Government of Western Australia
Department of Water and Environmental Regulation

# Works Approval

| | |
|---|---|
| **Works approval number** | W6857/2023/1 |
| **Works approval holder** | BHP Iron Ore Pty Ltd |
| **ACN** | 008 700 981 |
| **Registered business address** | 125 St Georges Tce<br>PERTH WA 6000 |
| **DWER file number** | DER2023/000627 |
| **Duration** | 26/04/2024 to 25/04/2029 |
| **Date of issue** | 26 April 2024 |
| **Premises details** | Western Ridge<br>Mineral Lease ML244SA, Mining Lease M266SA, Miscellaneous Licence L52/199, General Purpose Leases G52/258, G52/260, G52/261, G52/262, G52/263, G52/264, G52/265, G52/266, G52/267, G52/268, G52/270, G52/271, G52/272, G52/273, G52/274, G52/277, G52/277 and G52/279<br>NEWMAN WA 6753<br>As depicted in Schedule 1 and as defined by the coordinates in Schedule 2 |

| **Prescribed premises category description** (Schedule 1, ***Environmental Protection Regulations 1987***) | **Assessed production / design capacity** |
|---|---|
| Category 5: Processing or beneficiation of metallic or non-metallic ore | 30,000,000 tonnes per year |
| Category 12: Screening, etc. of material | 3,000,000 tonnes per year |
| Category 63: Class I inert landfill site | 115,000 tonnes per year |

This works approval is granted to the works approval holder, subject to the attached conditions, on 26 April 2024, by:

Jarrod Abrahams

Digitally signed by Jarrod Abrahams
Date: 2024.04.26 10:48:15 +08'00'

**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 |
|---|---|---|
| 26/04/2024 | W6857/2023/1 | 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;

(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**

| Item | Infrastructure | Design and construction / installation requirements | Infrastructure location | Timeframe |
|---|---|---|---|---|
| **Category 5** | | | | |
| 1. | General | Dust controls during construction:<br>• Minimising the clearing footprint; and<br>• Use water carts to control dust from exposed areas. | Schedule 1, Figure 1 | Prior to the submittal of the Environmental Compliance Report required by condition 2. |
| 2. | Primary Crusher and ROM Pad | General:<br>• CR4101, including ancillary equipment - Metso Gyratory 7089 MKIII; and<br>• 30 Mtpa.<br>Dust controls:<br>• Dust Suppression Fogging Spray System on the ROM bin;<br>• Deluge system on the ROM bin; and<br>• Narrow loading boots with dust shrouds to minimise air flow up and out of a transfer point.<br>Noise controls (will also assist in reducing dust):<br>• Enclosed transfer points; and<br>• Reduced height of transfer points and speed of falling ore (reducing concertina effect).<br>Stormwater controls:<br>• Primary Crusher Building concrete | Schedule 1, Figure 1 | Prior to the submittal of the Environmental Compliance Report required by condition 2. |

| Item | Infrastructure | Design and construction / installation requirements | Infrastructure location | Timeframe |
|---|---|---|---|---|
| | | bunded;<br>• Transformer compound concrete bunded and containment sump to be lined or constructed to meet a permeability of equal to, or less than, $10^{-9}$ m/s;<br>• There will be no discharge from the sumps with any water taken offsite for disposal by a licensed contractor if required; and<br>• All drainage from earthworks pads flow through sedimentation ponds designed to slow the flow and encourage sediment to settle out.<br>Hydrocarbons/chemcials controls:<br>• Primary Crusher Building is concrete bunded;<br>• Transformer compound concrete bunded and containment sump to be lined or constructed to meet a permeability of equal to, or less than, $10^{-9}$ m/s.<br>• There will be no discharge from the sumps, with any water taken offsite for disposal by a licensed contractor if required. | | |
| 3. | Conveyor System, Transfer and Sample Stations | General:<br>• 2MW PC Discharge Conveyor - 169m long;<br>• Surge Bin (726 tonne live capacity); and<br>• ISO 3082 Sample Station.<br>Dust controls:<br>• BOC sprays on CV4102;<br>• Conveyor hoods or skirts on elevated section of CV4102 inclined greater than 10 degrees; and<br>• Narrow loading boots with dust shrouds to minimise air flow up and out of a transfer point.<br>Noise controls (will also assist in reducing dust):<br>• Enclosed transfer points; and<br>• Reduced height of transfer points and speed of falling ore (reducing | Schedule 1, Figure 1 | Prior to the submittal of the Environmental Compliance Report required by condition 2. |

