



<b>licence number</b>	L6764/1997/14	
<b>Licence holder</b>	Brajkovich Landfill & Recycling (Malaga) Pty Ltd	
<b>ACN</b>	658 651 337	
<b>Registered business address</b>	501 Alexander Drive MALAGA WA 6061	
<b>DWER file number</b>	2011/000652	
<b>Duration</b>	10/07/2012 to	09/07/2032
<b>Date of issue</b>	29/03/2012	
<b>Date of transfer</b>	16/11/2023	
<b>Premises details</b>	Brajkovich Landfill & Recycling (Malaga) Pty Ltd 501 Alexander Drive MIRRABOOKA WA 6061  Legal description - Lot 821 on Deposited Plan 404602 and Part Lot 802 on Deposited Plan 424564 Certificate of Title Volume 2941 Folio 372; and Certificate of Title Volume 4040 Folio 768  As defined by Figure 1 in Schedule 1 and the coordinates in Schedule 2	

<b>Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)</b>	<b>Assessed production or design capacity</b>
<b>Category 63:</b> Class I inert landfill site	250,000 tonnes per annual period

This licence has been transferred to the licence holder, subject to the attached conditions, on 16 November 2023, by:

**SENIOR ENVIRONMENTAL OFFICER - WASTE INDUSTRIES  
REGULATORY SERVICES**

an officer delegated under section 20 of  
the *Environmental Protection Act 1986* (WA)

## Licence history

Date	Reference number	Summary of changes
29/06/2009	L6764/1997/13	Licence re-issue
29/03/2012	L6764/1997/14	Licence re-issue
01/05/2014	L6764/1997/14	Amendment to update format
04/12/2014	L6764/1997/14	Amendment to groundwater monitoring regime including addition of off-site monitoring bores
22/10/2015	L6764/1997/14	Amendment to include the acceptance of Inert Waste Type 2
14/09/2022	L6764/1997/14	Amendment to remove most of Lot 820 from the premises boundary for remediation under the <i>Contaminated Sites Act 2003</i> . Category 62 and putrescible waste acceptance were also removed.
16/11/2023	L6764/1997/14	Transfer of licence to Brajkovich Landfill & Recycling (Malaga) Pty Ltd

## Interpretation

In this licence:

- (a) the words ‘including’, ‘includes’ and ‘include’ in conditions mean “including but not limited to”, and similar, as appropriate;
- (b) where any word or phrase is given a defined meaning, any other part of speech or other grammatical form of that word or phrase has a corresponding meaning;
- (c) where tables are used in a condition, each row in a table constitutes a separate condition;
- (d) any reference to an Australian or other standard, guideline, or code of practice in this licence:
  - (i) if dated, refers to that particular version; and
  - (ii) if not dated, refers to the latest version and therefore may be subject to change over time;
- (e) unless specified otherwise, any reference to a section of an Act refers to that section of the EP Act; and
- (f) unless specified otherwise, all definitions are in accordance with the EP Act.

**NOTE:** This licence requires specific conditions to be met but does not provide any implied authorisation for other emissions, discharges, or activities not specified in this licence.

## Licence conditions

The licence holder must ensure that the following conditions are complied with:

### Waste acceptance

1. The licence holder must only accept onto the premises waste of a type that:
  - (a) does not exceed the rate at which that waste is received; and
  - (b) meets the relevant acceptance specification, as set out in Table 1.

**Table 1: Waste acceptance criteria**

Waste type	Rate at which waste is received	Acceptance specification
Inert Waste Type 1	250,000 tonnes per annual period	Waste containing visible asbestos or ACM must not be accepted
Inert Waste Type 2		Used tyres, rubber waste and plastics only

Note 1: Additional requirements for the acceptance of controlled waste (including asbestos and tyres) are set out in the Environmental Protection (Controlled Waste) Regulations 2004.

2. The licence holder must ensure that where waste does not meet the waste acceptance criteria set out in condition 1, it is removed from the premises by the delivery vehicle or, where that is not possible, stored in a quarantined storage area or container and removed to an appropriately authorised facility within seven days of receipt.

### Infrastructure and equipment

3. The licence holder must ensure that the site infrastructure and equipment listed in Table 2 and located at the corresponding infrastructure location is maintained and operated in accordance with the corresponding operational requirement set out in Table 2.

