



Application for Works Approval Amendment

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

Works Approval Number	W6526/2021/1
Works Approval Holder	Murrin Murrin Operations Pty Ltd
ACN	060 717 505
File Number	DER2021/000132
Premises	Murrin Murrin North Murrin Murrin Nickel Cobalt Project Legal description – Mining tenements M39/342, M39/343, M39/553, M39/424, M39/421 Shire of Leonora and Shire of Laverton As defined by the coordinates in Schedule 1 of the Revised Works Approval
Date of Report	13 May 2022
Decision	Revised works approval granted

Samara Rogers
A/MANAGER, RESOURCE INDUSTRIES
REGULATORY SERVICES

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 W6526/2021/1. The amendments are administrative in nature therefore they do not alter the risk profile of the Premises, providing those activities, emissions and receptor 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 W6526/2021/1 is held by Murrin Murrin Operations Pty Ltd (Works Approval Holder) for the Murrin Murrin Nickel Cobalt Project (the Premises), located within the Shire of Leonora and Shire of Laverton on mining tenements M39/342, M39/343, M39/553, M39/424 and M39/421.

The Premises relates to Category 5 prescribed activity (i.e. Processing or beneficiation of metallic or non-metallic ore) and the assessed production/design capacity under Schedule 1 of the *Environmental Protection Regulations 1987* (EP Regulations), which are defined in existing works approval W6526/2021/1.

The operation of the 17 Series Inpit tailings storage facility (TSF) requires the construction of tailings deposition and decant water pipeline, which surround the stretches across the southern and northern boundary of the TSF, respectively, authorised under works approval W6526/2021/1 (Figure 1). The Works Approval Holder intends to undertake the construction of the relevant pipeline infrastructure in three stages: Stage 1, Stage 2 and Stage 3 (Table 1), where additional deposition/pumping points are installed with each stage (Figure 1).

On 28 February 2022, the Works Approval Holder submitted an application to the department to amend works approval W6526/2021/1 under section 59B of the *Environmental Protection Act 1986* (EP Act). The amendment is limited to altering existing conditions on the works approval to allow for the staged construction, and subsequently, time-limited operations, of relevant infrastructure for the 17 Series Inpit TSF.

Table 1: Proposed staged tailings deposition and decant pumping points

Stage	Authorised tailings deposition points ¹	Authorised decant water pumping points ¹
1	T1 and T2	D1
2	T3	D2
3	T4 and T5	D3

Note 1: Refer to Figure 1 for location of authorised tailings deposition and decant water pumping points.

