



Works approval number	W6749/2022/1
Works approval holder	Shire of Waroona
Registered business address	Office 52 Hesse Street WAROONA WA 6215 Shire of Waroona
DWER file number	DER2022/000568
Duration	21/02/2023 to 21/02/2026
Date of issue	21/02/2023
Premises details	Buller Road Refuse Disposal Site 702 Buller Road WAROONA WA 6215 Legal description - Lot 1701 on Deposited Plan 214632

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)	Assessed production or design capacity
Category 62: Premises on which waste is stored, or sorted, pending final disposal or reuse.	3,000 tpa

This works approval is granted to the works approval holder, subject to the attached conditions, on 21 February 2023, by:

Abbie Crawford
A/MANAGER, WASTE INDUSTRIES

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

Works approval history

Date	Reference number	Summary of changes
21/02/2023	W6749/2022/1	Works approval granted.

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:
 - (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 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 and/or install the infrastructure;
 - (b) in accordance with the corresponding design and construction / installation requirements; and
 - (c) at the corresponding infrastructure location.

Table 1: Design and construction / installation requirements

	Infrastructure	Design and construction / installation requirements	Infrastructure location
1.	Waste acceptance and transfer shed	<ul style="list-style-type: none">Internal wall modified to a push wall (300cm x 1,800cm high) with metal cladding.Rear wall on north-west side converted to (200cm x 1,250cm high) external push wall with metal wall cladding.Side wall on northern side removed to allow machinery access	Schedule 1 Figure 1
2.	Concrete footings and slabs (flooring) within transfer shed	<p>Constructed in accordance with Schedule 2, Figures 2 and 3, including:</p> <ul style="list-style-type: none">Compact soil subgrade beneath footings and slabs to achieve a density index of at least 95% and CBR of 12% in accordance with AS 1289, to a depth of at least 900 mm.Slabs to be laid on vapour barrier comprising 0.2 mm polyethylene film in accordance with AS 2870. Sheets shall be lapped 200 mm and taped at all jointsVapour barrier to be placed on 100 mm compacted road base and crushed dust layer placed on compacted sub grade.Concrete slab to achieve a permeability of less than 1×10^{-9} m/s.	Schedule 1 Figure 1

Compliance reporting

2. The works approval holder must within 30 calendar days of an item of infrastructure required by condition 1 being constructed and/or installed:
 - (a) undertake an audit of their compliance with the requirements of condition 1; and
 - (b) prepare and submit to the CEO an Environmental Compliance Report on that compliance.
3. The Environmental Compliance Report required by condition 2, must include as a minimum the following:
 - (a) certification by a civil engineer that the items of infrastructure or component(s) thereof, as specified in condition 1, have been constructed in accordance with the relevant requirements specified in condition 1;
 - (b) as constructed plans and a detailed site plan for each item of infrastructure or component of infrastructure specified in condition 1; and
 - (c) 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

Commencement and duration

4. The works approval holder may only commence time limited operations for an item of infrastructure identified in condition 1 where the Environmental Compliance Report as required by condition 2 has been submitted by the works approval holder for that item of infrastructure.
5. The works approval holder may conduct time limited operations for an item of infrastructure specified in condition 1:
 - (a) for a period not exceeding 180 calendar days from the day the works approval holder meets the requirements of condition 3 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*, if one is granted before the end of the period specified in condition 6 (a).

Time limited operations requirements

6. The works approval holder must only accept waste via the transfer shed, of a type that:
 - (a) the quantity accepted is below the quantity limit specified in Table 2; and
 - (b) meets the relevant acceptance specification, as set out in Table 2.

Table 2: Waste Acceptance Criteria

Waste Type	Quantity limit	Acceptance Specification
Clean fill	A combined limit of 3,000 tonnes per annual period.	None specified
Inert Waste Type 1		None specified
Inert Waste Type 2		None specified
Special Waste Type 1		Accept only Asbestos or ACM ² which is wrapped or otherwise contained in a manner that prevents Asbestos or ACM fibres entering the atmosphere during receipt and handling.
Putrescible Waste		Residential municipal solid waste dropped off by residents.
Contaminated Solid Waste		Must meet the Acceptance Criteria for Class II landfills.