**Table 2: Infrastructure and equipment requirements**

Site infrastructure and equipment	Operational requirement	Infrastructure location
Landfill Area	<ul style="list-style-type: none"> <li>(a) The separation distance between the base of the landfill and the highest groundwater level must not be less than 2 m; and</li> <li>(b) Rehabilitation of a cell or phase must take place within 6 months after disposal in that cell or phase has been completed.</li> </ul>	Landfill Area (LA), as depicted in Schedule 1: Figure 1
Landfill Gas System	<ul style="list-style-type: none"> <li>(a) A system for capturing landfill gas generated on the premises must be operated and maintained to minimise lateral migration of landfill gas outside the boundary of the premises; and</li> <li>(b) The landfill gas extraction wells must collect and either flare or reuse landfill gas, or otherwise appropriately manage, on a continuous basis.</li> </ul>	N/A
Fencing and security gates	<ul style="list-style-type: none"> <li>(a) Suitable fencing must be erected and maintained to prevent unauthorised access to the premises;</li> <li>(b) Entrance gates to the premises must be securely locked when the premises is unattended; and</li> <li>(c) Weekly inspections of all security measures must be undertaken and any damage must be repaired within five working days of its discovery.</li> </ul>	N/A
Groundwater monitoring bores (BH2S, BH2D, MW1-1, MW1-5, BH9, BH12, MW1-7, MW1-8 and MW1-9)	<ul style="list-style-type: none"> <li>(a) Must be maintained free from blockages and in good working order to allow representative groundwater samples to be taken.</li> </ul>	As depicted in Schedule 1: Figure 2

## Waste processing

4. The licence holder must ensure that the waste types specified in Table 3 are only subjected to the corresponding processes, subject to the corresponding process limits and/or specifications.

**Table 3: Waste processing**

Waste type	Processes	Process limits and/or specifications
Inert Waste Type 1	Receipt, handling, associated storage and disposal of waste by landfilling	(a) Disposal of waste by landfilling must only take place within the Landfill Area (LA) shown in Schedule 1: Figure 1;
Inert Waste Type 2		(b) Waste must be levelled and compacted after it is discharged; (c) Waste must be placed and compacted to ensure all faces are stable and capable of retaining rehabilitation material; and (d) Crushing and screening of Inert Waste Type 1 is not permitted.

Note 1: Additional requirements for the acceptance of controlled waste (including asbestos and tyres) are set out in the Environmental Protection (Controlled Waste) Regulations 2004.

5. The licence holder must undertake activities on the premises and manage asbestos and ACM in accordance with the Atlas Group Asbestos Management Plan, September 2014, Atlas Group Pty Ltd, Lot 1 Alexander Drive Mirrabooka.
6. The licence holder must ensure that cover is applied and maintained on landfilled waste types in accordance with the corresponding cover requirements in Table 4 and that sufficient stockpiles of cover are maintained on the premises at all times.

**Table 4: Cover requirements**

Waste type	Material	Depth	Timescales
Inert Waste Type 2	Inert Waste Type 1 or clean fill	100 mm	(a) By the end of the working day in which the waste was deposited; and (b) Plastic with the potential to become windblown must be covered immediately after deposit.

## Emissions and discharges

### General

7. The licence holder must immediately recover, or remove and dispose of, spills of environmentally hazardous materials including fuel, oil, or other hydrocarbons, located outside an engineered containment system.
8. The licence holder must ensure that all material used for the recovery, removal, and/or disposal of environmentally hazardous materials is stored in an impermeable container prior to disposal at an appropriately authorised facility.
9. The licence holder must:
  - (a) implement all practical measures to prevent stormwater run-off becoming contaminated by the activities on the premises; and
  - (b) treat contaminated or potentially contaminated stormwater as necessary prior to being discharged from the premises<sup>1</sup>.

Note 1: The Environmental Protection (Unauthorised Discharges) Regulations 2004 make it an offence to discharge certain materials into the environment.

10. The licence holder must ensure that:
- (a) windblown waste is prevented from crossing the premises boundary; and
  - (b) any windblown waste is collected on at least a weekly basis and returned to the tipping area or otherwise appropriately contained.
11. The licence holder must implement control measures to prevent infestations of pests, flies and vermin at the premises.

