

# Licence Variation

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Licence - 4627

CPB CONTRACTORS PTY LIMITED  
ABN 98 000 893 667 ACN 000 893 667  
PO BOX 6120  
ALEXANDRIA NSW 2015

Attention: Craig Gibson

Notice Number      1597180  
File Number        EF16/6319  
Date                 13-Aug-2020

## NOTICE OF VARIATION OF LICENCE NO. 4627

### BACKGROUND

- A. CPB CONTRACTORS PTY LIMITED ("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 16-Jun-2020 the Environment Protection Authority (EPA) received an application for the variation of the licence.
- C. The licensee requested the variation to amend and/or remove conditions associated with construction works, for the licence to be relevant to post-construction works only, due to construction works being completed, and to enable the licence transfer to Transport for NSW (TfNSW).
- D. The EPA requested additional information from the licensee on 19 June 2020 and further supplementary information on several occasions in June and July 2020.
- E. The EPA advised the licensee that some conditions could not be removed or amended, as requested in the variation application, until supporting information and/or justification could satisfy the EPA obligation to consider matters under s45 of the Act.
- F. The licensee submitted requested information, if it was available, in June and July 2020; where information was not available at the time of request, the licensee provided dates declaring when it would become available to the EPA.
- G. The EPA considered the information submitted by the licensee and, where appropriate, removed or amended conditions to be applicable to post-construction works only and aligned with the requirements of the Landfill Environmental Management Plan, dated 25 June 2020.

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- H. The EPA informed the licensee and TfNSW about conditions that must remain on the licence until supplementary information could be provided that would satisfy the EPA obligations under s45 of the Act, particularly those relating to waste or landfill management.
- I. The EPA has added several conditions to the licence to address ongoing environmental risks and impacts, as necessary.
- J. The EPA has also made several administrative changes to the licence such as updating the premises name, the EPA region and address, relevant reference documents and condition reference numbers.
- K. The EPA has taken the matters listed under s45 of the Act into account when drafting this Notice.

## 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:

Note: Condition numbers for existing conditions may have changed due to the amendments to the Licence.

- Amend "Premises" name:
  - Remove "New M5 St Peters Interchange"
  - Add "M8 St Peters Interchange"
- Amend "Region" to reflect restructure of EPA:
  - Remove "Metropolitan Infrastructure Level 13, 10 Valentine Ave"
  - Remove "PO Box 668"
  - Add "Metropolitan South – Sydney 4 Parramatta Square, 12 Darcy Street"
  - Add "Locked Bag 5022"
- Amend provisions for Condition A1.1 (scheduled activity table):
  - Remove "Crushing, grinding or separating, > 100000 - 500000 T annual processing capacity"
  - Add "Road Construction (<50,000T)"
- Amend provisions for Condition A2.1 (premises details):
  - Amend "Lot and Address details"
- Amend Condition A3.2:
  - Amended to remove references to documents that are no longer valid for current licence and include new relevant documents.
- Amend Condition P1.2 (water and land table):
  - Amended to align with groundwater and surface water monitoring requirements in the Landfill Environmental Management Plan (25 June 2020, Golder)"

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- Amend Condition P1.3 (air table):
  - Amended to align with gas monitoring requirements in the Landfill Environmental Management Plan (25 June 2020, Golder)”
- Remove Conditions P1.4 and P1.5 – relating to notification and provision of a schedule for construction water discharge points and temporary sediment basins - no longer applicable
- Remove Conditions L2.1, L2.2, L2.3, L2.4, L2.5, L2.6 and L2.7 – relating to concentration limits for construction water discharge points - no longer applicable
- Remove Condition L3.2 – relating to implementation of feasible noise and vibration mitigation and management measures during construction work - no longer applicable
- Amend Condition L4.1 (hours of operation):
  - Amended to align with hours of operation for maintenance of landfill infrastructure nominated in the Landfill Environmental Management Plan (25 June 2020, Golder)”
- Remove Conditions L4.2, L4.3, L4.4, L4.5, L4.6, L4.7, L4.8, L4.9, L4.10, L4.12, L4.13, L4.14 – relating to requirements when undertaking works outside of standard construction hours - no longer applicable
- Remove Conditions O3.1, O3.2, O3.3 – relating to trucks covering loads, dust and sediment tracking - no longer applicable
- Add Condition O4.6 – relating to operation and maintenance of landfill gas field infrastructure
- Remove Condition O5.1 – relating to licensee controlling entry to the premises - no longer applicable
- Amend Condition O5.3 (Erosion and Sediment Control requirements):
  - Amended to include reference to operating erosion and sediment controls in accordance with Waste Landfill guidelines.
- Remove Conditions O5.4 and O5.5 – relating to requirements relating to sediment basin construction and sampling - no longer applicable
- Amend Condition O5.6 (reuse of captured stormwater):
  - Amended to refer to reuse of captured stormwater, only if appropriate
- Remove Condition O5.7 – relating to requirements to install sediment basins prior to clearing and grubbing - no longer applicable
- Amend Condition O5.8 (inspection of erosion and sediment controls):
  - Amended to align with landfill surface and sediment control inspection requirements described in the Landfill Environmental Management Plan (25 June 2020, Golder)”
- Remove Condition O5.10 – relating to community engagement requirements during construction activities - no longer applicable