Infrastructure and Equipment

7. During time limited operations, the works approval holder must ensure that the premises infrastructure and equipment listed in Table 3 and located at the corresponding infrastructure location is maintained and operated in accordance with the corresponding operational requirement set out in Table 3.

Table 3: Infrastructure and equipment requirements during time limited operations

Site infrastructure and equipment	Operational requirement	Infrastructure location
Transfer shed	<ul style="list-style-type: none"> All unloading of accepted waste must occur within the transfer shed. Waste to be removed from the transfer shed by the close of business each day. Concrete slab to be maintained free of leaks and defects. 	Depicted in Schedule 1, Figure 1.

Emissions During Time Limited Operations

8. The works approval holder must take all reasonable and practicable measures to prevent stormwater run-off becoming contaminated.
9. The works approval holder shall immediately recover, or remove and dispose of, spills of environmentally hazardous materials including fuel, oil, or other hydrocarbons, whether inside or outside an engineered containment system.

Monitoring during time limited operations

10. The works approval holder must record the total amount of waste accepted via the transfer shed, for each waste listed in Table 4, in the corresponding unit, and for each corresponding frequency, as set out in Table 4.

Table 4: Waste acceptance via transfer shed

Waste input	Unit	Frequency
As specified in Table 2	tonnes	each load arriving at the premises.

Compliance reporting

11. The works approval holder must submit to the CEO a report on the time limited operations within 30 calendar days of the completion date of time limited operations or 30 calendar days before the expiration date of the works approval, whichever is the sooner.
12. The works approval holder must ensure the report required by condition 11 includes the following:
- (a) a summary of the time limited operations, including timeframes and amount of waste accepted via the transfer shed;
 - (b) a review of performance and compliance against the conditions of the works approval; and
 - (c) where the manufacturer's design specifications and the conditions of this works approval have not been met, what measures will the works approval holder take to meet them, and what timeframes will be required to implement those measures.

Records and reporting (general)

13. 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.
14. 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) any maintenance of infrastructure that is performed in the course of complying with condition 7;
 - (c) monitoring programmes undertaken in accordance with condition 10; and
 - (d) complaints received under condition 13.

- 15.** The books specified under condition 14 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 have the meanings defined.

Table 5: Definitions

Term	Definition
annual period	a 12 month period commencing from 1 January until 31 December.
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
critical containment infrastructure	means the items of infrastructure listed in condition T2.
Critical Containment Infrastructure Report	means a report to satisfy the CEO that works of critical containment infrastructure have been constructed in accordance with the works approval.
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 commissioning	means the sequence of activities to be undertaken to test equipment integrity and operation, or to determine the environmental performance, of equipment and infrastructure to establish or test a steady state operation and confirm design specifications.
Environmental Commissioning Report	means a report on any commissioning activities that have taken place and a demonstration that they have concluded, with focus on emissions and discharges, waste containment, and other environmental factors.
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</i> (WA).

Term	Definition
EP Regulations	<i>Environmental Protection Regulations 1987 (WA).</i>
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.
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 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 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.

VERTICAL DATUM: AUSTRALIAN HEIGHT DATUM
HORIZONTAL DATUM: MGA 94 ZONE 50

ASSET
ENGINEERING
ENVIRONMENT
NOISE
SPATIAL
WASTE

talīs
consultants

PERTH
400 Newcastle Street, Level 10, WA 6000
400 New 400 Newcastle Street, Level 10, WA 6000

WAROONA
SHEEDS

NOTES

1. This drawing is the property of Talis Consultants Pty Ltd. It is to be used for the purpose for which it was prepared and must not be copied, used, or in any way disclosed without prior written consent.
2. Do NOT SCALE. Use figures dimensions only. If in doubt please contact Talis Consultants.
3. Parts of this drawing is intended to be in COLOR. Check if in black printing may cause errors or misinterpretation. If this is the case, please contact Talis Consultants.

Project: WAROONA WTS SHED DESIGN

Sheet: STRUCTURAL PLAN

Scale: 1:100

Drawn: VJ

Checked: AE

Approved: SH

TC22006 S-101

Date: 17.02.2022

Page: 1

W6749/2022/1 (21/02/2023)
IR-T05 Works approval template (v6.0) (September 2022)