| Item | Infrastructure | Design and construction / installation requirements | Infrastructure location | Timeframe |
|---|---|---|---|---|
| | | concertina effect).<br>Stormwater controls:<br>• Sample Station Building and Surge Bin Building are concrete bunded; and<br>• All drainage from the earthworks pads will flow through sedimentation ponds designed to slow the flow and encourage sediment to settle out.<br>Hydrocarbons/chemcials controls:<br>• Sample Station Building and Surge Bin Building are concrete bunded. | | |
| 4. | Overland Conveyor System | General:<br>• Overland conveyor (approximately 10,696m);<br>• Dual flight overland conveyor system (CV4104 and CV4105) with transfer stations (TS4104 and TS4105):<br>➢ CV4104 approximately 9,241m;<br>➢ CV4105 approximately 1,455m; and<br>• Runs from the Western Ridge Primary Crusher to the Whaleback Hub Stockyards.<br>Dust controls:<br>• BOC sprays controlled by moisture analyser on CV4104;<br>• BOC sprays controlled by moisture analyser on CV4105;<br>• Narrow loading boots with dust shrouds to minimize air flow up and out of a transfer point; and<br>• Moisture analysers on OLCs to control ore to DEM level.<br>Noise controls (will also assist in reducing dust):<br>• Enclosed transfer points;<br>• Reduced height of transfer points and speed of falling ore (reducing concertina effect); and<br>• Discrete Element Modelling of transfer chutes used to optimise the ore stream flow path. | Schedule 1, Figure 1 | Prior to the submittal of the Environmental Compliance Report required by condition 2. |

| Item | Infrastructure | Design and construction / installation requirements | Infrastructure location | Timeframe |
|---|---|---|---|---|
| | | Stormwater controls:<br>• CV4104 drive station concrete bunded;<br>• TS4104 concrete bunded;<br>• TS4105 concrete bunded;<br>• All drainage from the earthworks pads will flow through sedimentation ponds designed to slow the flow and encourage sediment to settle out; and<br>• OLC formation design for 5% AEP flood event with culverts to maintain natural water courses.<br>Hydrocarbons/chemicals controls:<br>• CV4104 drive station concrete bunded;<br>• TS4104 concrete bunded;<br>• TS4105 concrete bunded;<br>• TS4104 transformer compound concrete bunded and containment sump to be lined or constructed to meet a permeability of equal to, or less than, $10^{-9}$ m/s;<br>• TS4105 transformer compound concrete bunded and containment sump to be lined or constructed to meet a permeability of equal to, or less than, $10^{-9}$ m/s<br>• There will be no discharge from the sumps with any water taken offsite for disposal by a licensed contractor if required. | | |
| 5. | Radial Stacker | General:<br>• Feed conveyor CV4107 is loaded at Transfer station TS4105;<br>• CV4107 discharges onto Radial Stacker conveyor CV4108; and<br>• ST4108 is a rail style Radial Stacker that will build 2x30kt kidney stockpiles (low grade / high grade).<br>Dust controls:<br>• Dust suppression fogging on radial stacker discharge;<br>• 4 stockpile cannons; and<br>• Narrow loading boots with dust | Schedule 1, Figure 1 | Prior to the submittal of the Environmental Compliance Report required by condition 2. |

