



Works Approval

Works approval number	W6879/2024/1
Works approval holder	Pilbara Iron Pty Ltd
ACN	107 216 535
Registered business address	Central Park – Level 18 152-158 St Georges Terrace Perth, WA, 6000
DWER file number	DER2023/000804
Duration	22/04/2024 to 21/04/2027
Date of issue	22/04/2024
Premises details	Railway BP33 MLTP MAITLAND WA 6714 Miscellaneous Licence L47/286, as defined in Schedule 1

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)	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.	420,000 tonnes per year
Category 13: Crushing of building material: premises on which waste building or demolition material (for example, bricks, stones or concrete) is crushed or cleaned.	1,200,000 tonnes per year
Category 61A: Solid waste facility: premises (other than premises within category 67A) on which solid waste produced on other premises is stored, reprocessed, treated, or discharged onto land.	212,500 tonnes per year

This works approval is granted to the works approval holder, subject to the attached conditions, on 22 April 2024, by:

**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
22/04/2024	W6879/2024/1	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
 as set out in Table 1.

Table 1: Design and construction / installation requirements

Item	Infrastructure	Design and construction / installation requirements	Infrastructure location
1.	Mobile crushing screening plant (Category 12 and 13)	(a) Plant is to be located at least 100m from any drainage line or waterway. (b) Fitted with hose and water sprays for dust suppression, including dust covers should they be required. (c) Use of angle-adjustable stockpiling conveyors to minimise drop heights.	Figure 1
2.	Stormwater infrastructure for crushing/screening and feed stockpile footprint (work area).	(a) Installation of earthen bund to divert stormwater around work area. (b) Installation of earthen sump(s) within the work area to collect and contain stormwater.	NA
3.	Stockpiles (Category 61A)	(a) Stockpiles to be located at least 100m from any drainage line or waterway. (b) Earthen bunds for the stockpile area. (c) Earthen bund at approximately 0.4m in height surrounding the degraded material stockpiles. (d) Earthen sump(s) to collect any stockpile run off and sediment. Three stockpiles areas are proposed: <ul style="list-style-type: none"> • ballast cleaning (~55,000m³) • major shuts (~47,000m³) • separation stockpile (~7,700m³) for degraded material removed during emergency/urgent maintenance works, awaiting sampling and analytical results 	Figure 1

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 civil engineer that the item 1 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.

Time limited operations phase

Commencement and duration

4. The works approval holder may only commence time limited operations once the Environmental Compliance Report as required by condition 2 has been submitted by the works approval holder.
5. The works approval holder may only commence time limited operations:
 - (a) for a period not exceeding 180 calendar days from the day the works approval holder meets the requirements of condition 4; 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

	Infrastructure	Operational requirements	Infrastructure location
1.	Mobile crushing screening plant (Category 12 and 13)	(a) Plant is to be located at least 100m from any drainage line or waterway. (b) Fitted with hose and water sprays for dust suppression, including dust covers should they be required. (c) Use of angle-adjustable stockpiling conveyors to minimise drop heights.	Figure 1: Map of the boundary of the prescribed premises

	Infrastructure	Operational requirements	Infrastructure location
		(d) Noise suppression controls functioning to the manufacturer's standard.	
2.	Stockpiles (Category 61A)	(a) Maximum height of 14m above ground level for all stockpiles. (b) Stockpiles to be located at least 100m from any drainage line or waterway. (c) Maintain earthen bunds for the stockpile area to divert and/or contain stormwater as required. (d) Maintain earthen bund at approximately 0.4m in height surrounding the degraded material stockpiles. (e) Maintain earthen sump(s) to collect any stockpile run off and sediment.	

7. The works approval must only accept onto the premises materials for recycling, processing and/storage that meet the specifications set out in **Table 3**

Table 3: Material acceptance specifications

Material type	Rate at which material is received	Acceptance specifications
Railway ballast	212,500 tonnes per annual period	Recovered ballast material from the Integrated Rail Network (IRN). Concrete sleepers from the IRN. Must not contain any visible asbestos or ACM.
Concrete sleepers	16,500 tonnes per annual period	

8. The Works Approval Holder must ensure that the asbestos content of any recycled output originating from ballast and civil material does not exceed the contamination limit of 0.001% w/w for asbestos (in any form).
9. The Licence Holder must undertake the monitoring in Table 4 according to the specifications in that Table 4 during the time limited operations stage.

Table 4: Monitoring of inputs and outputs from ballast recycling operations

Material type	Units	Frequency
Railway ballast inputs (accepted onto site for storage and/or processing)	tonnes	Ongoing
Recycled ballast outputs (that deemed suitable for reuse)	tonnes	Ongoing
Ballast rejects (materials disposed offsite to a suitably licensed facility)	tonnes	Ongoing

Compliance reporting

10. 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.
11. The works approval holder must ensure the report required by condition 10 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);
 - (c) a review of performance and compliance against the conditions of the works approval;
 - (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.
 - (e) Recycled ballast output sampling and testing, as per condition 8
 - (f) Material inputs and outputs, as per condition 7

Records and reporting (general)

12. The works approval holder must maintain accurate and auditable records of all asbestos product testing undertaken in accordance with condition 7, including:
 - (a) details of the sample size;
 - (b) a statement of limit of detection of the analysis;
 - (c) results in relation to asbestos detected (positive result exceeding the 0.001% w/w limit) or not;
 - (e) a description of any asbestos detected; and
 - (f) an estimate of the concentration of asbestos detected.
13. 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.
14. 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 6;

- (c) monitoring programmes undertaken in accordance with condition 9; and
- (d) complaints received under condition 13.

