



Application for Licence Amendment

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

Licence Number	L5400/1992/12
Licence Holder	Water Corporation
ACN	003 434 917
File Number	2010/006288
Premises	Waroonna Wastewater Treatment Plant 22 Drake Road WAROONA WA 6215 Legal description – Lot 22 and Lot 305 on Plan 223194 as depicted in schedule 1
Date of Report	31 July 2023
Decision	Revised licence granted

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A/Senior Environmental Officer – Industry regulation

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

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1. Decision summary

Licence L5400 is held by the Water Corporation (Licence Holder) for the Waroona Wastewater Treatment Plant (the Premises), located at 22 (Lots 22 and 305 on Plan 223194) Drake Road Waroona WA 6215.

The Delegated Officer has determined to make amendments to Licence L5400. The amendments outlined within this amendment report do not alter the risk profile of the Premises. As a result of this assessment, Revised Licence L5400 has been granted.

This Amendment Report documents the amendments made pursuant to sections 59(2), 59(1)(a), 59(1)(b) and 59B(9) of the *Environmental Protection Act 1986* (EP Act).

The Revised Licence issued as a result of this amendment consolidates and supersedes the existing Licence previously granted in relation to the Premises.

The Revised Licence has been granted in a new format with existing conditions being transferred, but not reassessed, to the new format.

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 Application summary

On 13 March 2023, the Licence holder submitted an application to the department to amend Licence L5400 under section 59(1)(a), 59(1)(b) and 59B(9) of the *Environmental Protection Act 1986* (EP Act). The amendment is limited only to altering the due date for the environmental report and annual audit compliance report, to be 1 October annually.

The Premises is located along Drake Road in Waroona and has been established since 1992. The Premises is neighboured on the west side by the earthmoving contractor 'Carna Earthmoving'. On the other sides of the WWTP are small farm lots. The closest resident to the plant is approximately 400 m north of the plant.

The Premises is located at the base of the Darling scarp and the edge of the Swan coastal plain. The site is underlain by surficial sediments and shallow aquifers. The groundwater is approximately 1m below the surface. Connected to the site is also a planted treelot of *Eucalyptus globulus* (Tasmanian blue gums).

The site occurs within the same catchment as the RAMSAR listed Peel-Yalgorup wetland system

There are three treatment ponds on the premises. Alum dosing occurs to assist in reducing phosphorus levels encountered in the final effluent discharge from the premises.

Treated wastewater used to be discharged to the adjacent treelot. It is now discharged via the flume to a clay lined swale (approximately 800 metres long) which leads into a pre-established agricultural drain. The swale was constructed in 2014 under works approval W5433/2013/1 and is being tested for effectiveness in further reducing phosphorus concentration in the wastewater.

No changes to the aspects of the Existing Licence relating to Category 54 have been requested by the Licence Holder. Table 1 below outlines the current approved production/design capacity for the Premises.

Table 1: Approved design capacity

Category	Approved design capacity
Category 54 Sewage facility: premises — (a) on which sewage is treated (excluding septic tanks); or (b) from which treated sewage is discharged onto land or into waters.	240 m ³ per day

2.3 Consolidation of Licence

As part of this amendment package the department has consolidated the licence by incorporating changes made under the Amendment Notices as summarised in Table 2.

Table 2: Licenses consolidated in this amendment

Instrument	Issued	Summary of approval
L5400/1992/12	29/04/2016	Notice of Amendment of Licence Expiry Dates

The obligations of the Licence Holder have not changed in consolidating the licence. The department has not undertaken any additional risk assessment of the Premises related to previous Amendment Notices.

In consolidating the Licence, the CEO has:

- updated the format and appearance of the Licence;
- deleted the redundant AACR form set out in schedule 2 of the previous licence and advise the Licensee to obtain the form from the department’s website;
- revised licence condition’s numbers, and removed any redundant conditions and realigned condition numbers for numerical consistency; and
- corrected clerical mistakes and unintentional errors.

The full consolidation of licence conditions as they relate to this Revised Licence are detailed in Section 4.1. Previously issued Amendment Notices will remain on the department’s website for future reference and will act as a record of the department’s decision making.

3. Consultation

The Licence Holder was provided with the draft Amendment Report on 1 June 2023. Comments received from the Licence Holder on 24 July 2023 have been considered by the Delegated Officer as detailed in Appendix 1.

4. Conclusion

Based on the assessment in this Amendment Report, the Delegated Officer has determined that a Revised Licence will be granted, subject to conditions commensurate with the determined controls and necessary for administration and reporting requirements.

4.1 Summary of amendments

Tables 2 and 3 below provide 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 2: Summary of licence amendments

Condition no.	Proposed amendments
N/A	'Licensee' reworded to 'licence holder'.
N/A	'Shall' reworded to 'must'.
Cover page	Registered business address updated. ACN added. Updated to revised licensing format to clarify approved prescribed premises category and assessed capacity. Duration extended to 31/10/2025
N/A - Contents	Deleted. Revised to current licensing format.
N/A - Introduction	Deleted. Revised to current licensing format.
1.1	Deleted – redundant condition.
1.2.1	Deleted – redundant condition.
2.1.1	Deleted – redundant condition.
3.2.1 Table 3.2.1	New condition 12 (table 4) – inclusion of frequency specification for when discharge to Drakesbrook Drain is occurring for the emission point 'Boundary discharge point 2'.
4.1.1 4.1.2 Table 4.1.1	The requirements of the improvement program were complied with, by the submission of a Woodlot Condition Report and a Swale Effectiveness Report on 22/04/2016. The conditions relating to the improvement program have therefore been deleted.
5.1.2	Deleted – redundant condition
5.1.3	New condition 16 - reworded to align with current standard condition wording. Updated to change the AACR reporting submission date to 1 October annually.
5.1.4	New condition 17 - reworded to align with current standard condition wording.
5.2.1	New condition 18 - reworded to align with current standard condition wording. Updated to change the Environmental report submission date to 1 October annually.
Definitions	Definitions updated: 'CEO', 'Licence' and 'annual period'.
	Definitions removed: 'Act' and 'Licensee' – conditions which contained these

Condition no.	Proposed amendments
	references have been removed as part of this amendment
	Definitions added: 'Annual Audit Compliance Report (AACR)', 'approved form', 'condition', 'Department', 'discharge', 'emission', 'EP Act', 'licence holder', 'premises', 'prescribed premises' and 'waste'.
Schedule 2: Reporting & notification forms	AACR form removed as considered redundant.

