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| Works approval number | W6733/2022/1 |
| Works approval holder | The Western Australian Land Authority |
| Registered business address | 40 The Esplanade PERTH WA 6000 |
| DWER file number | DER2022/000401 |
| Duration | 30/01/2023 to 29/01/2026 |
| Date of issue | 30/01/2023 |
| Premises details | Ocean Reef Marina Reclamation Earthworks Hodges Drive, Ocean Reef Legal description - Part of Lot 15446 on Deposited Plan P040340, Lot 555 on Deposited Plan P402198 and Lot 1029 on Deposited Plan 57604, JOONDALUP As defined by the premises maps attached to the issued works approval |

| Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>) | Assessed production / design capacity |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|
| Category 12: Screening, etc. of material: premises (other than premises within category 5 or 8) on which material extracted from the ground is screened, washed, crushed, ground, milled, sized or separated. | 200,000 tonnes per year |

This works approval is granted to the works approval holder, subject to the attached conditions, on 30 January 2023, by:

**A/Senior 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 |
|------------|------------------|------------------------|
| 30/01/2023 | W6733/2022/1 | 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) install the infrastructure and/or equipment;
 - (b) in accordance with the corresponding design and installation requirements; and
 - (c) at the corresponding infrastructure location,as set out in Table 1.

Table 1: Design and construction requirements

| | Infrastructure and equipment | Design and installation requirements | Location |
|----|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| 1. | Crusher | <u>General</u> | Within the premises boundary but not further east than the location point shown on the Premises Map in Schedule 1 |
| 2. | Screen | (a) Crusher design capacity up to 400 tph (b) Screen design capacity up to 200 tph (c) Screen and Crusher installed as per the manufacturer's specifications <u>Noise Control</u> (d) Equipment will be positioned where its impact on receptors is minimised; (e) Noise bunds / screens for specific noise-generating equipment will be installed around the premises if required | |
| 3. | Mobile equipment, including: Front end loaders (e.g., Cat 980/988) and Water Cart | <u>Noise control:</u> (a) Noise bunds/screens for specific noise-generating equipment will be installed around the premises if required <u>Direct discharge control:</u> (b) A spill kit must be located adjacent to refuelling areas; (c) Spills of environmentally hazardous materials, including fuel, oil, or other hydrocarbons, inside or outside an engineered containment system must be recovered or removed and disposed of all material used for the recovery, removal, and/or disposal of environmentally hazardous materials will be stored in an impermeable container before disposal at an appropriately authorised facility; (d) Refuelling will take place on hardstand | |

Compliance reporting

2. The works approval holder must within 30 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(s) 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 that the crushing and screening 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) 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; 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

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 3 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 6 (as applicable);
 - (a) for a period not exceeding 180 calendar days from the day the works approval holder meets the requirements of condition 6 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 5(a).

Time limited operations requirements and emission limits

6. During time limited operations, the works approval holder must ensure that the premises infrastructure and equipment 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

| | Site infrastructure and equipment | Operational requirement | Infrastructure location |
|----|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| 1. | Screen (maximum 200 tph) | <p><u>General</u></p> <p>(a) Constructed and operated as per the manufacturer's specifications;</p> <p>(b) Maintain all mobile equipment as per manufacturer's specifications;</p> <p>(c) Keep suitably stocked spill response equipment close to where spills may occur;</p> <p>(d) Ensure all staff are trained to use the spill response equipment;</p> <p>(e) Contain and clean-up spills as soon as they occur</p> <p><u>Dust</u></p> <p>(f) Wind direction and strength will be observed and dust generating activities suspended or limited when visible dust is caused by strong winds or blown in the direction of nearby sensitive receptors</p> <p><u>Noise</u></p> <p>(g) Equipment will be positioned where its impact on receptors is minimised;</p> <p>(h) Noise bunds/screens for specific noise-generating equipment will be installed around the premises if required;</p> <p>(i) Vehicles, equipment, and machinery will be regularly inspected and maintained, and operated effectively;</p> <p>(j) Vehicles, equipment, and machinery will be turned off when not in use;</p> <p>(k) The operation has to be carried out following AS 2436-2010 Guide to noise and vibration control on construction, demolition and maintenance sites;</p> <p>(l) Noise monitoring will be carried out if deemed necessary in response to complaints or other requests</p> | Within the premises boundary but not further east than the location point shown on the Premises Map in Schedule 1 |
| 2. | Crusher (maximum 400 tph) | | |
| 3. | Operational areas, fuel storage | <p>(a) Uncontaminated stormwater will be diverted around the operational area. This may be achieved using surface-grade changes, bunds, interceptor drains, piping and other drainage systems;</p> <p>(b) Storage of environmentally hazardous materials, including fuel, oil, or other hydrocarbons in quantities greater than 200 L must have an engineered containment system;</p> <p>(c) A spill kit must be located adjacent to refuelling areas;</p> <p>(d) Spills of environmentally hazardous materials, including fuel, oil, or other hydrocarbons, inside or outside an engineered containment system must be recovered or removed and disposed of all material used for the recovery, removal, and/or disposal of environmentally hazardous materials will be stored in an impermeable container before disposal at an appropriately authorised facility;</p> <p>(e) Refuelling will take place on hardstand</p> | |