| Item | Infrastructure | Design and construction / installation requirements | Infrastructure location | Timeframe |
|---|---|---|---|---|
| | | shrouds to minimise air flow up and out of a transfer point.<br>Noise controls (will also assist in reducing dust):<br>• Enclosed transfer points;<br>• Reduced height of transfer points and speed of falling ore (reducing concertina effect); and<br>• Discrete Element Modelling of transfer chutes used to optimize the ore stream flow path.<br>Stormwater controls:<br>• Radial Stacker drive station concrete bunded; and<br>• All drainage from the earthworks pads will flow through sedimentation ponds, designed to slow the flow and encourage sediment to settle out.<br>Hydrocarbons/chemcials controls:<br>• Radial Stacker drive station concrete bunded. | | |
| 6. | Bulk In Hopper Facility | General:<br>• Packaged system that accepts rehandled high-grade feed from the high grade stockpile and transfers it onto CV4106 fixed stacking conveyor.<br>Dust controls:<br>• Dust suppression fogging system on bulking-hopper;<br>• BOC spray on bulking-in feeder; and<br>• Transfer chute onto CV4106 is enclosed.<br>Stormwater controls:<br>• Bulking-in hopper to be concrete bunded with drive-in sump.<br>Hydrocarbons/chemicals controls:<br>• Bulking-in hopper to be concrete bunded with drive-in sump. | Schedule 1, Figure 1 | Prior to the submittal of the Environmental Compliance Report required by condition 2. |
| 7. | OHP4 Stacker / Elevated Feed Conveyor and Fixed Stacker | General:<br>• Fixed stacker conveyor CV4106 that accepts feed from TS4105 and the bulking-in feeder and discharges on | Schedule 1, Figure 1 | Prior to the submittal of the Environmental Compliance |

| Item | Infrastructure | Design and construction / installation requirements | Infrastructure location | Timeframe |
|---|---|---|---|---|
| | | the existing OHP4 COS.<br>Dust controls:<br>• BOC sprays on CV4106 controlled by moisture analyser on CV41406;<br>• Moisture analysers on OLCs to control ore to DEM level; and<br>• Dust suppression fogging system on CV4106 discharge.<br>Noise controls (will also assist in reducing dust):<br>• Reduced height of transfer points and speed of falling ore (reducing concertina effect).<br>Stormwater controls:<br>• CV4106 drive station concrete bunded; and<br>• All drainage from the earthworks pads will flow through sedimentation ponds, designed to slow the flow and encourage sediment to settle out.<br>Hydrocarbons/chemcials:<br>• CV4106 drive station concrete bunded. | | Report required by condition 2. |
| **Category 12** | | | | |
| 8. | Mobile Crushing and Screening Plant | General:<br>• 3Mtpa typically running at 7,000 tonnes per day.<br>Dust controls:<br>• Final plant design yet to be selected, however, works approval holder to notify the department by providing dust and noise controls to be implemented prior to construction commencing.<br>Noise controls:<br>• Construction of the Mobile Crushing and Screening Plant to only occur during daylight hours. | Schedule 1, Figure 1 | Prior to the submittal of the Environmental Compliance Report required by condition 2. |
| **Category 63** | | | | |
| 9. | Landfill Facility | • Maximum capacity 115,000 tonnes per year; | Schedule 1, Figure 1 | Prior to the submittal of the Environmental |

| Item | Infrastructure | Design and construction / installation requirements | Infrastructure location | Timeframe |
|---|---|---|---|---|
| | | • Footprint of 3.85 ha;<br>• The separation distance between the base of the landfill and the highest groundwater level must not be less than 2m;<br>• The separation distance between the landfill and the nearest surface water body level must not be less than 100m; and<br>• Earthen bund must be installed around the landfill to prevent stormwater entering or leaving the facility. | | Compliance Report required by condition 2. |
| **Other infrastructure** | | | | |
| 10. | Bulk hydrocarbons / chemicals storage. | • Fuel facilities to be self bunded / self contained;<br>• Vehicle refueling points to be located within concrete bunded areas and have OWS to treat potentially contaminated water; and<br>• OWS designed to treat water to equal or < 15 mg/L TRH;<br>• Sump to collect water post treatment via the OWS;<br>• Storage tank to store water transferred from the sump;<br>• Double containment for hydrocarbons; and<br>• Spill kit included. | Schedule 1, Figure 1 | Prior to the submittal of the Environmental Compliance Report required by condition 2. |

## 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 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 suitably qualified person 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.