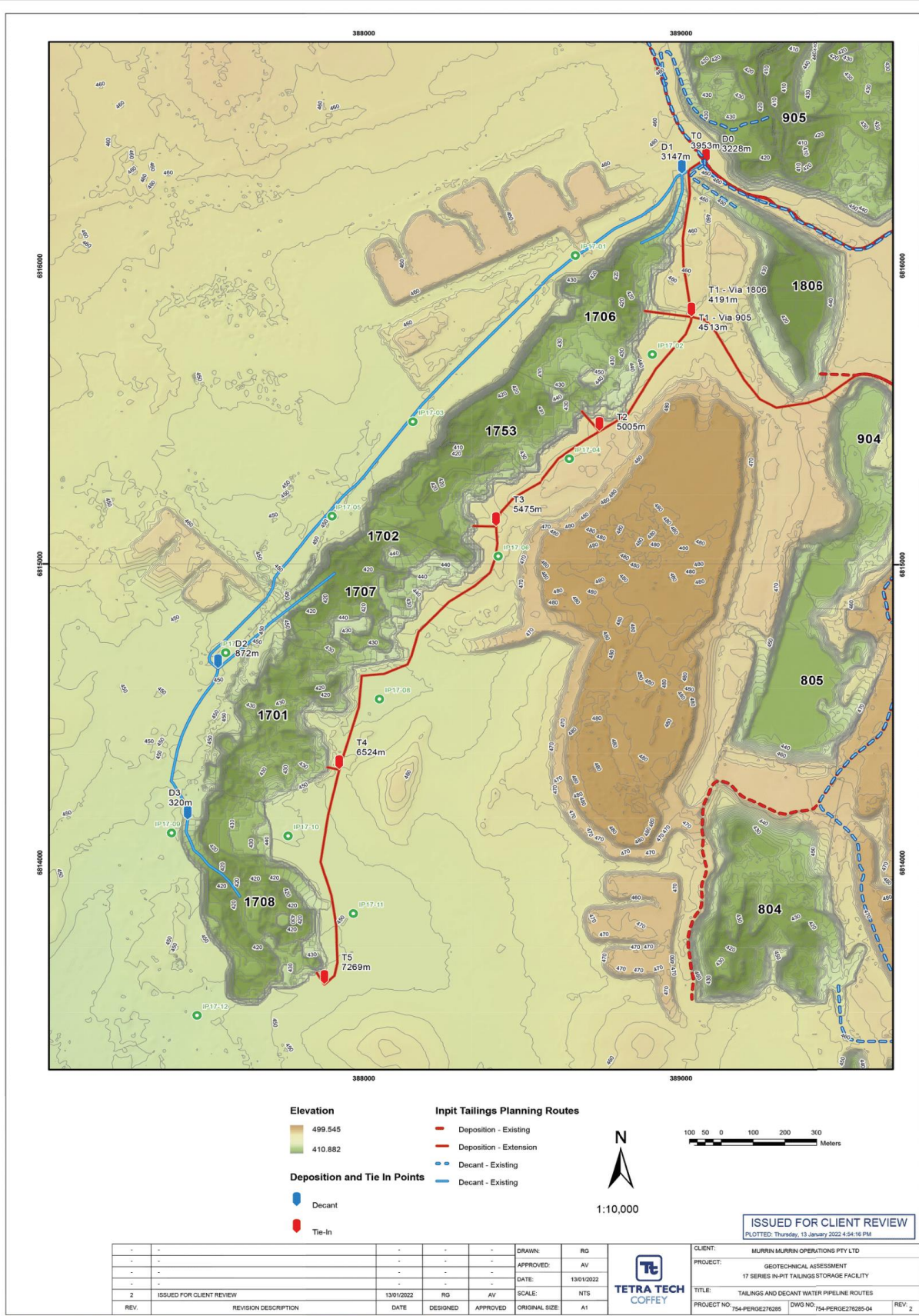


Figure 1: Tailings deposition (red) and decant water (blue) pipeline and points

3. Consultation

The Works Approval Holder was provided with the draft works approval and draft Amendment Report on 6 May 2022. Comments received from the Works Approval Holder on 9 May 2022 have been considered by the Delegated Officer as detailed in Appendix 1. At the same time, the Works Approval Holder also chose to waive 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 2 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 2: Summary of works approval amendments

Condition no.	Proposed amendments
Cover page	Inclusion of <i>Date of amendment</i> .
Works approval history	Updated table to include this amendment.
Condition 1, Table 1	Updated Table 1 structure to allow for construction of all infrastructure in three stages. Updated Table 1 text to improve clarity in <i>Infrastructure and Design and construction/installation requirements</i> , including changing 'scour pit' to 'scour sump' (refer to Appendix 1). Updated <i>Infrastructure location</i> to include the updated Figure 4.
Condition 9, Table 2	Updated Table 2 text to improve clarity and allow for time-limited operation in three stages in <i>Site infrastructure and equipment and Operational requirement</i> . Updated <i>Infrastructure location</i> to include Figure 6.
Figure 4	Updated Figure 4 with more recent figure provided.
Condition 15, Table 5	Updated Table 5 text to improve clarity and allow for monitoring during time-limited operation in three stages in <i>Unit, Limit and Frequency</i> .

Appendix 1: Summary of Works Approval Holder's comments on draft amendment

Condition	Summary of Works Approval Holder's comment	Department's response
Condition 1	<p>In Table 1, the Works Approval Holder requested the following:</p> <ul style="list-style-type: none"> The use of the term '<i>scour pit</i>' be replaced with '<i>scour sump</i>' to improve consistency within the document and to align with the terminology using in Figure 3 of the works approval; Remove '<i>scour pit</i>' from the Stage 2 and Stage 3 '<i>Infrastructure</i>' and '<i>Design and construction/installation requirements</i>' sections as they will only be constructed under Stage 1 and no further scour pits have been proposed for the remaining stages. All stages of operation will utilise the scour pits constructed during Stage 1; Amend the second requirement of the '<i>Stage 2 17 Series in-pit TSFs</i>' to describe '<i>Tailing deposition via one discharge point (T3)</i>'; 	<p>The department agrees with the rationale for these changes and have amended the text in Table 1 accordingly. The department notes that these are mostly administrative and typological errors.</p>
Condition 9	<p>The Works Approval Holder requested the figure numbering be amended to refer to the correct figure in Table 2 and Table 5 of the works approval.</p>	<p>The department has corrected the figure numbering in Table 2 and Table 5 to specify Figure 6. The department notes that this was a typological error.</p>
Condition 15 (Schedule 15)		
Figure 4	<p>The Works Approval Holder requested that Figure 4 be deleted and replaced with the updated figure provided as part of the works approval amendment application.</p>	<p>The department has replaced Figure 4 with the updated figure provided.</p>