



Works Approval

Works approval number	W6514/2021/1
Works approval holder	Department of Planning, Lands and Heritage
Registered business address	Level 2, 140 William Street Perth WA 6000
DWER file number	DER2021/000044
Duration	01/04/2021 to 31/03/2024
Date of issue	01/04/2021
Premises details	GoGo Station Inert Landfill Part of 68 on Deposited Plan 238022 Certificate of Title Volume LR3051 Folio 959

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)	Assessed production/design capacity
Category 63: Class I inert landfill site: premises (other than clean fill premises) on which waste of a type permitted for disposal for this category of prescribed premises, in accordance with the <i>Landfill Waste Classification and Waste Definitions 1996</i> , is accepted for burial.	20,000 tonnes per annual period

This works approval is granted to the works approval holder, subject to the attached conditions, on 1 April 2021, by:

Stephen Checker

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
01/04/2021	W6514/2021/1	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 the infrastructure and/or equipment;
 - (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.	Unlined Containment Cell	<ul style="list-style-type: none">▪ Maximum depth of the cell is to be no greater than 2.5 mbgl.▪ Walls to be no steeper than 1V:2.5H and battered at 1.5m high with a minimum 0.5m bench.	Zone 1 - Schedule 1 Maps
2.	Capping	<ul style="list-style-type: none">▪ The capping layer is to comprise a high visibility geotextile warning barrier overlain with a of layer soil meeting the requirements of clean fill material with a minimum thickness of 0.5m▪ Clean fill material used in capping is to be preferentially sourced from the excavation of the containment cell, but may be sourced externally where the unsuitability of excavated material or inadequate excavated material volumes can be demonstrated.▪ The capping layer is to be compacted to a minimum 98% standard maximum dry density (SMDD) for cohesive capping soil and minimum 75% density index (DI) for cohesionless capping soil.▪ The final capping layer is to be compacted and contoured to facilitate surface water run-off and minimise ponding.	Zone 1 - Schedule 1 Maps

Compliance reporting

2. The works approval holder must within 30 calendar days of the unlined containment cell required by condition 1 being constructed:
 - (a) undertake an audit of its 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.
- 4. The works approval holder must within 30 calendar days of the Capping required by condition 1 being constructed:
 - (a) undertake an audit of its compliance with the requirements of condition 1; and
 - (b) prepare and submit to the CEO an Environmental Compliance Report on that compliance.
- 5. The Environmental Compliance Report required by condition 4, 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;
 - (c) rationale, volumes and source associated with the use of any externally sourced Clean Fill used in capping as specified in condition 1, and
 - (d) 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

- 6. The works approval holder may only commence time limited operations for the infrastructure identified in condition 1 where the Environmental Compliance Report as required by condition 3 has been submitted by the works approval holder for that item of infrastructure.
- 7. The works approval holder may conduct time limited operations for the infrastructure specified in condition 1 for a period not exceeding 60 calendar days from the day the works approval holder meets the requirements of condition 2 (as applicable) for that item of infrastructure.
- 8. The works approval holder must only accept onto the premises waste of a waste type, which does not exceed the corresponding rate at which waste is received, and which meets the corresponding acceptance specification set out in Table.

Table 2: Types of waste authorised to be accepted onto the premises

Waste type	Rate at which waste is received	Acceptance specification
Inert Waste Type 1 and Special Waste Type 1	A maximum 20,000 tonnes as a campaign disposal operation in the first year of operation only	Putrescible waste must not be accepted. Waste and waste stockpiles to be kept damp in accordance with condition 11 such that discharge of visible dust or fibers from waste stockpiles, uncovered waste, waste transport trucks and waste handling operations is not able to occur
Clean Fill (externally sourced)	N/A	Rationale for the use of any externally sourced Clean Fill in Capping in accordance with condition 1 is to be submitted with the Environmental Compliance Report required by condition 5

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*.

Note 2: Clean fill sourced from the onsite containment cell excavation is not considered 'accepted' for the purposes of this works approval

9. The works approval holder shall ensure that where waste does not meet the waste acceptance criteria set out in Table 2 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.
10. The works approval holder shall ensure that wastes accepted onto the Premises are only subjected to the processes set out in Table 3 and in accordance with any process limits described in that Table.

Table 3: waste processing

Waste type	Process(es)	Process limits ¹
Inert Waste Type 1	Receipt, handling, associated burial	<u>All waste types</u>
Special waste type 1		All wastes shall be buried in the unlined containment cell. Waste deposited in the containment cell is to be compacted to a minimum 95% SMDD for cohesive soil and maximum 70% DI for cohesionless soil.
Clean Fill (externally sourced)	Capping of unlined containment cell	N/A

Note 1: 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*.

11. The works approval holder shall ensure all waste stockpiles and uncapped waste in the containment cell must be kept in a damp state sufficient to prevent the lift-off of visible dust throughout time limited operations.
12. The works approval holder must maintain a water cart at the premises during all times

outlined in condition 16 for use in wetting down waste stockpiles and waste in accordance with condition 11.

13. The works approval holder must ensure that no stockpile disturbance or dust-generating activities occurs under time limited operations when the wind direction is north-east.
14. All machinery employed on the Premises must be fitted with silencers to attenuate noise.
15. The works approval holder shall implement the following security measures at the site:
 - (a) erect and maintain suitable fencing to prevent unauthorised access to the site; and
 - (b) ensure that any entrance gates to the premises are securely locked when the premises are unattended; and
 - (c) undertake regular inspections of all security measures and repair damage as soon as practicable.
16. The works approval holder must not undertake works or time limited operations on Sundays, public holidays or outside of the hours 7am to 6pm Monday to Friday and 7am to 5pm Saturday.
17. The works approval holder must monitor asbestos airborne fibre in accordance with the National Occupational Health and Safety Commission 2005 *Guidance Note on the Membrane Filter Method for Establishing Airborne Asbestos Dust (NOHSC:3003)* and:
 - (a) establish at least four (4) monitoring sites ensuring at least one monitoring station is located between potential sources of asbestos-contaminated dust and the Bayulu Community;
 - (b) monitoring must be undertaken daily during time limited operations and thereafter until the capping of the containment cell has been completed; and
 - (c) the analytical results from the airborne fibre monitoring is to be assessed against the DoH (2009) para-occupational limit for asbestos of 0.01 fibres per mL.

Compliance reporting

18. 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.
19. The works approval holder must ensure the report required by condition 18 includes the following:
 - (a) a summary of the time limited operations, including timeframes and amount of material processed;
 - (b) a summary of the environmental performance of all infrastructure as constructed, pollution control measures and operations including any issues identifies and remedial actions undertaken;
 - (c) a review of performance and compliance against the conditions of the works approval; and
 - (d) a summary of the monitoring undertaken under condition 17.

Records and reporting (general)

- 20.** 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.
- 21.** 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 1; and
 - (c) complaints received under condition 20.
- 22.** The books specified under condition 21 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
books	has the same meaning given to that term under the EP Act.
Clean Fill	as defined in the Landfill Definitions.
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
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.
DoH (2009)	Department of Health. Guidelines for the Assessment, Remediation and Management of Asbestos Contaminated Sites in Western Australia. May 2009.
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 has been constructed 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	as defined in the Landfill Definitions.
Landfill Definitions	<i>Landfill Waste Classification and Waste Definitions 1996</i> , 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 in Schedule 1 to this works approval.
prescribed premises	has the same meaning given to that term under the EP Act.
Putrescible waste	as defined in the Landfill Definitions.

Term	Definition
Special Waste Type 1	as defined in the Landfill Definitions.
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 as Zone 1.