## Environmental commissioning phase

### Environmental commissioning requirements and emission limits

**4.** The works approval holder may only commence environmental commissioning of an item of infrastructure identified in condition 5 once the Environmental Compliance Report has been submitted for that item of infrastructure in accordance with condition 2 and 3 of this works approval.

**5.** Any environmental commissioning activities undertaken for an item of infrastructure specified in Table 2 may only be carried out:

(a) In accordance with the corresponding commissioning requirements; and

(b) For the corresponding authorised commissioning duration.

**Table 2: Environmental commissioning requirements**

| | Infrastructure | Commissioning requirements | Authorised commissioning duration |
|---|---|---|---|
| **Category 5** | | | |
| 1. | Primary Crusher and ROM Pad | • Dust controls and extraction equipment regularly maintained;<br>• Stormwater drainage controls regularly maintained; and<br>• To ensure the following facility controls are working effectively:<br>➢ Dust Controls: daily inspections during active construction hours;<br>➢ Stormwater controls: daily inspections during wet weather events; and<br>➢ Hydrocarbons / chemicals: weekly inspections moving to daily during wet weather. | For a period not exceeding 21 calendar months in aggregate |
| 2. | Conveyor System, Transfer and Sample Stations | | |
| 3. | Overland Conveyor System | | |
| 4. | Radial Stacker | | |
| 5. | Bulk In Hopper Facility | | |
| 6. | OHP4 Stacker / Elevated Feed Conveyor and Fixed Stacker | | |
| **Category 12 – N/A** | | | |
| **Category 63 – N/A** | | | |

**6.** The works approval holder must submit to the CEO an Environmental Commissioning Report within 60 calendar days of the completion date of environmental commissioning for each item of infrastructure specified in Table 2.

**7.** The works approval holder must ensure the Environmental Commissioning Report required by condition 6 of this works approval includes the following:

(a) A summary of the environmental commissioning activities undertaken, including timeframes and amount of material processed;

(b) A summary of the environmental performance of each item of infrastructure or equipment as constructed or installed (as applicable), which at minimum includes records detailing the:

(i) Environmental commissioning of the system;

(ii) Testing the system; and

(iii) Commissioning of the process control system; and

(c) A review of the works approval holder's performance and compliance against the conditions of this works approval; and

(d) Where they have not been met, measures proposed to meet the manufacturer's design specifications and the conditions of this works approval, together with timeframes for implementing the proposed measures.

## Time limited operations phase

### Commencement and duration

**8.** The works approval holder may only commence time limited operations for an item of infrastructure identified in condition 10:

(a) where the item of infrastructure is not authorised to undertake environmental commissioning, the Environmental Compliance Report as required by condition 2 and 3 has been submitted by the works approval holder for that item of infrastructure; or

(b) where the item of infrastructure is authorised to undertake environmental commissioning under condition 4, the Environmental Commissioning Report for that item of infrastructure as required by condition 6 and 7 has been submitted by the works approval holder.

**9.** The works approval holder may conduct time limited operations for an item of infrastructure specified in condition 10 (as applicable):

(a) for a period not exceeding 180 calendar days from the day the works approval holder meets the requirements of condition 8 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 9(a).