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- Remove Condition O6.2 – relating to waste covering requirements and management actions during construction - no longer applicable
- Amend Condition O6.3 (lawful leachate disposal):
  - Amended to specify that leachate can only be pumped to sewer through mechanisms of a trade waste agreement
- Remove Condition O6.4 – relating to management of exhumed or uncovered waste - no longer applicable
- Remove Condition O6.5 – relating to requirement that leachate not be reused in the truck wash facility - no longer applicable
- Amend Condition O6.6 (reuse of leachate for irrigation and dust control):
  - Amended to remove dust control reference as site is ground-covered
- Remove Condition O6.7 – relating to requirement that leachate must be prevented from pooling on the surface - no longer applicable
- Amend Condition O6.8 (requirements for leachate found on surface):
  - Amended to align with requirements of managing leachate identified in the cap surface described in the Landfill Environmental Management Plan (25 June 2020, Golder)”
- Remove Condition O6.14 – relating to installation of vertical barrier wall - complete and no longer applicable
- Remove Condition O6.18 – relating to installation of 40 gas monitoring wells in accordance with Landfill Closure Management Plan - complete and no longer applicable
- Remove Condition O6.19 – relating to installation of 11 groundwater monitoring wells and collection sumps in accordance with the Landfill Closure Management Plan - complete and no longer applicable
- Amend Condition O6.20 (provision of Construction Quality Assurance Report and plans within 3 months following practical completion of closure works):
  - Amended to specify due date for Construction Quality Assurance Report and plans as no later than 5 October 2020
- Amend Condition M2.2 (air monitoring requirements table):
  - Amended to align with gas monitoring requirements in the Landfill Environmental Management Plan (25 June 2020, Golder)”
- Amend Condition M2.3 (water monitoring requirements table):
  - Amended to align with surface and groundwater monitoring requirements in the Landfill Environmental Management Plan (25 June 2020, Golder)”

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- Amend Condition M2.4 (definitions of phrases used in Condition M2.2 and M2.3):
  - Amended to align with tables in Condition M2.2 and M2.3 and monitoring requirements in the Landfill Environmental Management Plan (25 June 2020, Golder)”
- Remove Conditions M4.1, M4.2 and M4.3 – relating to noise and vibration monitoring requirements - no longer applicable
- Add condition M4.1 – relating to requirement to undertake weather monitoring
- Amend Condition M6.5 (Daily Complaints Reports):
  - Amended to align with Condition M6.1 and complaint reporting requirements in the Landfill Environmental Management Plan (25 June 2020, Golder)”
- Remove Condition M7.4 – relating to noise and vibration complaints investigation during construction - no longer applicable
- Remove Condition R4.1 – relating to reporting on outcomes of noise and vibration investigations during construction - no longer applicable
- Add Condition R4.1 – relating to notification of groundwater contamination
- Add Condition R4.2 – relating to notification of surface water contamination
- Add Condition R4.3 – relating to notification of surface landfill gas methane exceedances
- Add Condition R4.4 – relating to notification of sub-surface landfill gas methane exceedance
- Add Condition R4.5 – relating to notification of landfill gas accumulation in enclosed structures
- Add Condition R4.6 – relating to notification in the event that the premises trade waste agreement is no longer in force
- Add Condition R4.7 – relating to provision of Annual Report in addition to Annual Return

A handwritten signature in blue ink, appearing to read 'Aleksandra'.

