



CEO initiated amendment to a Works Approval

Division 3, Part V *Environmental Protection Act 1986*

Works approval number	W6090/2017/1
Applicant	Ecocycle Pty Ltd
ACN	146 190 516
File number	DER2017/001541-1
Premises	<p>Kwinana Mercury Treatment Plant Plant Lot 101 Donaldson Rd KWINANA BEACH WA 6167</p> <p>Part of Lot 101 on Plan 73740</p> <p>As defined by the premises maps attached to the issued works approval.</p>
Date of report	17 July 2024
Decision	Grant amendment

1. Decision Summary

The Delegated Officer has determined to grant an amendment to Works Approval W6090/2017/1 to increase the storage time of pure liquid mercury from 6 to 12 months. The Delegated Officer perceives this amendment to 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 original 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 of Water and Environmental Regulation (the department; DWER) 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 and overview of premises

Works Approval W6090/2017/1 is held by Ecocycle Pty Ltd (Works Approval Holder) for the Kwinana Mercury Treatment Plant (the Premises), located at Lot 101 Donaldson Road, Kwinana Beach, Western Australia.

The Premises relate to Category 39: chemical or oil recycling; and Category 61A: solid waste facility for the production capacities under Schedule 1 of the Environmental Protection Regulations 1987 (EP Regulations), which have been assessed and defined in the initial granting of Works Approval W6090/2017/1.

On 30 April 2024, the Works Approval Holder submitted an application to the department to amend Works Approval W6090/2017/1 under section 59B of the Environmental Protection Act 1986 (EP Act). The amendment was primarily to extend the works approval expiry date to allow more time for the completion of construction works. An amendment of time was granted on 4 June 2024.

Subsequently, in the same amendment application the works approval holder also applied to increase the storage time of pure liquid mercury on site, which was overlooked. This amendment is therefore a department-initiated amendment to address this proposed storage time increase.

3. Risk Assessment

The department assesses the risks of emissions from prescribed premises and identifies the potential source, pathway and impact to receptors in accordance with the Guideline: Risk Assessments (DWER 2020). This amendment is considered to not alter the risk profile and no further risk assessment has been undertaken.

4. Consultation

The Works Approval Holder was provided a draft Amendment Report and draft Works Approval on 10 July 2024. The works approval holder issued a written response to DWER on

10 July accepting the licence amendment and asking to waive the 21 day consultation period.

5. Conclusion

Based on the original assessment relating to works approval W6090/2017/1, the Delegated Officer has determined that an amended works approval will be granted to increase the storage time of pure liquid mercury, subject to conditions commensurate with the determined controls and necessary for administration and reporting requirements.

5.1 Summary of amendment

The below table 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.

Condition no.	Proposed amendments
15 – Table 7: Waste management specifications	Recovered pure liquid mercury storage time increased to 12 months.

Caron Goodbourn

MANAGER, PROCESS INDUSTRIES

An officer delegated by the CEO under section 20 of the EP Act