### Time limited operations requirements

**10.** During time limited operations, the works approval holder must ensure that the premises infrastructure and equipment listed in 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**

| Item | Site infrastructure and equipment | Operational requirement | Infrastructure location |
|---|---|---|---|
| **Category 5** | | | |
| 1. | Primary Crusher and ROM Pad | • Dust controls and extraction equipment regularly maintained (as specified in Table 1);<br>• Stormwater drainage controls regularly maintained; and<br>• To ensure the following facility controls are working effectively:<br>➢ Dust Controls: daily inspections during active construction hours;<br>➢ Stormwater controls: daily inspections during wet weather events; and<br>➢ Hydrocarbons / chemicals: weekly inspections moving to daily during wet weather. | Schedule 1, Figure 1 |
| 2. | Conveyor System, Transfer and Sample Stations | | Schedule 1, Figure 1 |
| 3. | Overland Conveyor System | | Schedule 1, Figure 1 |
| 4. | Radial Stacker | | Schedule 1, Figure 1 |
| 5. | Bulk In Hopper Facility | | Schedule 1, Figure 1 |
| 6. | OHP4 Stacker / Elevated Feed Conveyor and Fixed Stacker | | Schedule 1, Figure 1 |
| **Category 12** | | | |
| 7. | Mobile Crushing and Screening Plant | • Dust controls and extraction equipment regularly maintained (as specified in Table 1);<br>• Stormwater drainage controls regularly maintained; and<br>• To ensure the following facility controls are working effectively:<br>➢ Dust Controls: Daily inspections during active construction hours;<br>➢ Stormwater controls: daily inspections during wet weather events; and<br>➢ Hydrocarbons / chemicals: weekly inspections moving to daily during wet weather. | Schedule 1, Figure 1 |
| **Category 63** | | | |
| 8. | Landfill Facility | • Must only dispose of Inert Waste Type 1 and Inert Waste Type 2 (excluding tyres);<br>• Inert Waste Type 2 (i.e. light-weight plastic materials) to be covered with clean fill, soil or a dense, inert and incombustible material on a daily basis;<br>• Must ensure that there is enough | Schedule 1, Figure 1 |

| Item | Site infrastructure and equipment | Operational requirement | Infrastructure location |
|---|---|---|---|
| | | cover material stored on-site and readily available for cover requirements;<br>• Any windblown waste is collected on at least a weekly basis and returned to the tipping area or otherwise appropriately contained; and<br>• Dust control on unsealed roads to be managed via the use of water carts where required. | |
| **Other infrastructure** | | | |
| 9. | Bulk hydrocarbons / chemicals storage | Vehicle refuelling points<br>• Wastewater to be tested and taken to the primary crusher (lined) turkey's nest if it is less than 15 mg/L TRH. If the water is above 15 mg/L, the water will be removed from site and disposed to a licensed facility. | Schedule 1, Figure 1 |
| 10. | OWS at the primary crusher, TS4104 and TS4105 transformer compounds | • Transformer compound bund and sump providing containment with permeability of equal to, or less than, $10^{-9}$ m/s; and<br>• There will be no discharge from the sumps with any water taken offsite for disposal by a licensed contractor if required. | Schedule 1, Figure 1 |

**11.** The works approval holder must be able to accurately measure and achieve a rate of 90% or more for the:

(a) Average Monthly Availability of all:
  (i) Water sprays on stackers and reclaimers;
  (ii) Transfer stations and conveyor dust suppression sprays;
  (iii) BOC sprays;

(b) Average monthly Performance (Time in Auto Mode) of all stockyard water cannons.

**12.** The works approval holder must maintain a Dust Control Equipment Inventory which includes an itemised list for all dust control equipment used at the Premises and includes but is not limited to the infrastructure and equipment specified in Condition 1, Table 1 and Condition 10, Table 3.

**13.** The works approval holder must not remove any dust control equipment from the Dust Control Equipment Inventory, without replacing that equipment with equipment that provides the same or greater level of dust mitigation, unless approved by the CEO in writing.

### 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 summary of the environmental performance of all infrastructure as constructed or installed (as applicable), which includes records detailing the

(i) amount of iron bearing ore processed; and

(ii) amount of iron ore product produced; and

(c) A review of operational performance and compliance against the conditions of the works approval and the Environmental Commissioning Report; and

(d) 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 Condition 10;

(c) monitoring programmes undertaken in accordance with Condition 11, and

(d) 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 4 have the meanings defined.

