



Works approval number	W6362/2020/1
Works approval holder	Waroona Resources Pty Ltd
ACN	169 962 421
Registered business address	62 Farmer street NORTH PERTH WA 6006
DWER file number	DER2020/000060
Duration	11/05/2020 to 10/05/2025
Date of issue	11/05/2020
Premises details	Premium Waste Management Lot 15 on Deposited Plan 59265 Richards Road WAROONA WA 6162

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)	Assessed production capacity
Category 63: Class I inert landfill site: 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.	150 000 tonnes per annual period

This works approval is granted to the works approval holder, subject to the attached conditions, on 11 May 2020, by:

Melissa Chamberlain

**A/MANAGER WASTE INDUSTRIES
REGULATORY SERVICES**

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

Interpretation

In this works approval:

- (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 works approval means the version of the standard, guideline or code of practice in force at the time of granting of this works approval and includes any amendments to the standard, guideline or code of practice which may occur from time to time during the course of the works approval;
- (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 works approval requires specific conditions to be met but does not provide any implied authorisation for other emissions, discharges, or activities not specified in this works approval.

Works approval conditions

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

Construction phase

Infrastructure and equipment

1. The works approval holder must:
 - (a) construct the infrastructure;
 - (b) in accordance with the corresponding design and construction requirements; and
 - (c) at the corresponding infrastructure location, as set out in Table 1.

Table 1: Design and construction requirements

	Infrastructure	Design and construction requirements	Infrastructure location
1.	Landfill cells 6 – 13	<ol style="list-style-type: none">(a) landfill cells to be constructed only at the locations identified in the Site Plan in Schedule 1; and(b) base of the landfill cells must be a minimum of 2m above the highest seasonal groundwater level.	Schedule1, Figure 2 – site plan

Dust management

2. The works approval holder must adequately dampen exposed surfaces to reduce dust emissions during construction of the works.
3. The works approval holder must ensure that no visible dust generated from the works crosses the boundary of the Premises.

Compliance reporting

4. The works approval holder must within 90 calendar days of completion of each cell submit to the CEO an Environmental Compliance Report, which must include as a minimum the following:
 - (a) Identify the landfill cell which has been constructed;
 - (b) Confirm that the landfill cell has been constructed in the correct location according to the site plan in Schedule 1, Figure 2;
 - (c) Confirm that the entire base of the landfill cell is a minimum of 2 m above the highest seasonal groundwater level using survey data from the as-constructed landfill cell and data from on-site groundwater monitoring bores;
 - (d) Cross-sectional drawings, depicting inferred groundwater levels against the as-constructed base level the landfill cell; and
 - (e) be signed by a person authorised to represent the works approval holder and contains the printed name and position of that person.

Time limited operations phase

5. The works approval holder may commence time limited operations for an item of infrastructure identified in condition 1 once the Environmental Compliance Report has been submitted for that item of infrastructure in accordance with condition 4 of this works approval.
6. The works approval holder may conduct time limited operations for an item of infrastructure specified in condition 7:
 - a) for a period not exceeding 90 calendar days from the day the works approval holder meets the requirements of condition 5 for that item of infrastructure; or
 - b) until such time as a licence for that item of infrastructure is granted in accordance with Part V of the *Environmental Protection Act 1986* and only where this occurs prior to 90 calendar days from the day the works approval holder meets the requirements of condition 5 for that item of infrastructure.
7. During time limited operations, the works approval holder must ensure that the premises infrastructure 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 during time limited operations

Infrastructure	Operational requirements	Infrastructure location
Landfill cells 6 - 13	(a) Inert waste type 1, Inert waste type 2, Special Waste Type 1 (cement bonded asbestos and asbestos contaminated soils only) and Clean fill shall only be disposed of via landfilling within cells 6 -13; (b) Special Waste Type 1 (cement bonded asbestos) shall be wrapped securely in plastic to prevent asbestos fibres entering the environment prior to acceptance at the premises; (c) Special Waste Type 1 (asbestos contaminated soil) shall only be received at the premises in a damp state; (d) The separation distance between the base of the landfill and the highest seasonal groundwater level shall not be less than 2m; (e) Landfill machinery only to be operated between 7 am to 4.45pm Monday to Friday and 7am to 12pm Saturday; (f) The landfilling activities are to be managed to ensure; <ol style="list-style-type: none"> I. Waste is levelled and compacted as soon as practicable after it is discharged; II. Waste is placed and compacted to ensure all faces are stable and capable of retaining restoration material; III. Inert waste type 2 is covered with inert waste type 1 or soil to a depth of 100mm 	Figure 2 of Schedule 1