.....  
**Aleksandra Kielkiewicz-Young**  
**Unit Head**  
**Regulatory Operations Metro South**  
(by Delegation)

## INFORMATION ABOUT THIS NOTICE

# Licence Variation

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

## **Appeals against this decision**

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

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

- The variations to the licence specified in this notice begin to operate immediately from the date of this notice, unless another date is specified in this notice.
- If an appeal is made against this decision to vary the licence and the Land and Environment Court directs that the decision is stayed the decision does not operate until the stay ceases to have effect or the Land and Environment Court confirms the decision or the appeal is withdrawn (whichever occurs first).



# Environment Protection Licence

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Licence Details	
Number:	4627
Anniversary Date:	01-December

Licensee
CPB CONTRACTORS PTY LIMITED
PO BOX 6120
ALEXANDRIA NSW 2015

Premises
M8 ST PETERS INTERCHANGE
10-16 ALBERT STREET
ST PETERS NSW 2044

Scheduled Activity
Road construction

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

Region
Metropolitan South - Sydney
4 Parramatta Square, 12 Darcy Street
PARRAMATTA NSW 2150
Phone: (02) 9995 5000
Fax: (02) 9995 6900
Locked Bag 5022
PARRAMATTA NSW 2124

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## Information about this licence

### Dictionary

A definition of terms used in the licence can be found in the dictionary at the end of this licence.

### Responsibilities of licensee

Separate to the requirements of this licence, general obligations of licensees are set out in the Protection of the Environment Operations Act 1997 ("the Act") and the Regulations made under the Act. These include obligations to:

- ensure persons associated with you comply with this licence, as set out in section 64 of the Act;
- control the pollution of waters and the pollution of air (see for example sections 120 - 132 of the Act);
- report incidents causing or threatening material environmental harm to the environment, as set out in Part 5.7 of the Act.

### Variation of licence conditions

The licence holder can apply to vary the conditions of this licence. An application form for this purpose is available from the EPA.

The EPA may also vary the conditions of the licence at any time by written notice without an application being made.

Where a licence has been granted in relation to development which was assessed under the Environmental Planning and Assessment Act 1979 in accordance with the procedures applying to integrated development, the EPA may not impose conditions which are inconsistent with the development consent conditions until the licence is first reviewed under Part 3.6 of the Act.

### Duration of licence

This licence will remain in force until the licence is surrendered by the licence holder or until it is suspended or revoked by the EPA or the Minister. A licence may only be surrendered with the written approval of the EPA.

### Licence review

The Act requires that the EPA review your licence at least every 5 years after the issue of the licence, as set out in Part 3.6 and Schedule 5 of the Act. You will receive advance notice of the licence review.

### Fees and annual return to be sent to the EPA

For each licence fee period you must pay:

- an administrative fee; and
- a load-based fee (if applicable).

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The EPA publication “A Guide to Licensing” contains information about how to calculate your licence fees. The licence requires that an Annual Return, comprising a Statement of Compliance and a summary of any monitoring required by the licence (including the recording of complaints), be submitted to the EPA. The Annual Return must be submitted within 60 days after the end of each reporting period. See condition R1 regarding the Annual Return reporting requirements.

Usually the licence fee period is the same as the reporting period.

### Transfer of licence

The licence holder can apply to transfer the licence to another person. An application form for this purpose is available from the EPA.

### Public register and access to monitoring data

Part 9.5 of the Act requires the EPA to keep a public register of details and decisions of the EPA in relation to, for example:

- licence applications;
- licence conditions and variations;
- statements of compliance;
- load based licensing information; and
- load reduction agreements.

Under s320 of the Act application can be made to the EPA for access to monitoring data which has been submitted to the EPA by licensees.

### This licence is issued to:

CPB CONTRACTORS PTY LIMITED
PO BOX 6120
ALEXANDRIA NSW 2015

subject to the conditions which follow.

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## 1 Administrative Conditions

### A1 What the licence authorises and regulates

- A1.1 This licence authorises the carrying out of the scheduled activities listed below at the premises specified in A2. The activities are listed according to their scheduled activity classification, fee-based activity classification and the scale of the operation.

Unless otherwise further restricted by a condition of this licence, the scale at which the activity is carried out must not exceed the maximum scale specified in this condition.

Scheduled Activity	Fee Based Activity	Scale
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

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- A3.1 Works and activities must be carried out in accordance with the proposal contained in the licence application, except as expressly provided by a condition of this licence.

