licensee must undertake investigations in accordance with section 10.4 of the HGGRA to identify utilities within future or current public access areas (including the Northern Share Path and MOC 4 surrounds) that may be acting as preferential pathways for gas migration.

b) The licensee must complete works to seal any areas identified under condition U2.6a) within two months of becoming aware of the preferential pathways.

U2.7 MOC4 Alarm Installation

a) The licensee must install gas detection alarms and at least one remote sampling port to allow for monitoring of the air quality in the MOC 4 basement level, in accordance with section 10.4 of the HGGRA, by 14 October 2022.

U2.8 RW101A rectification works

a) The licensee must rectify the landfill capping for the RW101A area in accordance with section 10.3.2 of the HGGRA, the NSW EPA Environmental Guidelines: Solid Waste Landfills (second edition, 2016), and the design specifications outlined in "Technical Report: St Peters Interchange – Landfill Closure Management Plan LCMP" prepared by Golders Associates, dated 4 August 2017, ref: EPA DOC20/476070-3. A design for these rectification works and a schedule for the works, both approved by the Site Auditor, must be provided to the EPA by 30 March 2025. The rectification works referred to in this condition must be completed by 30 October 2025.

U2.9 Vertical Barrier Wall Performance Wells

a) The licensee must conduct an investigation to confirm the status of all Vertical Barrier Wall paired wells identified in section 10.3.4 of the HGGRA and confirm that each well is accessible and in good condition by 31 December 2022.

b) The licensee must repair or replace any damaged wells identified under condition U2.9a) within two months or as soon as practicable upon becoming aware of their status.

c) The licensee must conduct quarterly monitoring of water levels at the Vertical Barrier Wall paired wells. This monitoring must commence by 30 May 2022.

d) The licensee must provide a submit a report to the EPA that has been reviewed by the EPA Accredited Site Auditor, who must provide interim site auditor advice referring to data collected in accordance with condition U2.9c) and which verifies that the Vertical Barrier Wall is functioning by 31 December 2023.

9 Special Conditions

E1 Definitions

E1.1 Special Dictionary



Environment Protection Licence

Licence - 4627

Term	Meaning
Project Website	means a website that is under the control of the licensee and which is easily available for viewing by the community
Leachate	means (1) Water which has come into contact with waste (other than inert waste); and/or the area where waste is exhumed or exhumed waste is stored; and (2) Liquid removed from the leachate collection system on the premises.; and (3) that has been treated in the leachate pre-treatment facility on the premises required under a Sydney Water Trade Waste Agreement.
Sensitive Receiver	Land uses that are sensitive to noise or vibration, such as residential areas, churches, schools and recreation areas.
Landfill Environment Monitoring Plan (LEMP)	means "Alexandria Landfill Closure – Landfill Environmental Management Plan" dated 25 June 2020 and prepared by Golder.
Landfill Closure Management Plan (LCMP)	means "St Peters Interchange – Landfill Closure Management Plan" dated 4 August 2017 and prepared by Golders Associates.
Hazardous Ground Gases Risk Assessment (HGGRA)	means the document "M8 St Peters Interchange Hazardous Ground Gases Risk Assessment" (HGGRA), dated 10 March 2022, prepared by Golder Associates Pty Ltd (EPA DOC22/239737)

E2 Voluntary Environmental Audit

- E2.1 The licensee has agreed to engage an environmental auditor, or team of auditors, to undertake a voluntary environmental audit ("the Audit") in relation to the premises and the activities carried out at the premises. The engagement of an environmental auditor, or team of auditors will:
a) Examine the systems, procedures and control measures that the licensee has in place to ensure that any activities performed at the site are undertaken in accordance with Environmental Protection Licence 4627, the LEMP and LCMP;
b) Examine the systems, procedures and control measures that the licensee has in place to ensure it can reliably and robustly comply with the Protection of the Environment Operations Act 1997 (the Act);
c) Examine the accuracy and completeness of the sites monitoring data collected in accordance with EPL 4627, the LEMP, the LCMP and the Act;
d) Identify any deficiencies in the systems and procedures referred to above at a), b) and c); and
e) Identify measures that, so far as reasonably practicable, could be implemented or installed to ensure compliance with the EPL 4627, LEMP, the LCMP and the Act. This must include an appropriate potential implementation timeframe for each measure identified.
- E2.2 Prior to the surrender of EPL 4627, the licensee must submit to the EPA a final Audit Report, being a report prepared by the auditor or team of auditors covering all the matters described in Condition E1.1.
- E2.3 The licensee must also submit a summary of the Audit, including any conclusions or recommendations, in electronic format.
- E2.4 Proposed Implementation of Recommendations of Voluntary Environmental Audit

The licensee must submit to the EPA an Audit Implementation Proposal Report by no later than two calendar

Environment Protection Licence

Licence - 4627

months after receipt of EPA's comments on the final Audit report.

The Audit Implementation Proposal Report must:

- a) Identify what actions the licensee proposes to take in response to the Audit Report;
- b) Propose a timeframe for these actions; and
- c) Provide an explanation for the licensee's proposals where there is any variance from the recommendations in the Audit Report.