### Landfill gas

12. The licence holder must:
- (a) ensure that areas on the premises where waste has previously been disposed to landfill are inspected daily for the release of gas; and
  - (b) take immediate action to control the release of gas when identified.

## Monitoring

### General monitoring requirements

13. The licence holder must ensure that monitoring is undertaken in each annual period such that there are at least 9 months in between the days on which samples are taken in successive years.
14. The licence holder must ensure that all monitoring equipment used to comply with conditions 15, 17 and 18 is operated and calibrated in accordance with the manufacturer's specifications.

### Groundwater

15. The licence holder must monitor groundwater for concentrations of the identified parameters in accordance with Table 5.

**Table 5: Monitoring of ambient groundwater quality**

Monitoring well location	Parameters	Unit	Frequency	Method
Onsite monitoring bores: – BH2S – BH2D – MW1-1 – MW1-5 – BH9 – BH12; and Offsite monitoring bores: – MW1-7 – MW1-8	Standing water level (SWL) <sup>1, 2</sup>	mAHD and mBGL	Annually (May - June)	Spot sample in accordance with AS/NZS 5667.1 and 5667.11
	pH <sup>2</sup>	-		
	Total dissolved solids	mg/L		
	Arsenic			
	Cadmium			
	Chromium			
	Copper			
	Iron			
	Manganese			
	Nickel			
Lead				

Monitoring well location	Parameters	Unit	Frequency	Method
– MW1-9 as depicted in Schedule 1: Figure 2	Potassium			
	Zinc			
	Chloride			
	Nitrate			
	Ammonia			
	Total nitrogen			
	Total phosphorus			
	Total organic carbon			
	Total recoverable hydrocarbons			
	Naphthalene			
	Benzene			
	Toluene			
	Ethylbenzene			
Xylenes				

Note 1: SWL must be determined prior to collection of water samples.

Note 2: In-field non-NATA accredited analysis permitted.

- 16.** All sample analysis pursuant to condition 15 must be undertaken by laboratories with current accreditation from the National Association of Testing Authorities for the relevant parameters, unless otherwise specified in Table 5.

### Waste inputs and outputs

- 17.** The licence holder must record the total amount of waste accepted onto and removed from the premises, for each waste type listed in Table 6, in the corresponding unit, and for each corresponding time period, as set out in Table 6.

**Table 6: Monitoring of inputs and outputs**

Waste input/output	Waste type	Unit	Time period
All waste inputs	Inert Waste Type 1	tonnes	Each load arriving at the premises
	Inert Waste Type 2		
All waste outputs	Waste type as defined in the Landfill Definitions		

### Meteorological conditions

- 18.** The licence holder must monitor the ambient meteorological conditions at the premises in accordance with the requirements specified in Table 7 and record the results of all such monitoring.

**Table 7: Monitoring of ambient meteorological conditions**

Monitoring locations	Height	Parameters	Unit	Method
Weather station on the premises	10 m	Wind speed	m/s	None specified
		Wind direction	Degrees	
		Air temperature	° Celsius	

## Records and reporting

- 19.** The licence holder must record the following information in relation to complaints received by the licence holder (whether received directly from a complainant or forwarded to them by the Department or another party) about any alleged emissions from the premises:
- the name and contact details of the complainant, (if provided);
  - the time and date of the complaint;
  - the complete details of the complaint and any other concerns or other issues raised; and
  - the complete details and dates of any action taken by the licence holder to investigate or respond to any complaint.
- 20.** The licence holder must:
- undertake an audit of their compliance with the conditions of this licence during the preceding annual period; and
  - prepare and submit to the CEO by no later than 1 March after the end of that annual period an Annual Audit Compliance Report in the approved form.
- 21.** The licence holder must submit to the CEO by no later than 1 March days after the end of each annual period, an Annual Environmental Report for that annual period for the conditions listed in Table 8, and which provides information in accordance with the corresponding requirement set out in Table 8.

