



# Works Approval

**Works approval number** W2843/2025/1

**Works approval holder** Phosphate Resources Ltd

**ACN** 009 396 543

**Registered business address** 6 Thorogood Street  
BURSWOOD WA 6100

**DWER file number** APP-0026860

**Duration** 06/06/2025 to 05/06/2030

**Date of issue** 06/06/2025

**Premises details** Christmas Island Phosphates  
Christmas Island  
INDIAN OCEAN TERRITORIES WA 6798  
Legal description -  
Mining Tenement MCI 70/1A  
As defined by the premises map in Schedule 1 of  
this Works Approval

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i> )	Assessed 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.	22,000 tonnes per year

This works approval is granted to the works approval holder, subject to the attached conditions, on 6 June 2025, by:

Grace Heydon

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
06/06/2025	W2843/2025/1	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 and/or equipment;
  - (b) in accordance with the corresponding design and construction / installation requirements; and
  - (c) at the corresponding infrastructure location; and
  - (d) within the corresponding timeframe,
 as set out in Table 1.

**Table 1: Design and construction / installation requirements**

	Infrastructure	Design and construction / installation requirements	Infrastructure location
1.	Landfill cell	a) Constructed within the existing mine field depression, shown as "Proposed landfill area" in Schedule 1, Figure 2. b) Designed and constructed to meet a minimum capacity of 71,000 m <sup>3</sup> . c) The base of the landfill cell must be a minimum of 2 m above the highest seasonal groundwater level. d) The base of the landfill cell is to be graded to create a safe and trafficable surface for tipping. e) The landfill cell is to be divided into two separate areas by a minimum 0.5 m wide clean fill separation barrier - one area being for the disposal of tyres/conveyor belts and the other for scrap metal. f) A ramp is to be constructed for the placement of waste into the landfill. g) A 3 m buffer zone free of combustible materials is to be maintained around the landfill cell.	As shown in Schedule 1, Figure 1 and Figure 2
2.	Stormwater management	a) The stormwater management system must be designed and constructed to divert stormwater from the landfill and to retain water that has come into contact with the waste on site.	Within the prescribed premises boundary shown in Schedule 1, Figure 1

	Infrastructure	Design and construction / installation requirements	Infrastructure location
3.	Fence	a) A 1.8 m high chain-link fence must be installed at the entrance of the landfill to prevent unauthorised access. b) Locked gate(s) are to be provided to permit authorised access only.	Within the prescribed premises boundary shown in Schedule 1, Figure 1

### Dust management

2. The works approval holder must ensure that sufficient water is available onsite during construction activities to reduce dust emissions via dampening of exposed surfaces.

### Fire and Emergency Management Plan

3. The works approval holder must prepare, maintain and implement a Fire and Emergency Management Plan for the premises by no later than 30 September 2025.

### Post-closure and Rehabilitation Plan

4. The works approval holder must have a post-closure and rehabilitation plan for the premises, prepared by a professional landfill design consultant, that sets out:
- (a) the estimated final contours of the site, after allowing for settlement, and specifying to what extent settlement has been allowed for;
  - (b) details on the capping design and capping materials proposed to be used for the final capping of the landfill;
  - (c) a proposed system of drainage for the site;
  - (d) measures proposed for the protection of the environment and the monitoring of the site post-closure; and
  - (e) the estimated period for which the site will require protection and monitoring.

### Compliance reporting

5. The works approval holder must within 60 calendar days of an item of infrastructure or equipment 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.
6. The Environmental Compliance Report required by condition 5, must include as a minimum the following:
- (a) certification by an authorised representative of the works approval holder 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) a detailed site plan for each item of infrastructure or component of infrastructure specified in condition 1;
  - (c) the Fire and Emergency Management Plan specified in condition 3; and
  - (d) the Post-closure and Rehabilitation Plan specified in condition 4.