15. The books specified under condition 14 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 5 have the meanings defined.

Table 5: Definitions

Term	Definition
annual period	a 12 month period commencing from 1 July until 30 June in the following year.
asbestos	means the asbestiform variety of mineral silicates belonging to the serpentine or amphibole groups of rock-forming minerals and includes actinolite, amosite, anthophyllite, chrysotile, crocidolite, tremolite and any mixture containing 2 or more of those
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
Condition	a condition to which the licence is subject under section 62 of the Environmental Protection Act 1986
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.
DWER Asbestos Guideline	means the document titled “Guideline – managing asbestos at construction and demolition waste recycling facilities”, published by the Department of Water and Environmental Regulation, as amended from time to time.
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

Term	Definition
	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.
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).

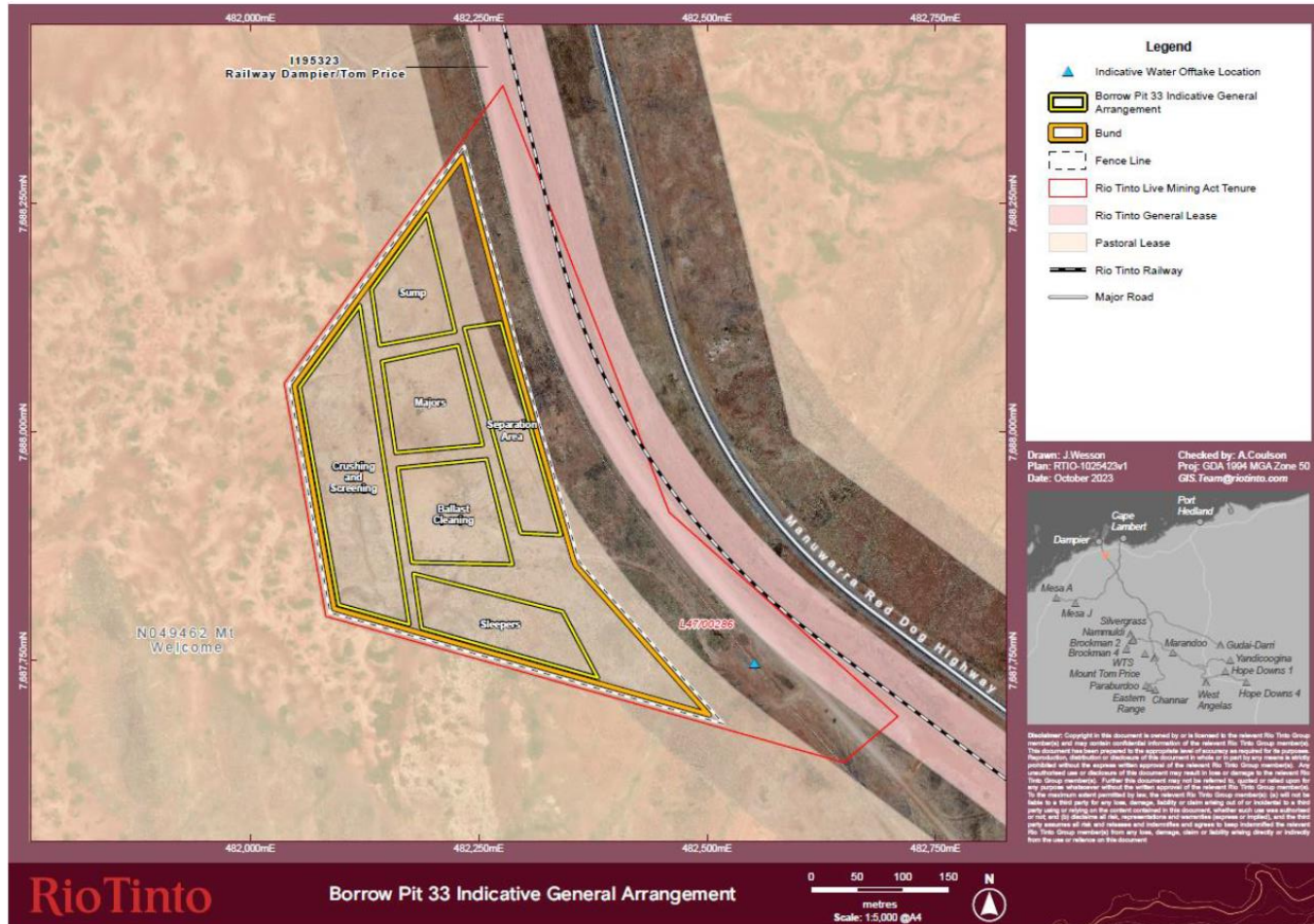


Figure 1: Map of the boundary of the prescribed premises

W6879/2024/1 (22 April 2024)

IR-T05 Works approval template (v6.0) (September 2022)