



Application for Works Approval Amendment

Part V Division 3 of the *Environmental Protection Act 1986*

Works Approval Number	W6891/2024/1
Works Approval Holder	Greenstone Resources (WA) Pty Ltd
ACN	100 341 599
File Number	DER2024/000052
Premises	King of the Hills Gold Mine LEONORA WA 6438 Legal description – Mining tenements M37/67, M37/76, M37/90, M37/201, M37/222, M37/248, M37/330, M37/410, M37/429, 37/449, M37/451, M37/457, M37/547, M37/548, M37/572, 37/573, M37/574, M37/1105 As defined by the Premises maps attached to the Revised Works Approval.
Date of Report	08 August 2024
Decision	Revised works approval granted

**MANAGER, RESOURCE INDUSTRIES
INDUSTRY REGULATION (STATEWIDE DELIVERY)**

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

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1. Decision summary

The Delegated Officer has determined to make amendments to works approval W6891/2024/1. The amendments are administrative in nature therefore they do not alter the risk profile of the Premises, providing that activities, emissions and receptors as stated in existing approvals remain unchanged.

This Amendment Report documents the amendments made pursuant to section 59 and 59(B) of the *Environmental Protection Act 1986* (EP Act).

The decision report for the existing works approval will remain on the department's website for future reference and will act as a record of the department's decision making.

2. Scope of assessment

2.1 Regulatory framework

In amending the works approval, the department has considered and given due regard to its Regulatory Framework and relevant policy documents which are available at <https://dwer.wa.gov.au/regulatory-documents>.

2.2 Application summary

Works approval W6891/2024/1 is held by Greenstone Resources (WA) Pty Ltd (Works Approval Holder) for the King of the Hills Gold Mine (the Premises), located on mining tenements M37/67, M37/76, M37/90, M37/201, M37/222, M37/248, M37/330, M37/410, M37/429, M37/449, M37/451, M37/457, M37/547, M37/548, M37/572, M37/573, M37/574, M37/1105. The Premises relates to the category and the assessed production capacity under Schedule 1 of the Environmental Protection Regulations 1987 (EP Regulations) which are defined in existing works approval W6891/2024/1.

Existing works approval W6891/2024/1 authorises the construction of embankment raises and expansion of existing tailings storage facility (TSF) 4, by:

1. raising the perimeter embankments in four stages, from RL 429.0 m (Stage 1) to RL 445.0 m (Stage 4); and
2. progressively expanding the TSF4 footprint to include a portion of the adjacent East Waste Dump, during the Stage 1 and Stage 2 raises.

Due to increased tailings production and unavoidable construction delays, the Works Approval Holder urgently required additional tailings storage capacity at TSF4 and had decided to separate the Stage 1 expansion works into two sub-stages, referenced as Stage 7A and Stage 7. TSF4 Stage 7A expansion will involve an embankment raise to only RL 431.0 m, while the Stage 7 expansion will achieve the same embankment height as the authorised Stage 1 (RL 433.0 m) (Figure 1). Doing so was intended to allow the Works Approval Holder to commence time limited operation of TSF4 Stage 7A promptly, while completing construction of Stage 7. The proposed change in staging would not significantly alter the fundamental design, capacity, safety, or operational parameters of TSF4.

The Works Approval Holder submitted a Critical Containment Infrastructure Report (CCIR) for the Stage 7A expansion on 15 July 2024, which was assessed as the Stage 1 expansion and accepted by the department on 26 July 2024.

Based on advice from the department, the Works Approval Holder submitted an application on 9 July 2024 to amend works approval W6891/2024/1 under section 59B of the *Environmental Protection Act 1986* (EP Act). The amendment is limited only to modifying the staging of infrastructure construction, such that the revised works approval reflected the modified staging of Stage 7A and Stage 7 at TSF4. The amendment does not retrospectively approve completed

activities, with the only change to the Stage 1 expansion being administrative (i.e., stage numbering).

This amendment is administrative and does not alter the risk profile of the Premises, where the activities, emissions, and receptors assessed under the existing works approval remain unchanged. Although a CCIR has been submitted for the Stage 7A expansion, the Works Approval Holder is required to demonstrate compliance with the Stage 7 expansion as well with an associated CCIR.

