



<b>Works approval number</b>	W6388/2020/1
<b>Works approval holder</b>	Northern Star Resources Limited
<b>ACN</b>	092 832 892
<b>Registered business address</b>	Level 1, 388 Hay Street Subiaco WA 6008
<b>DWER file number</b>	DER2020/000083
<b>Duration</b>	01/07/2020 to 31/12/2025
<b>Date of issue</b>	27/05/2020
<b>Premises details</b>	Jundee Operations SHIRE OF WILUNA WILUNA WA 6646 Mining tenements: G53/20 and M53/552 as depicted in Schedule 1.

<b>Prescribed premises category description</b> (Schedule 1, <i>Environmental Protection Regulations 1987</i> )	<b>Assessed production capacity</b>
Category 5: Processing or beneficiation of metallic or non-metallic ore: premises on which — (a) metallic or non-metallic ore is crushed, ground, milled or otherwise processed; or (b) tailings from metallic or non-metallic ore are reprocessed; or (c) tailings or residue from metallic or non-metallic ore are discharged into a containment cell or dam.	3,000,000 tonnes per year

This works approval is granted to the works approval holder, subject to the attached conditions, on 27 May 2020, by:

**Tim Gentle**

**Manager Resource Industries**

**Regulatory Services**

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

## 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

1. The works approval holder must:
  - (a) construct and/or install the infrastructure;
  - (b) in accordance with the corresponding design and construction requirements; and
  - (c) at the corresponding infrastructure location, as set out in Table 1.

**Table 1: Design and construction requirements**

		Infrastructure	Design and construction requirements	Infrastructure location
1.	Stage 9	Raise Decant tower and access causeway	Raise to stage 9 level as per 'Figure 3: Jundee Gold Operations – TSF2 – Stage 9 to 10 embankment raise – Embankment and decant; sections and details', in Schedule 1.	Existing structures, labelled as 'decant accessway' and 'central decant structures' in Figure 2 in Schedule 1
2.		Tailings delivery pipelines on TSF	Removal and reinstatement (before and after stage 9 embankment raise) of tailings delivery pipeline on the TSF.	Perimeter of TSF2
3.	Stage 10	Raise Decant tower and access causeway	Raise to stage 10 level as per 'Figure 3: Jundee Gold Operations – TSF2 – Stage 9 to 10 embankment raise – Embankment and decant; sections and details', in Schedule 1.	Existing structures, labelled as 'decant accessway' and 'central decant structures' in Figure 2 in Schedule 1
4.		Tailings delivery pipelines on TSF	Removal and reinstatement (before and after stage 10 embankment raise) of tailings delivery pipeline on the TSF.	Perimeter of TSF2

2. The works approval holder must:
  - (a) construct the critical containment infrastructure;
  - (b) in accordance with the corresponding design and construction requirements; and
  - (c) at the corresponding infrastructure location, as set out in **Table 2**.

**Table 2: Critical containment infrastructure design and construction requirements**

	Infrastructure	Design and construction requirements	Infrastructure location
5.	TSF2 Stage 9 Embankment Raise	<ul style="list-style-type: none"><li>• 2564.5m RL height</li><li>• Upstream raising embankments are to be constructed using compacted mine waste as shown in Schedule 3, Figure 2 and Figure 3</li></ul>	Labelled as TSF2 in Figure 1 of Schedule 1
6.	TSF2 Stage 10 Embankment Raise	<ul style="list-style-type: none"><li>• 2567.0m RL height</li><li>• Upstream raising embankments are to be constructed using compacted mine waste as shown in Schedule 3, Figure 2 and Figure 3</li></ul>	
7.	Buttress	Constructed in the location and design as shown in Schedule 3, Figure 4.	

### Compliance reporting

3. The works approval holder must within 30 calendar days of the infrastructure for each stage required by conditions 1 or 2 being constructed:
  - (a) undertake an audit of their compliance with the requirements of condition 1 and 2; and
  - (b) prepare and submit to the CEO an Environmental Compliance Report on that compliance.
4. The Environmental Compliance Report required by condition 3, must include as a minimum the following:
  - (a) certification by the Processing Manager whether the items of infrastructure, as specified in condition 1 or 2, have been constructed in accordance with the relevant requirements specified in condition 1 or 2;
  - (b) as constructed plans and a detailed site plan for each item of infrastructure specified in condition 1 or 2; and
  - (c) be signed by a person authorised to represent the works approval holder and contains the printed name and position of that person.
5. The works approval holder must within 30 calendar days of each stage of the Critical Containment Infrastructure identified by condition 2 being constructed:
  - (a) undertake an audit of their compliance with the requirements of condition 2; and
  - (b) prepare and submit to the CEO a Critical Containment Infrastructure Report on that compliance.
6. The Critical Containment Infrastructure Report required by condition 5 must include as a minimum the following:
  - (a) certification by the TSF designer or their engineering representative whether each item of critical containment infrastructure or component thereof, as specified in condition 2, has been built and installed in accordance with the requirements specified in condition 2;
  - (b) as constructed plans and a detailed site plan showing the location and dimensions for each item of critical containment infrastructure or component thereof, as specified in condition 2;

- (c) photographic evidence of the installation of the infrastructure; and
- (d) be signed by a person authorised to represent the works approval holder and contains the printed name and position of that person;

## Records and reporting (general)

7. 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.
8. 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 conditions 1 and 2 ; and
  - (b) complaints received under condition 2.
9. The books specified under condition 8 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	<p>means Chief Executive Officer.</p> <p>CEO for the purposes of notification means:</p> <p>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></p>

Term	Definition
condition	a condition to which this works approval is subject under section 62 of the EP Act.
critical containment infrastructure	means the items of infrastructure listed in condition 2.
Critical Containment Infrastructure Report	means a report to satisfy the CEO that works of critical containment infrastructure have been constructed in accordance with the works approval.
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 has been constructed 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 in Schedule 1 to this works approval.
prescribed premises	has the same meaning given to that term under the EP Act.
RL	Reduced Level
TSF	tailings storage facility
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

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[illegible]

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