## Time Limited Operations Phase

### Commencement and duration

7. 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 5 of this works approval.
8. 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 7 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 8(a).
9. 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 operational requirements during time limited operations**

	Infrastructure	Operational requirements	Infrastructure location
1.	Landfill cell	a) The landfill cell must only be filled with scrap metal, and Inert Waste Type 2 (tyres and conveyors), in accordance with Table 4. b) The landfilling activities are to be managed to ensure that: <ol style="list-style-type: none"> <li>i) waste is covered, levelled and compacted to an even density within 21 days of being discharged;</li> <li>ii) waste is placed and compacted to ensure that all faces are stable and capable of retaining restoration material; and</li> <li>iii) scrap metal and tyre/conveyor belt landfilling areas must remain separated by an earthen bund.</li> </ol>	As shown in Schedule 1, Figure 1 and Figure 2
2.	Stormwater management system	a) Must be maintained to divert stormwater from the landfill and retain water on the premises.	Within the prescribed premises boundary shown in Schedule 1, Figure 1
3.	Fence	a) Must be maintained in good condition to prevent unauthorised access. b) Gates must be locked when the facility is not in use. This includes any period during which no staff members are present on site.	Within the prescribed premises boundary shown in Schedule 1, Figure 1

## Pest and weed control

- 10.** The works approval holder must implement the following animal, pest, and weed management measures:
- (a) check and record the integrity of the entry fence and gate on a monthly basis and undertake repairs within 1 week of any damage being identified;
  - (b) undertake vermin prevention measures including baiting; and
  - (c) inspect the premises monthly for the presence of weeds, record visible observations of the inspections and take and record measures to prevent the spread and growth of weeds.

## Waste acceptance

- 11.** The works approval holder must only accept onto the premises waste of a waste type that:
- (a) does not exceed the rate at which waste is received for the specified prescribed premises categories; and
  - (b) which meets the corresponding acceptance specification, as set out in Table 3.

**Table 3: Types of waste authorised to be accepted onto the premises**

	Waste Type	Rate at which waste is received	Acceptance specification
1.	Scrap metal	22,000 tonnes per annual period	a) Only scrap metal from Phosphate Resources Ltd operations is to be accepted for burial.
2.	Inert Waste Type 2 (Tyres and conveyors)		a) Only tyres and conveyor belts from Phosphate Resources Ltd operations are to be accepted for burial.
3.	Clean fill/ uncontaminated fill	N/A	a) Accepted as a cover material only. b) May include overburden identified as a suitable cover material.

## Waste processing

- 12.** The works approval holder must ensure that the wastes specified in Table 4 are only subjected to the corresponding processes, subject to the corresponding process limits and/or specifications.

**Table 4: Waste processing**

	Waste Type	Processes	Process limits and/or specifications
1.	Scrap metal	Disposal by landfilling	a) Landfilling of scrap metal must occur in a designated area within the landfill cell, separate to the area used for landfilling of tyres and conveyor belts.
2.	Inert Waste Type 2 (Tyres and conveyors)	Disposal by landfilling	a) Tyres and conveyor belts must be landfilled within their designated area within the landfill cell in batches. b) Batches of tyres and conveyor belts must be separated from each other by at least 100 mm of soil. c) Each batch landfilled must not consist of more than: <ul style="list-style-type: none"> <li>i. 1,000 whole tyres; or</li> <li>ii. 40 m<sup>3</sup> of tyre pieces and/or conveyor belts</li> </ul>
3.	Clean fill / uncontaminated fill	Stockpiling and use as cover material	a) Must be stockpiled on the premises in sufficient quantities to ensure that waste is covered to a depth of 200 mm within 21 days of being discharged.

### Monitoring during time limited operations

- 13.** The works approval holder must record the total amount of waste accepted onto the premises, for each waste type listed in Table 5, in the corresponding unit, and for each corresponding time period, as set out in Table 5.

**Table 5: Waste accepted onto the premises**

Waste Type	Units	Time period
Waste accepted in accordance with Table 3	Tonnes	Each load arriving at the premises

## Records and reporting (general)

- 14.** 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.
- 15.** 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; and
  - (b) any maintenance of infrastructure that is performed in the course of complying with conditions 9 and 10;
  - (c) monitoring programmes undertaken in accordance with conditions 10 and 13; and
  - (d) complaints received under condition 14.
- 16.** The books specified under condition 15 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 6 have the meanings defined.

**Table 6: Definitions**

Term	Definition
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 <a href="mailto:info@dwer.wa.gov.au">info@dwer.wa.gov.au</a>
clean fill	has the meaning defined in the <a href="#">Landfill Definitions</a> .
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</i> (WA).
EP Regulations	<i>Environmental Protection Regulations 1987</i> (WA).
Inert Waste Type 2	has the meaning defined in the <a href="#">Landfill Definitions</a> .
Landfill Definitions	means the <a href="#">Landfill Waste Classification and Waste Definitions 1996 (as amended 2019)</a>
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.
scrap metal	means ferrous and non-ferrous metal that is unwanted or discarded.
time limited operations	refers to the operation of the infrastructure and equipment identified under this works approval that is authorised for that

Term	Definition
	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.

