



## Application for Licence Amendment

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

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<b>Licence Number</b>	L5961/1991/12
<b>Licence Holder</b>	Water Corporation
<b>File Number</b>	DER2014/001269-1
<b>Premises</b>	Geraldton No.2 Water Resource Recovery Facility Webborton Road Wonthella GERALDTON WA 6530 Legal description – Lot 1 on Deposited Plan 57545 Lot 2 on Deposited Plan 57545 and Lot 3 on Deposited Plan 72567
<b>Date of Report</b>	30/08/2023
<b>Decision</b>	Revised licence granted

**Grace Campbell**

**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 L5961/1991/12 is held by the Water Corporation (Licence Holder) for the Geraldton No.2 Water Resource Recovery Facility (the Premises), located at Webberton Road, Wonthella, GERALDTON WA 6530.

The Delegated Officer has determined to make amendments to Licence L5961/1991/12. The amendments outlined within this amendment report do not alter the risk profile of the Premises. As a result of this assessment, Revised Licence L5961/1991/12 has been granted.

This Amendment Report documents the amendments made pursuant to section 59 and 59(B) 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 30 June 2023, the Licence Holder submitted an application to the department to amend Licence L5961/1991/12 under section 59 and 59B 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, and to change the Premises name to be Geraldton No.2 Water Resource Recovery Facility.

The Geraldton No. 2 Water Resource Recovery Facility (WRRF) is situated in Wonthella, Geraldton. The WRRF has a maximum design capacity to process 3,500 m<sup>3</sup> per day. On 12 May 2016, Water Corporation requested an upgrade to the premises with the inclusion of four additional infiltration ponds to increase the infiltration capacity at the premises by up to 3.5 mL/day to a maximum of 8.8 mL/day.

The WRRF treats wastewater to a secondary standard and consists of 2 stabilisation ponds (i.e. a primary aerated pond and a secondary oxidation pond), and an infiltration pond (pond 3). Treated wastewater was previously disposed across broad acreage via sprinkler irrigation. The balance of the treated wastewater was fed into a series of infiltration ponds. Effluent infiltration is reclaimed from an on-site production bore and supplied under commercial terms as non-potable water to the City of Greater Geraldton, Geraldton Golf Club, Geraldton Turf Club, Wonthella Bowling Club and Geraldton Cemetery.

The upgrades to the premises, completed in late 2021, included:

- Four additional infiltration ponds with a total storage capacity of 28 ML and a total infiltration rate capacity of 8.8 ML/ day;
- Six new monitoring bores;
- Pond 3 to be replaced with a distribution chamber;

- Existing infiltration ponds to be remediated through stabilisation of pond embankments and improved access for desludging works; and
- Irrigation area to be taken off line for the incorporation of the new infiltration ponds.

As part of this amendment, redundant improvement and construction conditions have been removed from the licence and new infrastructure and monitoring bores have been incorporated into the existing licence conditions.

No changes to the aspects of the Existing Licence relating to Category 54 has 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.	3,500 m <sup>3</sup> or more per day

### 3. Consultation

The Licence Holder was provided with the draft Amendment Report on 28 August 2023. Comments received from the Licence Holder on 29 August 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

Table 2 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 2: Summary of licence amendments**

Revised licence condition	Previous licence condition	Proposed amendment
Cover page	Cover page	Premises name updated to 'Geraldton No.2 Water Resource Recovery Facility'. Registered business address updated. Updated to revised licensing format. The production/design capacity table updated to revised licensing format.
N/A	Content and Introduction	Deleted from licence. Revised to current licensing format.

Revised licence condition	Previous licence condition	Proposed amendment
Licence History	N/A	Updated to revised licensing format.
Interpretation Definitions and Table 11	1.1.1 Interpretation 1.1.2 Definitions	Updated to revised licensing format. Definition moved to definition table (Table 11).
N/A	N/A	Throughout licence condition wording updated to current template format: 'shall' replaced with 'must and 'licensee' replaced with 'Licence Holder'
N/A	1.1.3	Redundant condition. Deleted from licence
N/A	1.1.4	Redundant condition. Deleted from licence
Condition 1	1.2.1	Revised to current licensing format.
Condition 2	1.2.2	Redundant wording. Updated and revised to current licensing format, with sewage and septage wastes added.
N/A	1.2.3	Deleted in accordance with construction compliance review assessment done by DWER.
N/A	1.2.4 Table 1.2.1	Deleted in accordance with compliance review assessment done by DWER.
N/A	1.2.5	Deleted in accordance with compliance review assessment done by DWER.
N/A	1.2.6	Deleted in accordance with compliance review assessment done by DWER.
N/A	1.2.7	Deleted in accordance with compliance review assessment done by DWER.
N/A	1.3.1	Redundant condition. Deleted from licence.
Condition 3 Table 1	1.3.2 Table 1.3.1	Revised to current licensing format. Redundant table note, deleted from licence.
Condition 4 Table 2	1.3.3 Table 1.3.2	Revised to current licensing format. Row 2 of Table 2 referring to 'treated wastewater discharged to the irrigation area' is redundant with completion of construction and the irrigation area taken off-line.
Condition 5 Table 3	1.3.4 Table 1.3.3	Row 3 of Table 3 has been modified to remove reference to Pond 3 and replace with Distribution Chamber, as per completion of the construction project. Note 1 and Note 2 are redundant with completion of the construction, so have been deleted.

