



<b>Licence number</b>	L7058/1997/13	
<b>Licence holder</b>	Shire of East Pilbara	
<b>Registered business address</b>	Kalgan Drive NEWMAN WA 6753	
<b>DWER file number</b>	DER2013/000842-1	
<b>Duration</b>	24/11/2024 to	23/11/2044
<b>Date of issue</b>	21/11/2024	
<b>Premises details</b>	Marble Bar Refuse Site Crown Reserve 2906 within coordinates: N 7658539, E 783991; N 7658513, E 784155; N 7658385 E 784141; N 7658380, E 784082; N 7658446, E 783958  MARBLE BAR WA 6760 As depicted in Schedule 1.	

<b>Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)</b>	<b>Assessed production / design capacity</b>
<b>Category 64: Class II or III putrescible landfill site:</b> premises on which waste (as determined by reference to the waste types set out in the document entitled 'Landfill Waste Classification and Waste Definitions 1996' published by the CEO and as amended from time to time) is accepted for burial.	5,000 tonnes per annual period

This licence is granted to the licence holder, subject to the attached conditions, on 21 November 2024, by:

**Abbie Crawford**  
**Manager, Waste Industries**

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

L7058/1997/13 (21/11/2024)

IR-T06 Licence template (v10.0) (May 2024)

## Licence history

Date	Reference number	Summary of changes
03/11/2000	L7058/1997/2	Revision granted.
07/11/2001	L7058/1997/3	Revision granted.
07/11/2002	L7058/1997/4	Revision granted.
03/06/2003	L7058/1997/5	Revision granted.
17/11/2003	L7058/1997/6	Revision granted.
24/05/2004	L7058/1997/7	Revision granted.
24/11/2004	L7058/1997/8	Revision granted.
24/11/2006	L7058/1997/9	Renewed for 2 years.
24/11/2008	L7058/1997/10	Revision granted.
24/11/2013	L7058/1997/11	Renewed for 5 years and format converted to REFIRE.
29/04/2016	L7058/1997/12	Amendment by notice to extend licence duration to 24 November 2024.
16/04/2022	L7058/1997/12	Amendment by notice to amend annual report submission requirements from annual to biennial following 31 March 2023.
21/11/2024	L7058/1997/13	Licence renewed with a 20 year duration.

## 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:

1. The licence holder must only accept waste at the premises if:
  - (a) it is of a type listed in Table 1;
  - (b) the quantity accepted is below any quantity limit listed in Table 1; and
  - (c) it meets any specification listed in Table 1.

**Table 1: Waste acceptance**

Waste type	Quantity limit per annual period	Acceptance specification <sup>1</sup>
Inert Waste Type 1	Combined total of 5,000 tonnes per annual period	None specified
Putrescible waste (including green waste)		
Clean fill		

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 as soon as practicable.
3. The licence holder must ensure that wastes accepted onto the premises are only subjected to the process(es) set out in Table 2 and in accordance with any process limits described in that Table.

**Table 2: Waste processing and storage**

Waste type	Process(es)	Process limits <sup>1,2</sup>
Inert Waste Type 1	Receipt, handling and disposal of waste by landfilling	<u>All waste types</u> <ul style="list-style-type: none"> <li>• Disposal of waste by landfilling shall only take place within the landfill area shown on the Landfill Area Map in Schedule 1.</li> <li>• No waste shall be temporarily stored or landfilled within 35m from the boundary of the premises;</li> <li>• The size of the tipping area is kept to a maximum tipping length of 30m and no greater than 2m in height; and</li> <li>• The separation distance between the base of the landfill and the highest groundwater level shall not be less than 2m.</li> </ul>
Putrescible waste		
Clean fill		
Green waste	Disposal by Burning	<u>Burning of green waste only</u>

Waste type	Process(es)	Process limits <sup>1,2</sup>
		<ul style="list-style-type: none"> <li>To be dried and seasoned for at least 2 months before burning;</li> <li>To take place in a designated burning area at least 25 m from the boundary of any active disposal areas;</li> <li>To take place in trenches or windrows;</li> <li>To take place only when an adequate supply of water is available to effectively manage the burning process; and</li> <li>Two persons with approved fire fighting qualifications are in attendance until Fire Control Officer declares the area safe.</li> </ul>

Note 1: Requirements for landfilling tyres are set out in Part 6 of the Environmental Protection Regulations 1987.