Emission limits

7. The works approval holder must ensure that no visible dust generated from the crushing and screening activities crosses the boundary of the premises.
8. The works approval holder must manage dust generation at the premises by:
 - (a) wetting down unsealed roads and exposed areas;
 - (b) wetting down stockpiles, pit floor and operational areas;
 - (c) ensure all loads for transport outside the excavation area are covered; and
 - (d) limit all vehicle traffic within the premises to speeds of less than 25km/hour.
9. The works approval holder must ensure that crushing and screening operations at the premises only occur between 07:00 to 18:00 hours, Monday to Saturday.

Monitoring during time limited operations

10. Within 21 days of the commencement of time limited operations the works approval holder must retain the services of a person qualified and experienced in the area of environmental noise assessment and who by their qualifications and experience is eligible to hold membership of the Australian Acoustical Society or the Australian Association of Acoustical Consultants to:
 - (a) investigate the nature and extent of noise emissions from the premises including undertaking noise monitoring during normal operations at the boundary of the closest noise sensitive human receptor;
 - (b) assess in accordance with the methodology required in the *Environmental Protection (Noise) Regulations 1997*, the compliance of the noise emissions from the primary activities, against the relevant assigned levels specified in those Regulations and include the rock crushing in the assessment at least on one occasion; and
 - (c) compile and submit to the works approval holder within one month of the noise assessment being conducted, a report in accordance with condition 11.
11. The report prepared pursuant to condition 10(c) is to include:
 - (a) a description of the methods used for monitoring of noise emissions from the premises;
 - (b) details and the results of the investigation undertaken pursuant to condition 10(a);
 - (c) details and results of the assessment of the noise emissions from the premises, against the relevant assigned levels in the *Environmental Protection (Noise) Regulations 1997* undertaken pursuant to condition 10(b); and
 - (d) an assessment of noise levels against the most recent previous noise assessment.
12. The works approval holder must submit to the CEO the report prepared pursuant to condition 10(c) within 14 days of receiving it.
13. Where an assessment pursuant to condition 10(b) indicates that the noise emissions do not comply with the relevant assigned levels in the *Environmental Protection (Noise) Regulations 1997*, the works approval holder must:
 - (a) Within 60 days of receiving an assessment report pursuant to condition 10(c) prepare a plan to ensure the undertaking of the licensed activity will no longer lead to any contravention of the *Environmental Protection (Noise)*

Regulations 1997; and

- (b) Provide to the CEO a copy of the plan prepared pursuant to condition 13(a) within 30 days of its preparation.

Compliance reporting

- 14. The works approval holder must submit to the CEO a report on the time limited operations within 60 calendar days of the completion date of time limited operations or 60 calendar days before the expiration date of the works approval, whichever is the sooner.
- 15. The works approval holder must ensure the report required by condition 14 includes the following:
 - (a) a summary of the time limited operations, including timeframes and amount of material processed;
 - (b) a review of performance and compliance against the conditions of the works approval and the Time Limited Operations; 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)

- 16. 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.
- 17. 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 conditions 1 and 6; and
 - (c) complaints received under condition 16.
- 18. The books specified under condition 17 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 3 have the meanings defined.

Table 3: 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 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. |
| 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). |
| 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. |
| 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). The premises boundary for category 12 activities is shown in blue. The proposed location for the crusher and screener is shown by the red dot.



Figure 1: Map of the boundary of the prescribed premises.