



<b>Works approval number</b>	W6329/2019/1	
<b>Works approval holder</b>	Mid West Ports Authority	
<b>Registered business address</b>	298 Marine Terrace GERALDTON WA 6530	
<b>DWER file number</b>	DER2019/000629	
<b>Duration</b>	22/01/2020 to	22/01/2023
<b>Date of issue</b>	4 January 2021	
<b>Premises details</b>	Port of Geraldton 298 Marine Terrace GERALDTON WA 6530  Legal description – Part of Lot 503 on Plan 57801 (as defined by the coordinates in Schedule 1)	

<b>Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)</b>	<b>Assessed production capacity</b>
Category 58: Bulk material loading or unloading: premises on which clinker, coal, ore, ore concentrate or any other bulk granular material (other than salt) is loaded onto or unloaded from vessels by an open materials loading system	Five shipments in total, each of not more than 10,500 tonnes of mineral sands concentrate (MSC)

This works approval is granted to the works approval holder, subject to the attached conditions, as amended on 4 January 2021, by:

Ms Terrel MacGregor  
A/MANAGER – RESOURCE INDUSTRIES  
REGULATORY SERVICES

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

## Works approval history

Date	Reference number	Summary of changes
23/01/2020	W6329/2019/1	Works approval granted
25/09/2020	W6329/2019/1	Works approval amendment to authorise additional shipments of mineral sands concentrate under time limited operations
4/01/2021	W6329/2019/1	Summary report on time limited operations to be submitted following completion of the fourth shipment rather than the fifth and final shipment.

## 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:

### Time limited operations phase

#### Commencement and duration

1. The works approval holder may conduct time limited operations for the export of MSC:
  - (a) for a maximum of five shipments of MSC from the original issue date of this works approval; and
  - (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*.

#### Time limited operations requirements

2. During time limited operations, the works approval holder must ensure that the premises infrastructure and equipment listed in Table 1 and located at the corresponding infrastructure location is maintained and operated in accordance with the corresponding operational requirement set out in Table 1:

**Table 1 Infrastructure and equipment requirements during time limited operations**

	Activity	Operational requirement	Infrastructure location
1.	Export of MSC concentrate	<ul style="list-style-type: none"> <li>MSC loaded from Berth 6</li> <li>MSC loaded in sealed containers that are emptied into the hold of the vessel using a rotating tipping frame</li> <li>Containing a product moisture content between 4 % and 8.5 % w/w, as averaged over each shipment, with each shipment details recorded and maintained.</li> <li>Loaded from vertical drop height of less than 2 metres within the hold of the vessel</li> <li>Following each shipment of MSC, areas must be swept where mineral sand was loaded and transported including, but not limited to, Berth 6 and the trafficable route in and out of that Berth</li> <li>MSC waste material to be recovered from Berth clean-up activities is returned to Eneabba mine site</li> </ul>	Schedule 1: Maps

### Notification during time limited operations

- The works approval holder must notify the CEO, at least 7 days prior to, the commencement date of each shipment of MSC exported from the premises.
- The works approval holder must notify the CEO, within 7 days after, the completion date of each shipment of MSC exported from the premises.

### Compliance reporting

- The works approval holder must submit to the CEO a summary report on the time limited operations within 28 calendar days of the completion date of the fourth shipment authorised under time limited operations.
- The works approval holder must ensure the summary report required by condition 5 includes:
  - a summary of environmental radiation and fugitive dust monitoring conducted during each shipment of MSC, including a correlation of the results against dust exceedances recorded at the premises;
  - where environmental performance has not met expectations, measures proposed to meet the requirements of conditions of this works approval, together with timescales for implementing the proposed measures.

### Records and reporting (general)

- The works approval holder must obtain and maintain accurate records of the representative moisture content for each shipment of MSC during the time limited operational phase.
- 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:

- (c) the time limited operations conducted in accordance with conditions 1 and 2 inclusive; and
- (d) 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 2 have the meanings defined.

**Table 2: Definitions**

Term	Definition
ACN	Australian Company Number
books	has the same meaning given to that term under the EP Act
CEO	means Chief Executive Officer of the Department 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>
condition	means a condition to which this works approval is subject under s.62 of the EP Act
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 first two MSC shipments have been conducted in accordance with the works approval
EP Act	means the <i>Environmental Protection Act 1986</i> (WA)
EP Regulations	means the <i>Environmental Protection Regulations 1987</i> (WA)
moisture content	means the ratio of the mass of water in a sample to the mass of solids in the sample, expressed as a percentage. In equation form: $w = \frac{m_1 - m_2}{m_1} \times 100$ where: w = moisture content of sample; m <sub>1</sub> = initial mass, in grams, of the test portion; and m <sub>2</sub> = mass, in grams, of the test portion after drying
MSC	Mineral Sands Concentrate
Premises	the premises to which this works approval applies, as specified at the front of this works approval and as shown on the map in Schedule 2 to this works approval
prescribed premises	has the same meaning given to that term under the EP Act
time limited operational phase	means full ship loading activities permitted under this works approval, subject to conditions, whilst an application for an amendment to the licence for the Premises is being assessed
works approval	refers to this document, which evidences the grant of the works approval by the CEO under s.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



UNIVERSAL TRANSVERSE MERCATOR PROJECTION  
 HORIZONTAL DATUM: GEOCENTRIC DATUM OF AUSTRALIA 1994  
 Grid lines indicate 1 500 metre interval of the Map Grid Australia Zone 50  
 The Map Grid Australia (MGA) is based on the Geocentric Datum of Australia 1994 (GDA 1994)  
 GDA94 positions are compatible within one metre of the datum WGS84 positions

PREMISES MAP AND SURROUNDING FEATURES

### PORT OF GERALDTON



Government of Western Australia  
 Department of Water and Environmental Regulation

The Department of Water and Environmental Regulation does not guarantee that this map is without flaw of any kind and disclaims all liability for any errors, loss or other consequence which may arise from relying on any information depicted.