Note 2: Additional requirements for the acceptance and landfilling of controlled waste (including asbestos and tyres) are set out in the Environmental Protection (Controlled Waste) Regulations 2004.

4. The licence holder must manage the landfilling activities to ensure:
  - (a) waste is levelled and compacted as soon as practicable after it is discharged;
  - (b) waste is placed and compacted to ensure all faces are stable and capable of retaining rehabilitation material; and
  - (c) rehabilitation of a cell or phase takes place within 6 months after disposal in that cell or phase has been completed.
  
5. The licence holder must ensure that cover is applied and maintained on landfilled wastes in accordance with Table 3 and that sufficient stockpiles of cover are maintained on site at all times.

**Table 3: Cover requirements<sup>1</sup>**

Waste type	Material	Depth	Timescales
Inert Waste Type 1	Clean fill or soil	300mm	No cover required
Putrescible waste			Weekly

Note 1: Additional requirements for the covering of tyres are set out in Part 6 of the Environmental Protection Regulations 1987.

6. The licence holder must implement the following security measures at the site:
  - (a) maintain suitable fencing to prevent unauthorised access to the site; and
  - (b) regular inspections of all security measures and repair damage as soon as practicable.
  
7. The licence holder must ensure that:
  - (a) all reasonable and practicable measures are taken to ensure that no wind-blown waste escapes from the premises; and
  - (b) wind-blown waste is returned to the tipping area on at least a monthly basis.

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8. The licence holder must take all reasonable and practicable measures to prevent stormwater run-off becoming contaminated by the activities and operations undertaken at the premises.
9. The licence holder must implement control measures to prevent infestations of pests, flies and vermin at the premises.
10. The licence holder must maintain a sign at the entrance to the premises which clearly displays the following information:
  - (c) contact telephone number for information and complaints or notification of fires;
  - (d) list of materials accepted at the premises;
  - (e) list of waste types not accepted at the premises and contact telephone number for alternative disposal options; and
  - (f) "No Asbestos"
  - (g) a warning indicating penalties for people lighting fires.

### Fire Management

11. The licence holder must ensure that;
  - (a) no unauthorised waste is burnt on the premises;
  - (b) any unauthorised fire on the premises is extinguished as soon as possible.
  - (c) there is a firebreak of at least 3 m around the boundary of the premises.
12. The licence holder must immediately notify the CEO of:
  - (a) any fire on the premises<sup>1</sup>; and/or
  - (b) any accident, malfunction, or emergency which results or could result in the discharge of fire-fighting washwater or other wastes from the premises.

Note 1: Spot fires which have been extinguished within one hour of being discovered are not required to be reported.

### Monitoring

13. The licence holder must ensure that:
  - (a) all water samples are collected and preserved in accordance with AS/NZS 5667.1;
  - (b) all groundwater sampling is conducted in accordance with AS/NZS 5667.11; and
  - (c) all laboratory samples are submitted to a laboratory with current NATA accreditation for the parameters to be measured.
14. The licence holder must ensure that annual monitoring is undertaken at least 9 months apart.
15. The licence holder must undertake the monitoring in Table 4 according to the specifications in that table.

**Table 4: Monitoring of inputs and outputs**

Input/Output	Parameter	Units	Averaging Period	Frequency
Waste inputs	Inert Waste Type 1, Putrescible Waste and Green waste	tonnes (where a weighbridge is present on the site)  m <sup>3</sup> (where no weighbridge is present)	Weekly	Weekly (estimates recorded during weekly inspections)

16. The licence holder must undertake the monitoring in Table 5 according to the specifications in that table and record and analyse results.