**Table 4: Definitions**

| Term | Definition |
|---|---|
| AEP | Annual Exceedance Probability |
| AS3580.1.1 | means the Australian Standard AS 3580.1.1 *Methods for sampling and analysis of ambient air – Guide to siting air monitoring equipment.* |
| AS3580.9.11 | means the Australian Standard AS 3580.9.11 *Methods for sampling and analysis of ambient air - Determination of suspended particulate matter - PM10 beta attenuation monitors.* |
| AS3580.14 | Means the Australian Standard AS3580.14 *Methods for sampling and analysis of ambient air Meteorological monitoring for ambient air quality monitoring applications.* |
| BOC | Bulk Ore Conditioning |
| books | has the same meaning given to that term under the EP Act. |
| CEO | means Chief Executive Officer.<br>CEO for the purposes of notification means:<br>Director General<br>Department administering the *Environmental Protection Act 1986*<br>Locked Bag 10<br>Joondalup DC WA 6919<br>info@dwer.wa.gov.au |
| COS | Course Ore Stockpile |
| clean fill | has the meaning defined in the Landfill Definitions |
| CV | Conveyor |
| DEM | Dust Extinction Measure |
| Department | means the department established under section 35 of the *Public Sector Management Act 1994* 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. |

| Term | Definition |
|---|---|
| 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 | *Environmental Protection Act 1986* (WA). |
| EP Regulations | *Environmental Protection Regulations 1987* (WA). |
| Inert Waste Type 1 | has the meaning as defined in the Landfill Definitions. |
| Inert Waste Type 2 | has the meaning as defined in the Landfill Definitions. |
| Landfill Definitions | means the document titled *Landfill Waste Classification and Waste Definitions 1996* (as amended from time to time).<br>This document provides guidance and criteria to be applied in determining the classification of wastes for acceptance to landfills licensed or registered in Western Australia in accordance with Part V Division 3 of the *Environmental Protection Act 1986*. |
| OLC | Overland Conveyor |
| OWS | Oily Water Separator |
| $PM_{2.5}$ | means particulate matter with an aerodynamic diameter of less or equal to 2.5 µm |
| $PM_{10}$ | means particulate matter with an aerodynamic diameter of less or equal to 10 µm and includes $PM_{2.5}$. |
| 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. |
| TRH | means total recoverable hydrocarbons |

| Term | Definition |
|---|---|
| TS | Transfer Station |
| 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).