**Table 8: Annual Environmental Report requirements**

Condition	Requirement
-	Summary of any failure or malfunction of any pollution control equipment and any environmental incidents that have occurred during the annual period and any action taken
15	Monitoring of ambient groundwater quality, including: <ol style="list-style-type: none"> <li>a tabulated summary of results, as well as all raw data provided in an accompanying Microsoft Excel spreadsheet digital document/file (or a compatible equivalent digital document/file), with all results being clearly referenced to laboratory certificates of analysis;</li> <li>a diagram with aerial image overlay showing all monitoring locations and depicting groundwater level contours, flow direction and hydraulic gradient;</li> <li>an interpretive summary and assessment of the results against previous monitoring results;</li> </ol>

Condition	Requirement
	(d) an interpretive summary and assessment of the results against: <ul style="list-style-type: none"> <li>(i) a potassium chloride ratio of 0.3 (greater than this ratio indicates potential presence of landfill leachate);</li> <li>(ii) premises specific criteria of 2 mg/L for TRH and 0.26 mg/L for naphthalene in offsite groundwater monitoring bores;</li> <li>(iii) nominal criteria of 300 mg/L for ammonia and 10 mg/L for iron, to identify any decline in existing groundwater quality;</li> <li>(iv) non-potable use guidelines for arsenic (0.1 mg/L) and manganese (5 mg/L);</li> <li>(v) where a parameter does not have a specific criteria referred to in i – iv above, the relevant assessment levels for water as published in the <i>Guideline Assessment and management of contaminated sites</i>; and</li> </ul> (e) trend graphs to provide a graphical representation of historical results and to support the interpretive summary.
17	Summary of waste inputs and outputs
19	Complaints summary

- 22.** The licence holder must maintain accurate and auditable books including the following records, information, reports, and data required by this licence:
- (a) the calculation of fees payable in respect of this licence;
  - (b) any maintenance of infrastructure and equipment that is performed in the course of complying with conditions 3 and 14 of this licence;
  - (c) monitoring programs undertaken in accordance with conditions 15, 17 and 18 of this licence; and
  - (d) complaints received under condition 19 of this licence.
- 23.** The books specified under condition 22 must:
- (a) be legible;
  - (b) if amended, be amended in such a way that the original version(s) and any subsequent amendments remain legible and are capable of retrieval;
  - (c) be retained by the licence holder for the duration of the licence; and
  - (d) be available to be produced to an inspector or the CEO as required.

## Notifications

- 24.** The licence holder must notify the CEO in writing within 7 days of becoming aware of any monitoring bores specified in condition 3 and 15 of this licence being de-commissioned or rendered unusable.

## Specified actions

25. The licence holder must submit to the CEO the information in Table 9 in accordance with the requirements and timescale outlined in Table 9.

**Table 9: Specified actions**

Information	Requirements	Timescale
Landfill Gas Management Plan and Risk Assessment	<p>A consolidated management plan and risk assessment including but not limited to:</p> <ul style="list-style-type: none"> <li>(a) A detailed description of the landfill gas management system, monitoring, and maintenance procedures, including details on:                             <ul style="list-style-type: none"> <li>(i) current and projected gas generation rates across the historical putrescible landfill within the premises;</li> <li>(ii) the collection system (active or passive) and layout of landfill gas piping and extraction wells (vertical or horizontal or both);</li> <li>(iii) utilisation of captured gas (e.g. flaring, treatment, and reuse in a system of a combustion);</li> <li>(iv) specifications of combustion engines/flares and likely emissions;</li> <li>(v) in-waste gas monitoring points, perimeter monitoring bores and associated monitoring program; and</li> <li>(vi) contingency plans in the event of breakdown of various components.</li> </ul> </li> <li>(b) Design drawings and layout figures of the landfill gas management system including:                             <ul style="list-style-type: none"> <li>(i) in-cell layout of gas collection infrastructure (aerial and cross-section diagrams should be provided where relevant);</li> <li>(ii) overview of associated above-ground gas management infrastructure; and</li> <li>(iii) landfill gas monitoring locations.</li> </ul> </li> <li>(c) An assessment of potential risks of lateral landfill gas migration and emissions to residential receptors located north of the premises; and</li> <li>(d) A conceptual site model which clearly identifies all potential source-pathway-receptor (S-P-R) linkages for landfill gas.</li> </ul>	30 September 2023

## Definitions

In this licence, the terms in Table 10 have the meanings defined.