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

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

- A3.2 The 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-000 4", version sent to EPA on 01/07/2020. EPA Ref: DOC20/520701

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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-000 4", version sent to EPA on 01/07/2020. EPA Ref: DOC20/520701
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-000 4", 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-000 4", 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-000 4", 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-000 4", 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-000 4", version sent to EPA on 01/07/2020. EPA Ref: DOC20/520701

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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-000 4", 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-000 4", version sent to EPA on 01/07/2020. EPA Ref: DOC20/520701
11	Groundwater Quality Monitoring	Groundwater monitoring point labelled as "WCX_BH157A" on Map showing monitoring points. Map reference: "M5N-GOL-DWG-900-300-EV-000 4", 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-000 4", 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-000 4", 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-000 4", 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-000 4", version sent to EPA on 01/07/2020. EPA Ref: DOC20/520701

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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
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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.

<i>Air</i>			
EPA identification 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-10329" 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
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
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-002a" 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



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24	Landfill Gas Monitoring	Gas Monitoring point labelled as "LDS-GM-003a" 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
25	Landfill Gas Monitoring	Gas Monitoring point labelled as "LDS-GM-003b" 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
26	Landfill Gas Monitoring	Gas Monitoring point labelled as "LDS-GM-004" 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
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
28	Landfill Gas Monitoring	Gas Monitoring point labelled as "LDS-GM-006a" 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
29	Landfill Gas Monitoring	Gas Monitoring point labelled as "LDS-GM-006b" 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
30	Landfill Gas Monitoring	Gas Monitoring point labelled as "LDS-GM-007a" 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-007b" 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
32	Landfill Gas Monitoring	Gas Monitoring point labelled as "LDS-GM-008a" 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
33	Landfill Gas Monitoring	Gas Monitoring point labelled as "LDS-GM-008b" on Map showing monitoring points. Map reference: "M5N-GOL-DG-900-300-EV-0004", version sent to EPA on 01/07/2020. EPA Ref: DOC20/520701

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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
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
41	Landfill Gas Monitoring	Gas Monitoring point labelled as "LDS-GM-013" 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

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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
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

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54	Landfill Gas Monitoring	Gas Monitoring point labelled as "LDS-GM-025" 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
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

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## 3 Limit Conditions

### L1 Pollution of waters

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

### L2 Noise limits

- L2.1 All works and activities must be undertaken in a manner that will minimise noise and vibration impacts on sensitive receivers.

### L3 Hours of operation

- L3.1 The hours of operation for maintenance of the landfill infrastructure premises that has the potential to disrupt the amenity of nearby residents is:
- a) restricted to between the hours of 7:00 am and 6:00 pm Monday to Friday;
  - b) restricted to between the hours of 7:30 am and 4:00 pm Saturday; and
  - c) not to be undertaken on Sundays or Public Holidays.
- L3.2 The licensee may undertake works outside of standard construction hours if:
- a) 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; or
  - b) emergency work is required to avoid the loss of lives or property, or to prevent environmental harm.

### L4 Potentially offensive odour

- L4.1 No condition of this licence identifies a potentially offensive odour for the purposes of section 129 of the Protection of the Environment Operations Act 1997.

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

## 4 Operating Conditions

### O1 Activities must be carried out in a competent manner

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

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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 Emergency response

- O3.1 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 Operations (Waste) Regulation 2014.

- O3.2 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.
- O3.3 The licensee must extinguish fires at the premises as soon as possible.

## O4 Processes and management

- O4.1 The premises must be maintained in a condition which prevents the pollutants entering the stormwater system.
- O4.2 All erosion and sediment controls must be designed (stability, location, type and size), constructed, operated and maintained in accordance with the following guidelines:
- a) "Environmental Guidelines Solid Waste Landfills. Second Edition" NSW EPA 2016;
  - b) "Department of Environment and Climate Change NSW, Soils and Construction – Managing Urban Stormwater, Volume 2B, Waste Landfills" DECC 2008;
  - c) "Managing Urban Stormwater – Soils and Construction, Volume 2D, Main road construction" DECC 2008; and
  - d) Volume 1 of "Managing urban stormwater: soils and construction" Landcom 2006.
- O4.3 The licensee must endeavour to maximise the reuse of captured stormwater on the premises, if appropriate.
- O4.4 The licensee must inspect the condition of the surface of the landfill cover and the operation of all sediment control structures installed on the premises as referenced in section 5.4.1.5 of the LEMP and undertake any works required to repair and/or maintain these controls:
- a) on a quarterly basis; and
  - b) following periods of rainfall that causes runoff to occur.