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**END OF CONDITIONS**

## Schedule 1: Maps

### Premises map

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

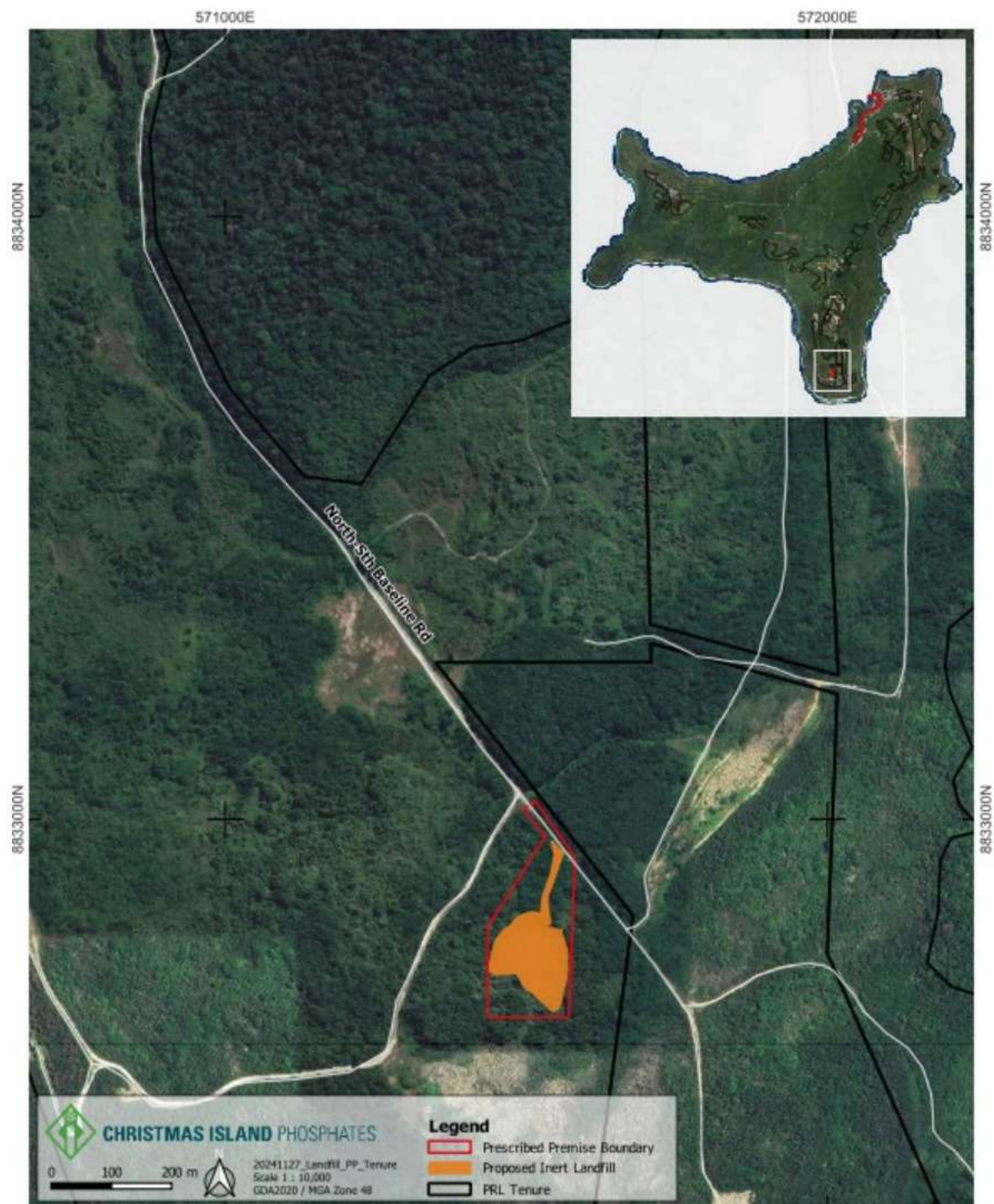


Figure 1: Map of the boundary of the prescribed premises





Figure 2: Proposed landfill area