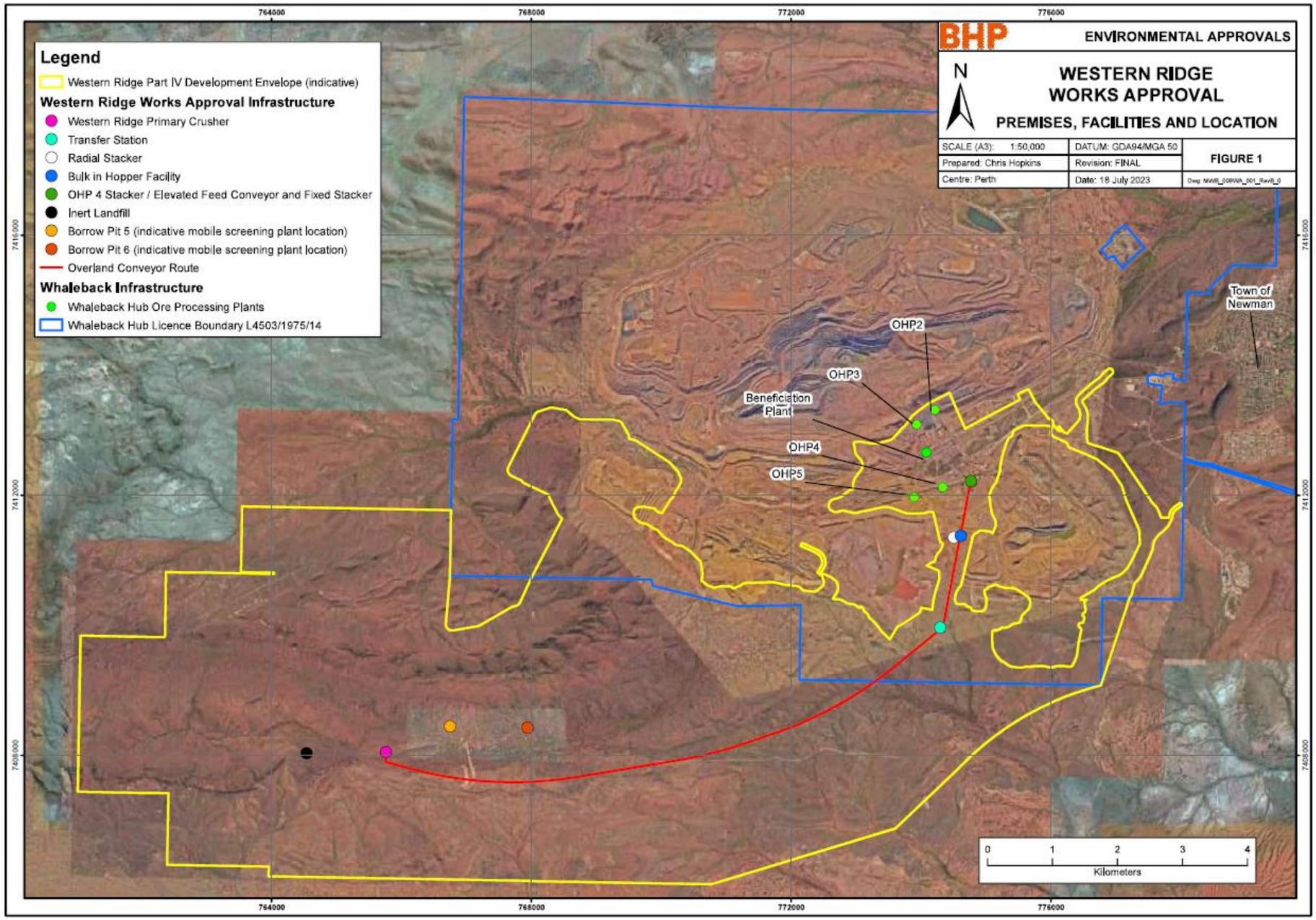


**Figure 1: Map of the boundary of the prescribed premises**

# Schedule 2: Premises boundary

The corners of the premises boundary are the coordinates listed in Table 5.

**Table 5: Premises boundary coordinates (GDA2020)**

| | Easting | Northing | Zone |
|---|---|---|---|
| 1. | 776570 | 7412807 | MGA50 |
| 2. | 777033 | 7412655 | MGA50 |
| 3. | 777702 | 7411656 | MGA50 |
| 4. | 777821 | 7411657 | MGA50 |
| 5. | 777996 | 7411879 | MGA50 |
| 6. | 778015 | 7411837 | MGA50 |
| 7. | 776775 | 7409078 | MGA50 |
| 8. | 773611 | 7406879 | MGA50 |
| 9. | 770768 | 7406018 | MGA50 |
| 10. | 770768 | 7406018 | MGA50 |
| 11. | 763953 | 7406142 | MGA50 |
| 12. | 763956 | 7406289 | MGA50 |
| 13. | 762390 | 7406318 | MGA50 |
| 14. | 762410 | 7407418 | MGA50 |
| 15. | 762410 | 7407418 | MGA50 |
| 16. | 761014 | 7407443 | MGA50 |
| 17. | 761056 | 7409843 | MGA50 |
| 18. | 762357 | 7409820 | MGA50 |
| 19. | 762375 | 7410822 | MGA50 |
| 20. | 763528 | 7410802 | MGA50 |
| 21. | 763546 | 7411830 | MGA50 |
| 22. | 766766 | 7411772 | MGA50 |
| 23. | 766707 | 7409955 | MGA50 |