Revised licence condition	Previous licence condition	Proposed amendment
		Maintenance requirements for Ponds IP5-IP8 has been added to the Table 3, extracted from the requirements within Table 1.2.1 of the previous licence.
Condition 6	1.3.5	Revised to current licensing format.
Condition 7	1.3.6	Revised to current licensing format.
N/A	2.1.1	Redundant condition. Deleted from licence. The requirements to report a breach of any limit specified in the licence is adequately covered by condition 24 Table 10.
Condition 8 Table 4	2.2.1 Table 2.2.1	Revised to current licensing format. Row 1 of Table 4 and Note 1 are redundant with completion of the construction, so have been deleted.
Condition 9	3.1.1	Revised to current licensing format.
Condition 10	3.1.2	Revised to current licensing format.
Condition 11	3.1.3	Revised to current licensing format.
Condition 12	3.1.4	Revised to current licensing format.
Condition 13 Table 5	3.2.1 Table 3.2.1	Revised to current licensing format.
Condition 14 Table 6	3.3.1 Table 3.3.1	Revised to current licensing format. Row 2 of Table 6 has been updated to remove reference to the irrigation area, as it has been taken offline with completion of the construction. Note 2 has been deleted from licence with completion of the construction.
Condition 15 Table 7	3.4.1 Table 3.4.1	Revised to current licensing format. Monitoring bores 01/17 to 06/17 have been added to Table 7, as installation has been completed. Table Note 3 has been deleted as the completed installation of the bores makes it redundant.
Condition 16	3.4.6	Revised to current licensing format.
Condition 17	3.4.7	Revised to current licensing format.
Condition 18	3.4.8	Revised to current licensing format.
N/A	4.1.1 Table 4.1.1	The licence holder submitted the nutrient management strategy and a report on the remedial actions on 15 December 2017. DWER reviewed the submission and requested further action is taken regarding increasing groundwater monitoring to a quarterly basis and validation of the Rockwater Models. As DWER considers these

Revised licence condition	Previous licence condition	Proposed amendment
		improvement conditions to be complete, the conditions have been deleted from the licence.  As part of this amendment, the licence holder advised the groundwater monitoring has been completed, and therefore they have reverted the frequency of monitoring back to those specified in condition 15 Table 7.
N/A	5.1.2	Redundant condition. Deleted from licence
Condition 19	5.1.4	Revised to current licensing format.
Condition 20	5.1.3	Condition reworded to current licensing format and updated to change the AACR reporting submission date.
Condition 21 Table 8	5.2.1 Table 5.2.1	Condition reworded to current licensing format and updated to change the AER reporting submission date.  Reference to conditions and tables within Table 8 have been updated to current numbering.
Condition 22	5.2.2	Revised to current licensing format
Condition 23 Table 9	5.2.3 Table 5.2.2	Revised to current licensing format
Condition 24 Table 10	5.3.1 Table 5.3.1	Revised to current licensing format.  Reference to conditions and tables within Table 10 have been updated to current numbering.
Condition 25	5.1.1	Revised to current licensing format.
Definition Table 11	N/A	Revised to current licensing format.  Added definitions for 'approved form', 'books', 'department', 'discharge', 'emission', 'EP Act', 'EP Regulations', 'monthly period', 'prescribed premises', 'waste'.  Updated definitions for 'CEO', 'licence', 'licence holder', 'premises'  Deleted definitions for 'Act', 'controlled waste'
Schedule 1: Maps	Schedule 1: Maps	Revised to current licensing format.  Added New premises map and monitoring bore location map.  Title names updated to remove the phrase 'proposed new' with the completion of construction.
Schedule 2: Reporting & notification forms	Schedule 2: Reporting & notification forms	AACR form deleted from Licence. Redundant attachment. Forms accessed at <a href="http://www.dwer.wa.gov.au">www.dwer.wa.gov.au</a>  N1 form updated to current licensing format
N/A	Decision report	Deleted from licence.

## 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
Condition 15, Table 7	Licence holder provided correct monitoring bores references for newly constructed bores of "01/17 – 06/17".	The Delegated officer has updated condition 15 (Table 7) to incorporate new bore references.
N/A - Schedule 1, Figure 3	Licence holder provided an updated map of monitoring bore locations.	The Delegated officer has updated the map of monitoring bore locations.