



Department initiated Amendment

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

Licence Number	L9034/2017/1
Licence Holder	Water Corporation
ACN	28003434917
File Number	DER2017/000181-1~6
Premises	Advanced Water Recycling Plant Ocean Reef Road CRAIGIE WA 6025 Legal description - Part of Lot 8278 on Plan 30778 As defined by the coordinates in Schedule 1 of the Revised Licence
Date of Report	08/05/2024
Decision	Revised licence granted

Adam Harbeck
A/SENIOR ENVIRONMENTAL OFFICER – INDUSTRY REGULATION

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

Table of Contents

1. Decision summary	3
2. Scope of assessment	3
2.1 Regulatory framework	3
2.2 Amendment summary	3
3. Consultation	3
4. Conclusion	3
4.1 Summary of amendments.....	3
References	4

1. Decision summary

The Delegated Officer has determined to make amendments to licence L9034/2017/1. 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 licence 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 licence, 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 Amendment summary

Licence L9034/2017/1 is held by the Water Corporation (Licence Holder) for the Advanced Water Recycling Plant (the Premises), located on Ocean ref Road, Craigie.

The premises relates to the category and the assessed design capacity under Schedule 1 of the *Environmental Protection Regulations 1987* (EP Regulations) which are defined in existing licence L9034/2017/1.

On 18 April 2024, the department initiated an amendment to licence L9034/2017/1. The amendment is limited to the correction of the pH Action Criteria set out in Condition 9, table 5. pH in the monitoring bores should fall between 6.0 and 8.5. The risk to the aquifer is from acidification and metal mobilisation under acidified conditions. Past exceedances have been in the vicinity of pH 5.9, suggestive of acidification in the aquifer due to the reinjection of treated wastewater. A trigger of 8.5 will not effectively alert the licence holder of potential issues with injection water quality.

3. Consultation

The licence holder was provided with the draft Amendment Report on 3 May 2024. On 6 May 2024 the licence holder waived the comment period.

4. Conclusion

Based on the assessment in this Amendment Report, the Delegated Officer has determined that an amended licence 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 licence as part of the amendment process.

Table 1: Summary of licence amendments.

Condition no.	Proposed amendments
9, Table 5	pH Action Criteria to be corrected from 8.5 to the range <6.0 and >8.5.

References

1. *Department of Environment Regulation (DER) 2015, Guidance Statement: Setting Conditions, Perth, Western Australia.*
2. *Department of Water and Environmental Regulation (DWER) 2020, Guideline: Environmental Siting, Perth, Western Australia.*
3. *DWER 2020, Guideline: Risk Assessments, Perth, Western Australia.*
4. *Environmental Protection Authority (EPA) 2018, Environmental Impact Assessment (Part IV Divisions 1 and 2) Procedures Manual, Environmental Protection Authority, Perth, WA.*
5. *Snooks & Co 2002, Style Manual for Authors, 6th Edn, John Wiley & Sons Australia Ltd, Brisbane.*