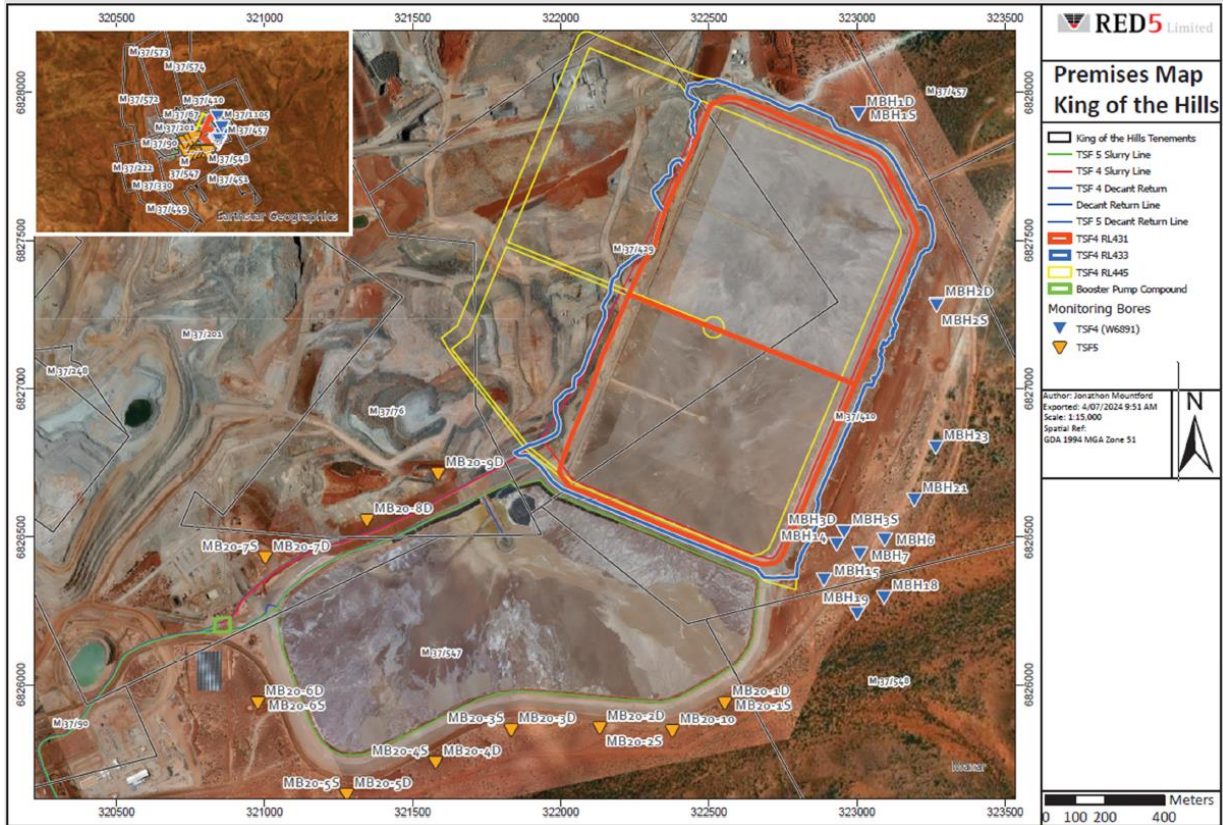


Figure 1: Site layout for TSF4 Stage 7A and Stage 7 expansion and embankment raises

2.3 CEO-initiated amendment

Through this amendment, the Delegated Officer has also rectified a number of administrative errors in the existing works approval. These changes do not alter the existing risk assessment and are detailed in Table 1.

3. Consultation

The Works Approval Holder was provided with the draft Amendment Report on 2 August 2024. The Works Approval Holder responded on 7 August 2024 with no comments and waived the remainder of the comment period.

4. Conclusion

Based on the assessment in this Amendment Report, the Delegated Officer has determined that an amended works approval will be granted, subject to conditions commensurate with the determined controls and necessary for administration and reporting requirements.

4.1 Summary of amendments

Table 1 below provides a summary of the proposed amendments and will act as a record of

implemented changes. All proposed changes have been incorporated into the revised works approval as part of the amendment process.

Table 1: Summary of works approval amendments

Condition no.	Proposed amendments
Condition 1	<ul style="list-style-type: none"> • Renamed '<i>TSF4 Stage 1 expansion and embankment raise</i>' to '<i>TSF4 Stage 7A expansion and embankment raise</i>'; • Corrected tailings spigot intervals from '<i>no less than 40 m</i>' to '<i>no more than 40 m</i>', in accordance with the associated Design Report.¹ • Added additional item of critical containment infrastructure: '<i>TSF4 Stage 7 expansion and embankment raise</i>' with associated design and construction / installation requirements.
Schedule 1: Maps	<ul style="list-style-type: none"> • Updated Figure 2 caption to reflect new stage numbering (i.e., Stage 7). • Updated Figure 3 to show site layout of TSF4 at final Stage 4 embankment raise.¹ • Updated Figure 6 to reflect TSF4 layout at Stage 7A and Stage 7.
Schedule 2: Design drawings	<ul style="list-style-type: none"> • Updated Figure 7, Figure 8, and Figure 9 to reflect design of Stage 7A and Stage 7.

Note 1: As part of CEO-initiated amendment to correct administrative errors in existing works approval. Refer to Section 2.3.