	<p>by the end of the working day in which the waste was deposited;</p> <p>IV. Plastic waste (Inert waste type 2) with the potential to become windblown shall be covered as soon as practicable after deposit;</p> <p>V. Special Waste Type 1;</p> <ul style="list-style-type: none"> • shall only be disposed of into a designated asbestos area within the landfill (shown as asbestos areas in Schedule 1, Figure 2); • wrapped asbestos/ACM waste shall be disposed of within 24 hours of receipt and where temporarily stored, storage shall occur in sealed and secure containers; • asbestos contaminated soil material is to be disposed of immediately, wetted down prior and during disposal and covered immediately after deposit with 300mm of inert waste type 1 or soil; • waste shall be unloaded from the delivery vehicle directly into its final resting position in such a manner as to avoid the damage of plastic wrapping/containment and the generation of dust or release of asbestos fibres; • waste unloading shall not occur if wind conditions prevent safe unloading without the release of dust or asbestos fibres; • waste shall not be deposited within 2m of the final tipping surface of the landfill; and • no subsequent works shall be carried out on the landfill that could lead to a release of asbestos fibres. 	
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Records and reporting (general)

8. The works approval holder must record the following information in relation to complaints received by the works approval 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 works approval holder to investigate or respond to any complaint.
- 9.** The works approval holder must maintain accurate and auditable books including the following records, information, reports, and data required by this works approval:
- (a) the works conducted in accordance with condition 1;
 - (b) complaints received under condition 8.
- 10.** The books specified under condition 9 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 works approval holder for the duration of the works approval;
and
 - (d) be available to be produced to an inspector or the CEO as required.

Definitions

In this works approval, the terms in Table 1 have the meanings defined.

Table 1: Definitions

Term	Definition
ACM	means asbestos containing material and has the meaning defined in the Guidelines for Assessment Remediation and Management of Asbestos Contaminated Sites, Western Australia, (Department of Health, 2009)
asbestos	means the asbestiform variety of mineral silicates belonging to the serpentine or amphibole groups of rock-forming minerals and includes actinolite, amosite, anthophyllite, chrysolite, crocidolite, tremolite and any mixture containing 2 or more of these
books	has the same meaning given to that term under the EP Act.
CEO	means Chief Executive Officer. CEO for the purposes of notification means: Director General Department administering the <i>Environmental Protection Act 1986</i> Locked Bag 10 Joondalup DC WA 6919 info@dwer.wa.gov.au
Clean fill	has the meaning defined in the Landfill Definitions; “Landfill Waste Classification and Waste Definitions 1996” published by the Chief Executive Officer of the Department of Environment as amended from time to time.
Damp	means moist to touch
Department	means the department established under section 35 of the <i>Public Sector Management Act 1994</i> and designated as responsible for the administration of Part V Division 3 of the EP Act.
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.
Environmental Compliance Report	means a report to satisfy the CEO that the conditioned infrastructure and/or equipment has been constructed and/or installed in accordance with the works approval.
EP Act	<i>Environmental Protection Act 1986 (WA)</i> .
EP Regulations	<i>Environmental Protection Regulations 1987 (WA)</i> .
Inert waste type 1	has the meaning defined in the Landfill Definitions; “Landfill Waste Classification and Waste Definitions 1996” published by the Chief Executive Officer of the Department of Environment as amended from time to time.
Inert waste type 2	has the meaning defined in the Landfill Definitions; “Landfill Waste Classification and Waste Definitions 1996” published by the Chief

Term	Definition
	Executive Officer of the Department of Environment as amended from time to time.
premises	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 works approval.
prescribed premises	has the same meaning given to that term under the EP Act.
Special waste type 1	has the meaning defined in the Landfill Definitions; "Landfill Waste Classification and Waste Definitions 1996" published by the Chief Executive Officer of the Department of Environment as amended from time to time.
time limited operations	refers to the operation of the infrastructure and equipment identified under this works approval that is authorised for that purpose, subject to the relevant conditions.
waste	has the same meaning given to that term under the EP Act.
works	means the construction of the infrastructure outlined within Table 1, Condition 1 of this works approval.
works approval	refers to this document, which evidences the grant of the works approval by the CEO under section 54 of the EP Act, subject to the conditions.
works approval holder	refers to the occupier of the premises being the person to whom this works approval has been granted, as specified at the front of this works approval.