| | | | |
|---|---|---|---|
| 24. | 768475 | 7411640 | MGA50 |
| 25. | 767642 | 7412366 | MGA50 |
| 26. | 768076 | 7413270 | MGA50 |
| 27. | 770309 | 7412224 | MGA50 |
| 28. | 770015 | 7411729 | MGA50 |
| 29. | 770011 | 7411731 | MGA50 |
| 30. | 769590 | 7411788 | MGA50 |
| 31. | 770607 | 7410983 | MGA50 |
| 32. | 770607 | 7410983 | MGA50 |
| 33. | 770621 | 7410687 | MGA50 |
| 34. | 772362 | 7410517 | MGA50 |
| 35. | 772406 | 7410807 | MGA50 |
| 36. | 772150 | 7411223 | MGA50 |
| 37. | 772170 | 7411269 | MGA50 |
| 38. | 772724 | 7410573 | MGA50 |
| 39. | 772645 | 7410415 | MGA50 |
| 40. | 773521 | 7409786 | MGA50 |
| 41. | 773521 | 7409786 | MGA50 |
| 42. | 774003 | 7410275 | MGA50 |
| 43. | 774172 | 7410237 | MGA50 |
| 44. | 774172 | 7410237 | MGA50 |
| 45. | 774172 | 7410238 | MGA50 |
| 46. | 774278 | 7410842 | MGA50 |
| 47. | 774278 | 7410842 | MGA50 |
| 48. | 774278 | 7410842 | MGA50 |
| 49. | 774090 | 7410920 | MGA50 |
| 50. | 774340 | 7411244 | MGA50 |

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| 51. | 774190 | 7411741 | MGA50 |
| 52. | 772583 | 7411828 | MGA50 |
| 53. | 772970 | 7412812 | MGA50 |
| 54. | 774442 | 7413578 | MGA50 |
| 55. | 774680 | 7413026 | MGA50 |
| 56. | 775530 | 7413474 | MGA50 |
| 57. | 775490 | 7413556 | MGA50 |
| 58. | 775654 | 7413637 | MGA50 |
| 59. | 775655 | 7413635 | MGA50 |
| 60. | 776256 | 7412954 | MGA50 |
| 61. | 776427 | 7413144 | MGA50 |
| 62. | 776393 | 7413479 | MGA50 |
| 63. | 776903 | 7413951 | MGA50 |
| 64. | 776956 | 7413882 | MGA50 |
| 65. | 776489 | 7413452 | MGA50 |
| 66. | 776277 | 7412743 | MGA50 |
| 67. | 776017 | 7413060 | MGA50 |
| 68. | 775404 | 7412916 | MGA50 |
| 69. | 775054 | 7411993 | MGA50 |
| 70. | 775054 | 7411992 | MGA50 |
| 71. | 775107 | 7411416 | MGA50 |
| 72. | 774892 | 7411450 | MGA50 |
| 73. | 774891 | 7411449 | MGA50 |
| 74. | 774891 | 7411449 | MGA50 |
| 75. | 774546 | 7410338 | MGA50 |
| 76. | 774546 | 7410338 | MGA50 |
| 77. | 774546 | 7410338 | MGA50 |

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| 78. | 774943 | 7410219 | MGA50 |
| 79. | 774983 | 7410542 | MGA50 |
| 80. | 775685 | 7410338 | MGA50 |
| 81. | 775115 | 7409919 | MGA50 |
| 82. | 775304 | 7409421 | MGA50 |
| 83. | 776323 | 7409373 | MGA50 |
| 84. | 776516 | 7410359 | MGA50 |
| 85. | 776459 | 7410394 | MGA50 |
| 86. | 777028 | 7410754 | MGA50 |
| 87. | 777371 | 7411253 | MGA50 |