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O4.5 The licensee must record all such inspections, including observations and works undertaken to repair and/or maintain soil and water management works.

O4.6 The landfill gas management infrastructure must be maintained and operating at all times.

## O5 Waste management

O5.1 There must be no incineration or burning of any waste at the premises.

O5.2 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.

O5.3 Landfill leachate must not be irrigated at the premises.

O5.4 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.

O5.5 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.

O5.6 Condition O5.5 does not apply to works undertaken for the construction of sumps or other infrastructure necessary to dewater leachate and for installation of piles.

### Landfill Closure

O5.7 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<sup>-9</sup> meters per second or a geosynthetic clay liner and a 200 mm thick clay layer with a maximum permeability of 10<sup>-9</sup> meters per second;
- c) 400mm thick subsoil layer; and
- d) 100 mm thick topsoil layer.

O5.8 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.

O5.9 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



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collection drains.

O5.10 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.

O5.11 Any subsequent detailed leachate management design reports must be submitted to the EPA.

O5.12 Landfill gas management 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.

O5.13 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.

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



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**POINT 17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62**

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

## M2.3 Water and/ or Land Monitoring Requirements

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

Pollutant	Units of measure	Frequency	Sampling Method
Alkalinity (as calcium carbonate)	milligrams per litre	Quarterly	Grab sample
Aluminium	milligrams per litre	Yearly	Grab sample
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

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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
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

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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

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

ii) Following rainfall events with more than 100 mm of rain within 24 hours.

c) 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 2010* requires testing for certain purposes to be conducted in accordance with test methods contained in the publication "Approved Methods for the Sampling and Analysis of Air Pollutants in NSW".

M3.2 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 Weather monitoring

M4.1 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.

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## **M5 Recording of pollution complaints**

- M5.1 The licensee must keep a legible record of all complaints made to the licensee or any employee or agent of the licensee in relation to pollution arising from any activity to which this licence applies.
- M5.2 The record must include details of the following:
- 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.
- M5.3 The record of a complaint must be kept for at least 4 years after the complaint was made.
- M5.4 The record must be produced to any authorised officer of the EPA who asks to see them.
- M5.5 Monthly Complaint Reports
- a) The licensee must submit, by 2:00 pm on the last weekday of each month, a report to the EPA that provides details of all complaints received in relation to odour or pollution through the telephone complaints line required by Condition M6.1. The licensee is not required to submit a report on a Saturday, Sunday or public holiday until 2:00 pm on the following weekday that is not a public holiday. The licensee is not required to submit a report for any monthly reporting period during which no complaints were received; and
  - b) The report must:
    - i) be submitted to the email address nominated by the EPA;
    - ii) include a unique identifier number for each complaint;
    - iii) the details required by condition M5.2;
    - iv) include the date and time, as reported by the complainant, of the event the subject of the complaint; and
    - v) include an outline of the work or activity the subject of the complaint.

## **M6 Telephone complaints line**

- M6.1 The licensee must operate during its operating hours a telephone complaints line for the purpose of receiving any complaints from members of the public in relation to activities conducted at the premises or by the vehicle or mobile plant, unless otherwise specified in the licence.
- M6.2 The licensee must notify the public of the complaints line telephone number and the fact that it is a complaints line so that the impacted community knows how to make a complaint.
- M6.3 The preceding two conditions do not apply until 3 months after: the date of the issue of this licence.

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## 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.

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## **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 the incident occurred.

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

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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





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- d) Landfill Gas Emissions Report; and
- e) Incident Report; and
- f) Complaints Report; and
- g) Proposed Site Operations for the following year.

## 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
  - 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 Special Conditions

### E1 Definitions

- E1.1 Special Dictionary

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



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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.

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## Dictionary

### General Dictionary

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

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

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

Mr Bernie Weir

Environment Protection Authority

(By Delegation)

Date of this edition: 15-January-2001

# Environment Protection Licence

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## 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.

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18	Licence varied by correction to DECCW Region data record, issued on 07-Jul-2010, which came into effect on 07-Jul-2010.
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