END OF CONDITIONS

Schedule 1: Maps

Premises maps

The boundary of the prescribed premises is shown in the map below (Figure 1). The layout of the landfill cells are shown in Figure 2.



Figure 1: Map of the boundary of the prescribed premises

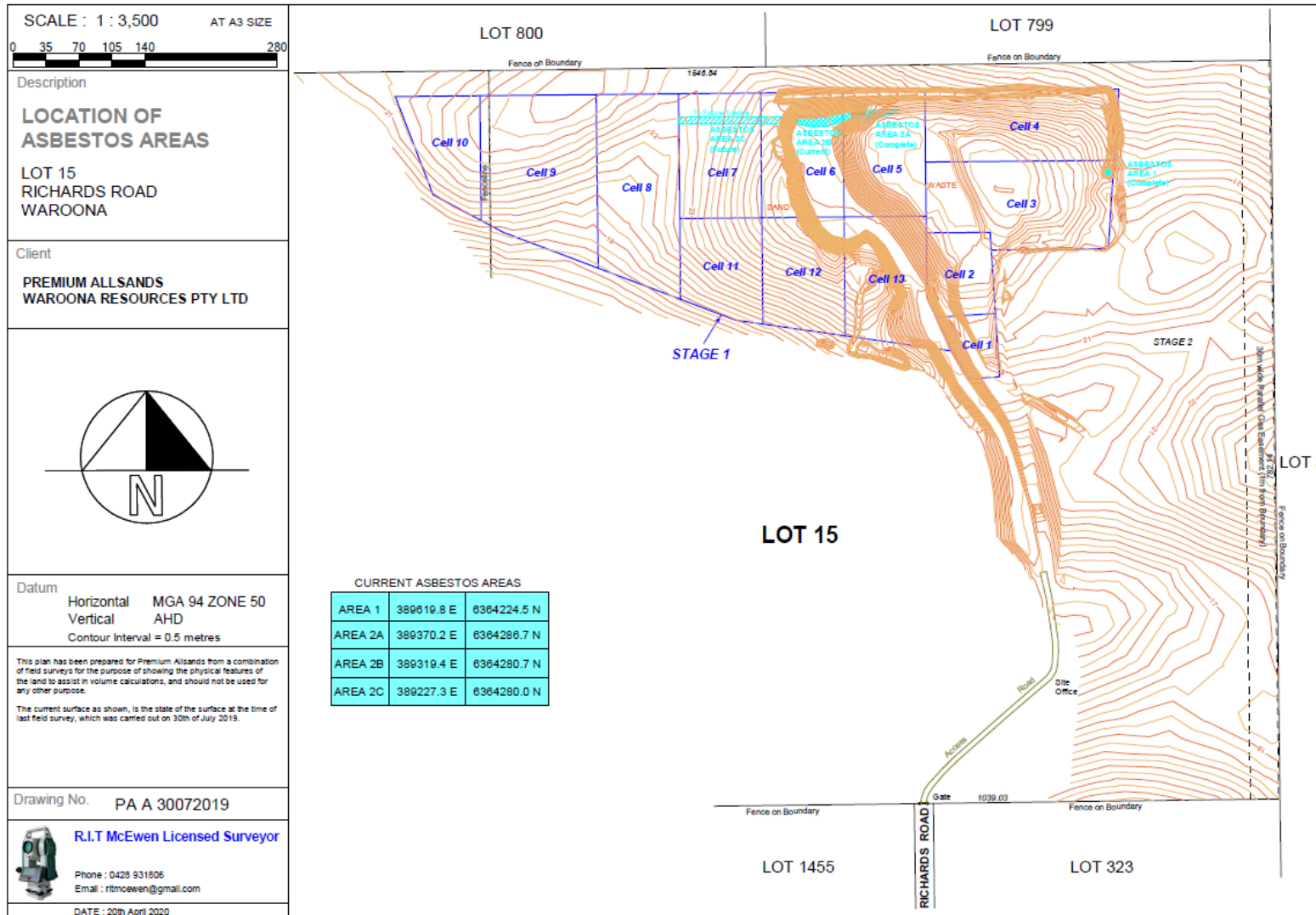


Figure 2: Landfill cell layout