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

Monitoring point reference and location	Parameter	Units	Averaging Period	Frequency
Monitoring Bores No 1 and No 2	pH		Spot sample	Annual
	Electrical conductivity	µS/cm		
	Biochemical oxygen demand	mg/L		
	Ammonia			
	Nitrate – N			
	Total kjeldahl nitrogen			
	Reactive phosphorus			
	Total phosphorus			
	Chloride			
	Hexavalent chromium			
	Total chromium			
	Cadmium			
	Cobalt			
	Copper			
	Mercury			
	Molybdenum			
	Nickel			
Lead				
Zinc				

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17. The licence holder must submit an updated Site Management and Rehabilitation plan to the CEO by 30 June 2025.

## Records and reporting

### Records

18. 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:
- (a) the name and contact details of the complainant, (if provided);
  - (b) the time and date of the complaint;
  - (c) the complete details of the complaint and any other concerns or other issues raised; and
  - (d) the complete details and dates of any action taken by the licence holder to investigate or respond to any complaint.
19. 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) monitoring programmes undertaken in accordance with conditions 15 and 16 of this licence; and
  - (c) complaints received under condition 18 of this licence.
20. The books specified under condition 19 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.

### Reporting

21. The licence holder must:
- (a) undertake an audit of their compliance with the conditions of this licence during the preceding annual period, and
  - (b) prepare and submit to the CEO an Annual Audit Compliance Report in the approved form by 31 March each year.
22. The licence holder must:
- (a) prepare an Environmental Report that provides information in accordance with Table 6 for the preceding two annual periods, and
  - (b) submit that Environmental Report to the CEO by 31 March 2026 and biennially thereafter.



**Table 6: Environmental reporting requirements**

Condition	Reporting requirement <sup>1</sup>
15	Monitoring of inputs and outputs
16	Ambient Monitoring (groundwater)
18	Complaints summary
12	Unauthorised fire

Note 1: Notification requirements in the Licence shall not negate the requirement to comply with s72 of the Act

## Definitions

In this licence, the terms in Table 7 have the meanings defined.

**Table 7: Definitions**

Term	Definition
acceptance criteria	has the meaning defined in Landfill Waste Classification and Waste Definitions 1996 (as amended 2019), published by the CEO and as amended from time to time.
Annual Audit Compliance Report (AACR)	means a report submitted in a format approved by the CEO (relevant guidelines and templates are available on the Department's website).
annual period	a 12 month period commencing from 1 January until 31 December of the immediately following year.
biennially	means every two years.
approved form	means the Annual Audit Compliance Report (AACR) form template approved by the CEO for use and available via DWER's external website.
averaging period	means the time over which a limit or target is measured or a monitoring result is obtained
AS/NZS 5667.1	means the Australian Standard AS/NZS 5667.1 <i>Water Quality – Sampling – Guidance of the Design of sampling programs, sampling techniques and the preservation and handling of samples</i>
AS/NZS 5667.11	means the Australian Standard AS/NZS 5667.11 <i>Water Quality – Sampling – Guidance on sampling of groundwaters</i>
biennially	means every two years.
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>
Clean Fill	has the meaning defined in Landfill Waste Classification and Waste Definitions 1996 (as amended 2019), published by the CEO and as amended from time to time

<b>Term</b>	<b>Definition</b>
Controlled waste	has the definition in Environmental Protection (Controlled Waste) Regulations 2004
department; DWER	means the department established under section 35 of the <i>Public Sector Management Act 1994 (WA)</i> 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.
emission	has the same meaning given to that term under the EP Act.
EP Act	<i>Environmental Protection Act 1986 (WA)</i>
EP Regulations	<i>Environmental Protection Regulations 1987 (WA)</i>
Fire Control Officer	in relation to a landfill means a person who has such qualifications in firefighting or fire control as are approved, appointed to that position by the occupier of the landfill site
Green waste	a solid waste that originated from flora and which does not contain or has not been treated or coated with preserving agents, biocides, fire retardants, paint, adhesives or binders.
Inert Waste Type 1	has the meaning defined in Landfill Waste Classification and Waste Definitions 1996 (as amended 2019), published by the CEO and as amended from time to time
Landfill Waste Classification and Waste Definitions 1996 (As amended 2019)	means the document entitled 'Landfill Waste Classification and Waste Definitions 1996 (as amended 2019) published by the Chief Executive Officer and 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.
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 to this licence.
prescribed premises	has the same meaning given to that term under the EP Act.
waste	has the same meaning given to that term under the EP Act.

