



## Application for Licence Amendment

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

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<b>Choose an item.</b>	L5953/1991/14
<b>Choose an item.</b>	Water Corporation
<b>ACN</b>	634 169 841
<b>File Number</b>	2011/007524
<b>Premises</b>	Augusta Wastewater Treatment Plant 869 Leeuwin Road AUGUSTA WA 6290  Legal description –  Lot 869 on Plan 190289 As defined by the coordinates in Schedule 1
<b>Date of Report</b>	19 June 2023
<b>Decision</b>	Revised licence granted

**Grace Campbell**  
**A/Senior Environmental Officer, Waste Industries**  
**Regulatory Services**

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

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## 1. Decision summary

Licence L5953 is held by the Water Corporation (Licence Holder) for the Augusta Wastewater Treatment Plant (the Premises), located at Lot 869 Leeuwin Road, Augusta WA 6290.

The Delegated Officer has determined to make amendments to Licence L5953. The amendments outlined within this amendment report do not alter the risk profile of the Premises. As a result of this assessment, Revised Licence L5953 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 L5953 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.

The Augusta Wastewater Treatment Plant (WWTP) is located southwest of the town of Augusta at the base of an airport runway. The plant was established in 1991 and serves a population of approximately 1,376. The plant is licensed to accept 248 cubic metres (m<sup>3</sup>) per day and treats wastewater to a secondary standard.

The soil underlying the area is generally loamy gravels, duplex sandy gravels, semi-wet soils and grey deep sandy duplexes. The uppermost aquifer beneath the site is the superficial Leeuwin aquifer, which is in turn underlain by a fractured limestone. The site is considered to be within the catchment of the Toolibin Lake (a Ramsar site).

The plant consists of three treatment ponds where the wastewater is treated to a secondary standard. Treated wastewater is discharged via infiltration within an onsite designated land disposal area. The wastewater is discharged via a number of pipes into the infiltration disposal area. During wet periods this disposal area becomes a wetland and eventually flows to the Redman Brook which in turn flows into Flinders Bay.

The main emissions from the site are discharges of treated wastewater to land and surface water. Adjacent premises include the Augusta airport and crown land. The closest sensitive premises is a farm residence located approximately 500 m east of the WWTP.

Discharges of treated wastewater to land are managed by treating the wastewater to a defined water quality level and undertaking compliance monitoring prior to discharge.

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.	248 m <sup>3</sup> per day

### 3. Consultation

On 1 June 2023 the Licence Holder waived the comment period.

### 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 and Table 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'.
N/A - Cover page	Registered business address updated. ACN updated.
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	Deleted – redundant conditions. Condition intent incorporated into other conditions or covered under subsidiary legislation to the EP Act.
1.3.1	Deleted – redundant condition
3.2, 3.3, 3.4, 3.5, 3.6, 3.7 and 3.8	Deleted redundant headings

Condition no.	Proposed amendments
3.1.3	Deleted – redundant condition
3.8.1	Reference to Schedule 1: Maps Figure 1 added to Table 10 for clarity of the intent of the condition.  Table 3.8.2 renumbered to Table 11, a condition added to specify the intent of this table, reference to groundwater monitoring bores expanded and reference to Schedule 1: Maps Figure 1 added to clarify the intent of this table.
5.1.1	Reworded
5.1.2	Deleted – redundant condition
5.1.3	New condition 19 - reworded to align with current standard condition wording. Updated to change the AACR reporting submission date to 1 October
5.1.4	New condition 20 – reworded to align with current standard condition wording
5.2.1	New condition 21 - reworded to align with current standard condition wording. Updated to change the Environmental report submission date to 1 October.
Definitions	Definitions updated: 'CEO', 'Licence' and 'annual period'.
	Definitions removed: 'Act' and 'Licensee' – conditions which contained these 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.
	N1 form retained, and format updated.

**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	N/A Definitions Table 15	Definitions are redundant conditions, revised to current licensing format and moved to Table 15.

