



Department initiated Amendment

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

Works Approval Number	W5977/2016/1
Works Approval Holder	Tianqi Lithium Kwinana Pty Ltd
ACN	612 085 364
File Number	DER2016/001280
Premises	<p>Tianqi Lithium Hydroxide Refinery 61 Donaldson Road KWINANA BEACH WA 6167</p> <p>Legal description – Lot 201 on Deposited Plan 407762 As depicted in the Premises map and defined by the coordinates in Schedule 1</p>
Date of Report	25 July 2025
Decision	Revised works approval granted

Alana Kidd
MANAGER, GREEN ENERGY

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

Decision summary

This amendment is made pursuant to section 59 of the *Environmental Protection Act 1986* (EP Act) to amend the existing works approval issued in respect of the prescribed premises as set out below. This notice of amendment is hereby given under section 59B(9) of the EP Act.

This amendment is limited to a shore extension to the duration of the works approval and specified emissions period. No other changes have been made to existing conditions or works approval holder obligations.

In completing the assessment documented in this report, the department has considered and given due regard to its regulatory framework and relevant policy documents available at <http://dwer.wa.gov.au/regulatory-documents>.

Background

On 3 July 2025, the department initiated an amendment to works approval W5977/2016/1, held by Tianqi Lithium Kwinana Pty Ltd (works approval holder) for the construction and time limited operation for the Tianqi Lithium Hydroxide Refinery at 61 Donaldson Road, Kwinana Beach, about 5.6 km northeast of Rockingham.

The works approval holder currently has an application for a new licence to operate a one-train processing lithium refinery that is currently under assessment with the department.

Due to time constraints and to ensure the works approval holder has a seamless operational transition from the works approval to a new licence, a proposed 6-month extension on the works approval expiry date; and authorised discharges to air for processing train 1 is proposed.

Decision

Section 63 of the EP Act prescribes that a works approval shall continue in force for such a period as is specified in the works approval. Works approval W5977/2016/1 expires on the 30 December 2025 with the operational authorised discharges to air for processing train 1 expiring on the 4 September 2025. The delegated officer has determined that extending the duration by a further 6 months is appropriate on the basis that it should allow sufficient time for the works approval holder to continually operate processing train 1 whilst transitioning into a new licence to operate while validating emissions for the licence.

In determining to amend the duration of the works approval, the following matters were considered:

1. An extension to the works approval duration will not change the risk profile of the premises, or change the risks as previously assessed by the department from the proposal works; and
2. Should issues arise at the premises, the CEO may
 - a. amend the works approval conditions at any point, and
 - b. in the event of an alleged offence, exercise enforcement powers under the provisions of the EP Act.

Furthermore, an extension to the duration of the works approval is not deemed an extension of time to undertake recommencement for the construction of processing train 2. Processing train 2 has currently been placed on hold by the works approval holder. If construction of processing train 2 is to recommence, a new works approval or licence amendment will be required to ensure all changes and cumulative emissions are appropriately risk assessed as per *Guideline: Risk Assessments* (DWER 2020) for each identified emission source with consideration of potential source-pathway and receptor linkages.

The delegated officer has therefore amended W5799/2016/1 in accordance with section 59(1) of the EP Act by extending the expiry from 30 December 2025 to 30 June 2026 and changing Condition 9 Table 4 authorised emission table from 72 to 78 months for stage 1 processing train, allowing operation for processing train 1 under the works approval until 4 March 2026. No further extensions are likely to be granted.

Consultation

The works approval holder was provided with drafts of the amended works approval and this report on 14 July 2025. The works approval holder responded on the 22 July 2025 and waived the comment period and provided no comments.

Conclusion

The delegated officer has determined to amend the existing works approval, subject to conditions, commensurate with the determined controls and necessary for administrative and reporting requirements.

References

1. Department of Water and Environmental Regulation (DWER) 2020, *Guideline: Risk Assessments*, Perth, Western Australia.
2. Department of Water and Environmental Regulation (DWER) 2022, *Works approval W6669/2022/1 for Tianqi Lithium Kwinana Pty Ltd, 13 August 2024*, Perth, Western Australia.