**Table 10: Definitions**

Term	Definition
ACM	means asbestos containing material and has the meaning defined in the <i>Guidelines for Assessment, Remediation and Management of Asbestos Contaminated Sites, Western Australia</i>
ACN	Australian Company Number
Annual Audit Compliance Report (AACR)	means a report submitted in a format approved by the CEO (relevant guidelines and templates may be available on the Department's website).
annual period	a 12 month period commencing from 1 January until 31 December of the same year.
AS/NZS 5667.11	<i>Australian Standard AS/NZS 5667.11 Water Quality – Sampling – Guidance on sampling of groundwaters</i>
asbestos	means the asbestiform variety of mineral silicates belonging to the serpentine or amphibole groups of rock-forming minerals and includes actinolite, amosite, anthophyllite, chrysotile, crocidolite, tremolite and any mixture containing 2 or more of those.
averaging period	means the time over which a limit is measured or a monitoring result is obtained
books	has the same meaning given to that term under the EP Act.
CEO	means Chief Executive Officer of the Department. "submit to / notify the CEO" (or similar), means either: Director General Department administering the <i>Environmental Protection Act 1986</i> Locked Bag 10 Joondalup DC WA 6919 or: <a href="mailto:info@dwer.wa.gov.au">info@dwer.wa.gov.au</a>
Controlled Waste	has the same meaning given to that term under the <i>Environmental Protection (Controlled Waste) Regulations 2004</i>
Department	means the department established under section 35 of the <i>Public Sector Management Act 1994</i> (WA) and designated as responsible for the administration of the EP Act, which includes Part V Division 3.
discharge	has the same meaning given to that term under the EP Act.
DWER Asbestos Guidelines	means the <i>Guidelines for managing asbestos at construction and demolition waste recycling facilities</i> as published by the Department of Water and Environmental Regulation, as amended from time to time
emission	has the same meaning given to that term under the EP Act.

<b>Term</b>	<b>Definition</b>
EP Act	<i>Environmental Protection Act 1986 (WA)</i>
EP Regulations	Environmental Protection Regulations 1987 (WA)
Inert Waste Type 1	has the same meaning given to that term under the Landfill Definitions
Inert Waste Type 2	has the same meaning given to that term under the Landfill Definitions
Landfill Definitions	means the document titled “Landfill Waste Classification and Waste Definitions 1996” published by the Chief Executive Officer of the Department of Environment as amended from time to time
licence	refers to this document, which evidences the grant of a licence by the CEO under section 57 of the EP Act, subject to the specified conditions contained within.
licence holder	refers to the occupier of the premises, being the person specified on the front of the licence as the person to whom this licence has been granted.
NATA	National Association of Testing Authorities, Australia
NATA accredited	means in relation to the analysis of a sample that the laboratory is NATA accredited for the specified analysis at the time of the analysis
premises	refers to the premises to which this licence applies, as specified at the front of this licence and as shown on the premises map (Figure 1) in Schedule 1 and coordinates (Table 11) in Schedule 2 to this licence.
prescribed premises	has the same meaning given to that term under the EP Act.
Putrescible	has the same meaning given to that term under the Landfill Definitions
quarantined storage area or container	means a hardstand storage area or sealed-bottom container that is separate and isolated from authorised waste disposal areas and is capable of containing all non-conforming waste and its constituents, these areas must be clearly marked and their access restricted to authorised personnel
rehabilitation	means the completion of the engineering of a landfill cell and includes capping and/or final cover
Schedule 1	means Schedule 1 of this Licence unless otherwise stated
Schedule 2	means Schedule 2 of this Licence unless otherwise stated
usual working day	means 0800 – 1700 hours, Monday to Friday excluding public holidays in Western Australia
waste	has the same meaning given to that term under the EP Act.