**END OF CONDITIONS**

# Schedule 1: Maps

## Premises map

The boundary of the prescribed premises is shown in the map below (Figure 1).

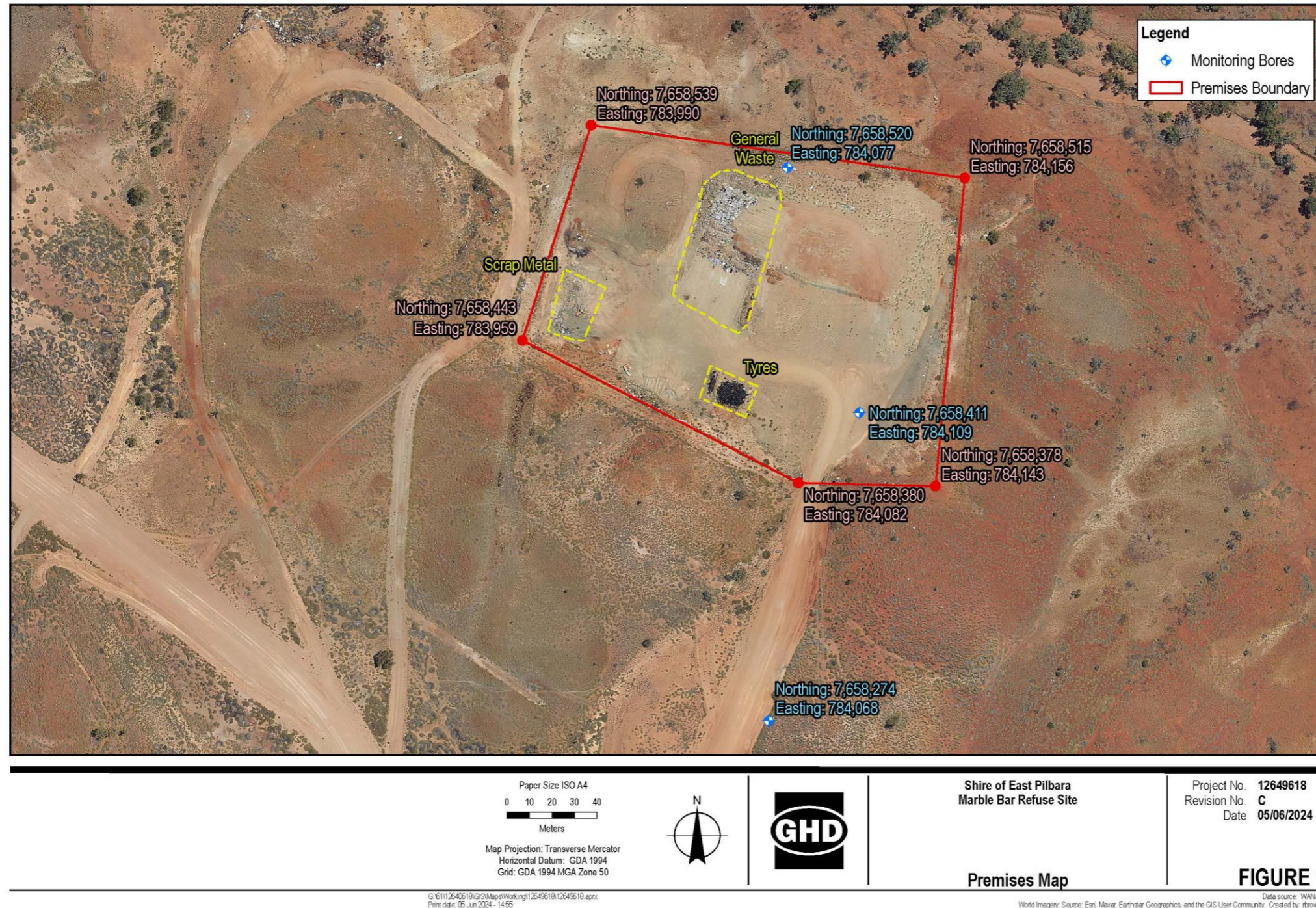


Figure 1: Map of the boundary of the prescribed premises

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