Note: Implementation of any actions identified in the Audit Implementation Proposal Report will be required via a further and subsequent licence variation once the Audit Implementation Proposal Report has been submitted to and accepted by the EPA.



Environment Protection Licence

Licence - 4627

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 - 4627

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 - 4627

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 Bernie Weir

Environment Protection Authority

(By Delegation)

Date of this edition: 15-January-2001

Environment Protection Licence

Licence - 4627

End Notes

- 1 Licence transferred through application 140516, approved on 18-Jun-2001, which came into effect on 01-Dec-2000.
- 2 Licence varied by change to Common Name field, issued on 16-Jan-2002, which came into effect on 16-Jan-2002.
- 3 Licence transferred through application 140976, approved on 25-Jan-2002, which came into effect on 23-Jan-2002.
- 4 Licence varied by correction of File Number , issued on 04-Apr-2002, which came into effect on 04-Apr-2002.
- 5 Licence varied by notice 1024148, issued on 07-Jan-2003, which came into effect on 07-Jan-2003.
- 6 Licence varied by notice 1028703, issued on 04-Jul-2003, which came into effect on 29-Jul-2003.
- 7 Licence varied by notice 1040317, issued on 02-Sep-2004, which came into effect on 27-Sep-2004.
- 8 Licence varied by notice 1041133, issued on 29-Sep-2004, which came into effect on 24-Oct-2004.
- 9 Licence varied by notice 1042998, issued on 30-Sep-2005, which came into effect on 04-Oct-2005.
- 10 Licence varied by notice 1057971, issued on 31-Mar-2006, which came into effect on 25-Apr-2006.
- 11 Licence varied by notice 1061862, issued on 02-Nov-2006, which came into effect on 02-Nov-2006.
- 12 Licence varied by notice 1067504, issued on 04-Dec-2006, which came into effect on 04-Dec-2006.
- 13 Licence varied by notice 1068196, issued on 21-Jun-2007, which came into effect on 21-Jun-2007.
- 14 Licence varied by notice 1093194, issued on 31-Oct-2008, which came into effect on 31-Oct-2008.
- 15 Condition A1.3 Not applicable varied by notice issued on <issue date> which came into effect on <effective date>
- 16 Licence varied by notice 1099148, issued on 30-Mar-2009, which came into effect on 30-Mar-2009.
- 17 Licence varied by Correction to EPA Region data record., issued on 25-Jun-2010, which came into effect on 25-Jun-2010.
- 18 Licence varied by correction to DECCW Region data record, issued on 07-Jul-2010, which came into effect on 07-Jul-2010.

Environment Protection Licence

Licence - 4627

19	Licence varied by notice	1507165 issued on 03-Aug-2012
20	Licence transferred through application 1529361 approved on 23-Mar-2015 , which came into effect on 23-Mar-2015	
21	Licence transferred through application 1535067 approved on 27-Oct-2015 , which came into effect on 14-Oct-2015	
22	Licence varied by notice	1535597 issued on 27-Apr-2016
23	Licence varied by notice	1540748 issued on 20-May-2016
24	Licence transferred through application 1541481 approved on 17-Jun-2016 , which came into effect on 20-Jun-2016	
25	Licence varied by notice	1545898 issued on 26-Oct-2016
26	Licence varied by notice	1549125 issued on 08-Feb-2017
27	Licence varied by notice	1550068 issued on 16-Mar-2017
28	Licence varied by notice	1550780 issued on 31-Mar-2017
29	Licence varied by notice	1551203 issued on 13-Apr-2017
30	Licence varied by notice	1552047 issued on 17-May-2017
31	Licence varied by notice	1552509 issued on 26-May-2017
32	Licence varied by notice	1552538 issued on 26-May-2017
33	Licence varied by notice	1552934 issued on 14-Jun-2017
34	Licence varied by notice	1555235 issued on 25-Aug-2017
35	Licence varied by notice	1560076 issued on 12-Jan-2018
36	Licence varied by notice	1564521 issued on 05-Jun-2018
37	Licence varied by notice	1567566 issued on 14-Aug-2018
38	Licence varied by notice	1571099 issued on 06-Sep-2019
39	Licence varied by notice	1597180 issued on 13-Aug-2020
40	Licence transferred through application 1598887 approved on 14-Aug-2020 , which came into effect on 14-Aug-2020	
41	Licence format updated on 06-May-2021	
42	Licence varied by notice	1609171 issued on 28-May-2021
43	Licence varied by notice	1616748 issued on 25-Feb-2022
44	Licence varied by notice	1619538 issued on 09-Aug-2022
45	Licence varied by notice	1623410 issued on 11-Oct-2022



Environment Protection Licence

Licence - 4627

46	Licence varied by notice	1625236 issued on 16-Dec-2022
47	Licence varied by notice	1629997 issued on 30-Jun-2023
48	Licence varied by notice	1630701 issued on 13-Jul-2023
49	Licence varied by notice	1633313 issued on 28-Sep-2023
50	Licence varied by notice	1635102 issued on 30-Nov-2023