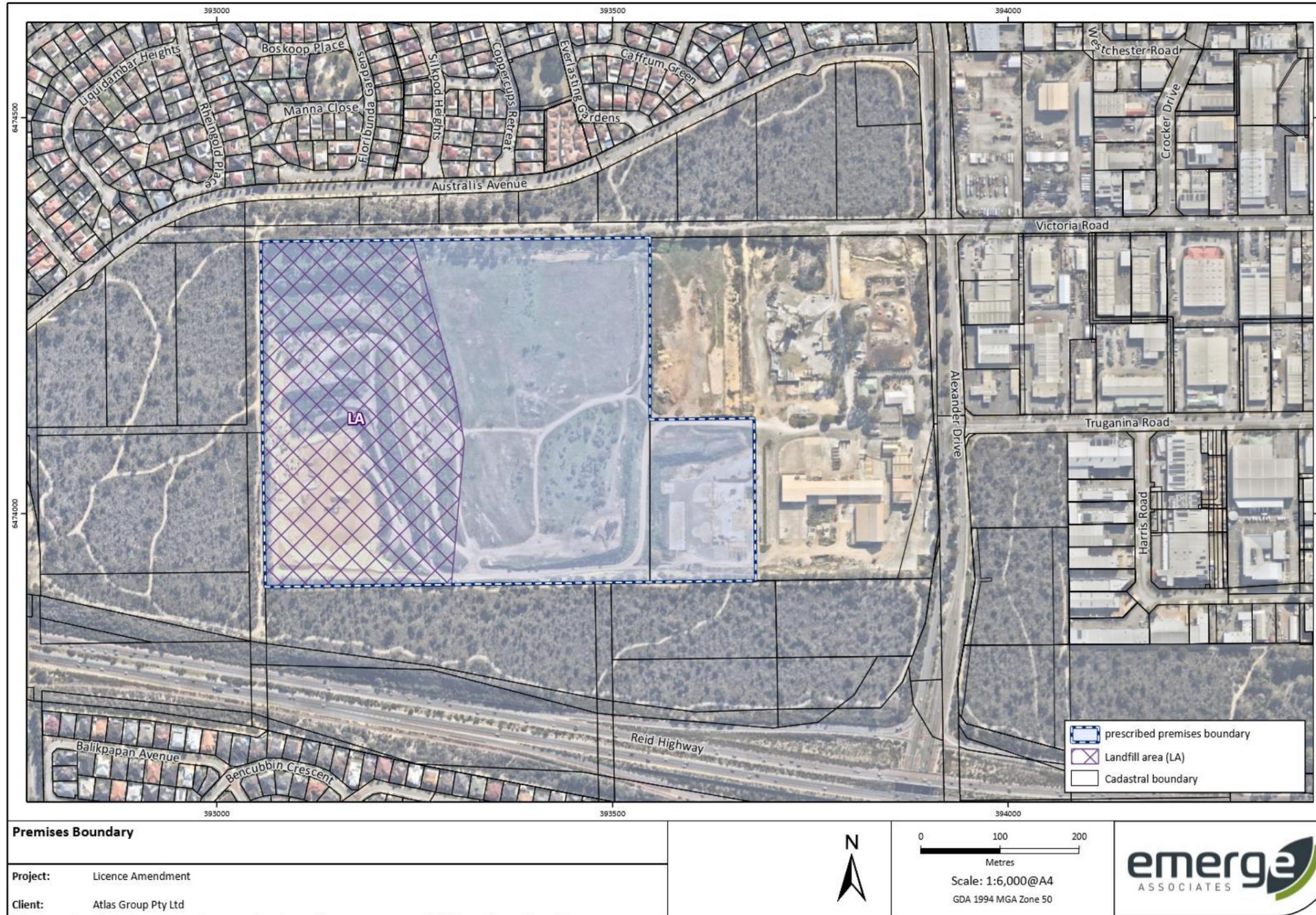
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**END OF CONDITIONS**

## Schedule 1: Maps

### Premises map

The boundary of the prescribed premises is shown in blue shading on the map below and the Landfill Area (LA) is shown in purple cross-hatching (Figure 1).



**Figure 1: Map of the boundary of the prescribed premises and Landfill Area**

L6764/1997/14 – amended 16/11/2023

## Map of monitoring locations

The locations of the monitoring wells referred to in Table 2 and Table 5 are shown below (Figure 2).



Figure 2: Location of monitoring bores

## Schedule 2: Premises boundary

The premises boundary is defined by the coordinates in Table 11.

**Table 11: Premises boundary coordinates (GDA2020 MGA Zone 50)**

Point no.	Easting	Northing
1	393548.559	6474350.091
2	393548.389	6474120.451
3	393680.039	6474122.141
4	393682.078	6473917.102
5	393062.460	6473909.41
6	393056.740	6474344.89