



Application for Works Approval Amendment

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

Works approval number	W5977/2015/1
Works approval holder	Tianqi Lithium Kwinana Pty Ltd
ACN	612 085 364
File Number	DER2018/001280
Premises	Lithium Hydroxide Processing Plant 61 Donaldson Road KWINANA BEACH WA 6167 Legal description – Lot 201 on Plan 407762
Date of report	23 June 2021
Status of report	Final

1. Decision summary

The delegated officer has determined to make amendments to works approval W5977/2016/1. 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 report documents the amendments made pursuant to section 59 and 59(B) of the *Environmental Protection Act 1986*.

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 W5977/2016/1 is held by Tianqi Lithium Australia Pty Ltd (works approval holder) to establish a lithium hydroxide processing plant at 61 Donaldson Road, Kwinana Beach (premises).

On 30 March 2021, the works approval holder lodged a works approval amendment application to the department requesting an extension to the duration of the works approval that expires on 31 December 2022. The works approval holder requested an additional 18 months that will allow for the completion of commissioning activities, air monitoring obligations and apply for a new licence. In addition, the extension will ensure there is sufficient time for the department to assess and make a decision on a licence application.

3. Consultation

The works approval holder was provided with the draft report on 12 May 2021, and replied on 16 June 2021 with no additional comments.

4. Decision

The delegated officer determined to grant an amendment to extend the current expiry date by 18 months, to 30 June 2024. This takes into account the following:

- An extension of the works approval expiry date does not change the overall risk profile of the premises;
- An extension will provide sufficient time for the works approval holder to complete its commissioning activities, undertake validation monitoring, report results to the department and lodge a new licence application; and
- An extension will allow sufficient time for the department to assess and determine a licence application for the stage 1 processing train.

Several other amendments were included that are considered administrative in nature including:

- Correcting the assessed production capacity details on the works approval cover page to include reference to the assessed capacity of sodium sulphate (category 31) and replace the category 44 reference to 'lithium hydroxide monohydrate' to 'spodumene ore concentrate'. The details now align with those in Schedule 3, Table 12 of the works approval;

- Updating the wording in Column 2 of Table 4 in the works approval with standardised condition wording for the duration of operating under a works approval; and
- Updating Table 5 of the works approval with site plan references that were originally omitted.

5. Conclusion

Based on the assessment in this 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.

5.1 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
Cover page	Amended the prescribed category description to align with the assessed production capacity for categories 44 and 31 that is outlined in Table 12
Duration	Extended the duration of the licence from 21/12/2022 to 30/06/2024
History	Added works approval amendment
Condition 9 Emissions Table 4	'Discharges to air from any processing train must not exceed a period of 24 months'. This has been changed to 42 months for Stage 1 to accommodate delays in commissioning and stack testing validation. The wording was also aligned with standardised condition wording.
Condition 12, Table 5	Table 5, added site plan reference to column 3 that was previously omitted.