Table 3: Consolidation of licence conditions in this amendment

Existing condition	Condition summary	Revised licence condition	Conversion notes
N/A	Introduction	N/A	Redundant text. Revised to current licensing format.
1.1.1 - 1.1.2	Interpretation and definitions	Definitions Table 9	Definitions are redundant conditions, revised to current licensing format and moved to Table 9.
1.1.3	Australian or other standard	N/A	Redundant condition removed from Licence - condition intent incorporated into other conditions or covered under subsidiary legislation to the EP Act.
1.1.4	Reference to code of practice	N/A	Redundant condition removed from Licence - condition intent incorporated into other conditions or covered under subsidiary legislation to the EP Act.
1.1.5	Authorised emissions	N/A	Redundant condition removed from Licence - condition intent incorporated into other conditions or covered under subsidiary legislation to the EP Act.
1.2.1	Operation of pollution control equipment	N/A	Redundant condition removed from Licence - condition intent incorporated into other conditions or covered under subsidiary legislation to the EP Act.
1.3.1	Management of ponds	Condition 1	Reference and format updated.
1.3.2	Disposal of sludge	Condition 2	Reference and format updated.
1.3.3	Storage of sludge	Condition 3	Reference and format updated.
1.3.4	Storage of chemicals	Condition 4	Reference and format updated.

Existing condition	Condition summary	Revised licence condition	Conversion notes
1.3.5	Perimeter valves	Condition 5	Reference and format updated.
2.1.1	Record and investigate exceedances of limits or targets	N/A	Redundant condition. Deleted from licence.
2.2.1 Table 2.2.1	Emissions to surface water	Condition 6 Table 1	Reference and format updated.
2.2.2 Table 2.2.2	Emission limits to surface water	Condition 7 Table 2	Reference and format updated.
2.3.1 Table 2.3.1	Emissions to land	Condition 8 Table 3	Reference and format updated.
3.1.1	Sample preservation	Condition 9	Reference and format updated.
3.1.2	Monthly monitoring	Condition 10	Reference and format updated.
3.1.3	Calibration	Condition 11	Reference and format updated.
3.2.1 Table 3.2.1	Monitoring of emissions to surface water	Condition 12 Table 4	Inclusion of frequency specification for when discharge to Drakesbrook Drain is occurring for the emission point 'Boundary discharge point 2'. Reference and format updated.
3.3.1 Table 3.3.1	Monitoring of emissions to land	Condition 13 Table 5	Reference and format updated.
3.4.1 Table 3.4.1	Monitoring of inputs and outputs	Condition 14 Table 6	Reference and format updated.
4.1.1 4.1.2 Table 4.1.1	Improvements	N/A	Condition satisfied, therefore deleted
5.1.1	Records	Condition 15	Reference and format updated.
5.1.2	Person in charge of premises	N/A	Redundant condition. Deleted from licence.
5.1.3	AACR	Condition 16	AACR submission date amended to 1 October. Wording updated to current standard wording. Reference and format updated.

Existing condition	Condition summary	Revised licence condition	Conversion notes
5.1.4	Complaints	Condition 17	Wording updated to current standard wording. Reference and format updated.
5.2.1 Table 5.2.1	Environmental report	Condition 18 Table 7	Environmental Reporting submission date amended to 1 October 2023 annually. Wording updated to current standard wording. Reference and format updated.
5.2.2	Submission requirements Environmental report	Condition 19	Reference and format updated.
5.3.1 Table 5.3.1	Notification requirements	Condition 20 Table 8	Reference and format updated.
Schedule 1: Maps	Premises map	Schedule 1: Maps	Reference and format updated.
Schedule 2: Reporting & notification forms	Reporting & notification forms	Schedule 2: Forms	Deleted annual audit compliance report proforma - Section A, Section B and Section C N1 form revised to current licensing format. Forms accessed at www.dwer.wa.gov.au

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.

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

Condition	Summary of Licence Holder's comment	Department's response
12 Table 4	<p>Table 4 - Boundary discharge point 2 - Frequency Monthly</p> <p>Seeking inclusion of the frequency specification for 'when discharge to Drakesbrook Drain is occurring' for the emission point 'Boundary discharge point 2'.</p> <p>The swale is 800m in length, in summer there is often no discharge at the end of the swale into Drakesbrook Drain. WC are unable to obtain a sample from the Boundary discharge point 2 when there is no flow.</p>	<p>Boundary discharge point 1 and point 2 both discharge to the Drakesbrook Drain, point 1 from the woodlot and point 2 from the clay swale. This indicates that the receiving environment is the same.</p> <p>The frequency specification for boundary discharge point 1 monitoring (Condition 12, Table 4) already permits monitoring only when discharge to Drakesbrook Drain is occurring.</p> <p>The Delegated Officer considers the risk profile of the premises is not altered with this change, therefore will include additional text to the frequency specification for boundary discharge point 2 for 'when discharge to Drakesbrook Drain is occurring' to align this monitoring requirement with the monitoring for discharge point 1.</p>