Existing condition	Condition summary	Revised licence condition	Conversion notes
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.
1.2.1	Emissions	N/A	Redundant condition. Revised to current licensing format.
1.2.2	Pollution control and monitoring equipment	N/A	Redundant condition. Adequately covered by alternative existing conditions. Deleted from licence.
1.2.3	Storage of environmentally hazardous materials	N/A	Redundant condition. Adequately regulated by the Dangerous Goods Safety Act 2004. Deleted from licence.
1.2.4	Recovery and removal of spills	N/A	Redundant condition. Adequately covered by EP (Unauthorised Discharges) Regulations 2004. Deleted from licence.
1.2.5	Prevention of contamination and containment of contaminated stormwater	N/A	Redundant condition. Adequately covered by alternative existing conditions and proposed new conditions. Deleted from licence.
1.3.1	Limit exceedance	N/A	Redundant condition. Deleted from licence.
1.3.2 Table 1.3.2	Waste acceptance	Condition 1 Table 1	Reference and format updated.
1.3.3 Table 1.3.3	Waste processing	Condition 2 Table 2	Reference and format updated.
1.3.4 Table 1.3.4	Waste storage	Condition 3 Table 3	Reference and format updated.
1.3.5	Management of ponds	Condition 4	Reference and format updated.
1.3.6	Management of infiltration area	Condition 5	Reference and format updated.
2.1.1	Limit exceedance	N/A	Removed to avoid duplication with Condition 1.

Existing condition	Condition summary	Revised licence condition	Conversion notes
2.2	Point source emissions to air	N/A	Redundant condition removed from the Licence.
2.3.1 Table 2.3.1	Emissions	Condition 6 Table 4	Reference and format updated.
2.4	Point source emissions to groundwater	N/A	Redundant condition removed from the Licence.
2.5.1. Table 2.5.1	Emissions to land	Condition 7 Table 5	Reference and format updated.
2.5.2. Table 2.5.2	Emission targets to land	Condition 8 Table 6	Reference and format updated.
2.6	Fugitive emissions	N/A	Redundant condition removed from the Licence.
2.7	Odour	N/A	Redundant condition removed from the Licence.
2.8	Noise	N/A	Redundant condition removed from the Licence.
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	Recording data	N/A	Redundant condition. Deleted from licence.
3.1.4	Calibration	Condition 11	Reference and format updated.
3.1.5	Reporting calibration not met	Condition 12	Reference and format updated.
3.2	Monitoring of point source emissions to air	N/A	Redundant condition removed from the Licence.
3.3	Monitoring of point source emissions to surface water	N/A	Redundant condition removed from the Licence.
3.3.1 Table 3.3.1	Monitoring of point source emissions to surface water	Condition 13 Table 7	Reference and format updated.
3.4	Monitoring of point source	N/A	Redundant condition removed from the Licence.

Existing condition	Condition summary	Revised licence condition	Conversion notes
	emissions to groundwater		
3.5.1 Table 3.5.1	Monitoring of emissions to land	Condition 14 Table 8	Reference and format updated.
3.6.1 Table 3.6.1	Monitoring of inputs and outputs	Condition 15 Table 9	Reference and format updated.
3.7	Process monitoring	N/A	Redundant condition removed from the Licence.
3.8.1 Table 3.8.1	Ambient surface water monitoring	Condition 16 Table 10	Reference and format updated. Condition wording revised to clarify intent of condition.
Table 3.8.2	Ambient groundwater monitoring	Condition 17 Table 11	Condition added to clarify intent of Table 11. Condition wording revised to clarify intent of condition.
4	Improvements	N/A	Redundant condition removed from the Licence.
5.1.1	Records	Condition 18	Reference and format updated.
5.1.2	Person in charge	N/A	Redundant condition removed from the Licence
5.1.3	AACR	Condition 19	AACR submission date amended to 1 October. Wording updated to current standard wording. Reference and format updated.
5.14	Complaints	Condition 20	Wording updated to current standard wording. Reference and format updated.
5.2.1 Table 5.2.1	Environmental report	Condition 21 Table 12	Environmental Reporting submission date amended to 1 October 2023 and then biennially thereafter. Wording updated to current standard wording. Reference and format updated.
5.2.2	Submission requirements Environmental report	Condition 22	Reference and format updated.
5.2.3 Table 5.2.3	Non-annual reporting requirements	Condition 23 Table 13	Reference and format updated.
5.3.1 Table 5.3.1	Notification	Condition 24 Table 14	Reference and format updated.



Existing condition	Condition summary	Revised licence condition	Conversion notes
Schedule 1: Maps	Premises map	Schedule 1: Maps	New naming convention, no change to map
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 <a href="http://www.dwer.wa.gov.au">www.dwer.wa.gov.au</a>

## 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.