



## Application for Licence Amendment

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

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<b>Licence Number</b>	L6270/1991/10
<b>Licence Holder</b>	Water Corporation
<b>ABN</b>	28 003 434 917
<b>File Number</b>	DER2013/000796-1
<b>Premises</b>	Kununurra Wastewater Treatment Plant Reserve 30945 Duncan Highway KUNUNURRA WA 6743  Legal description – Lot 3008 on Plan 48173  As defined by the Premises map attached to the Revised Licence
<b>Date of Report</b>	29/08/2023
<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 L6270/1991/10 is held by the Water Corporation (Licence Holder) for the Kununurra Wastewater Treatment Plant (the Premises), located at Reserve 30945, Duncan Highway Kununurra WA 6743.

The Delegated Officer has determined to make amendments to Licence L6270/1991/10. The amendments outlined within this amendment report do not alter the risk profile of the Premises. As a result of this assessment, Revised Licence L6270/1991/10 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 L6270/1991/10 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. In amending the licence, the CEO has:

- updated the format and appearance of the Licence;
- deleted the redundant AACR form set out in schedule 1 of the previous licence and advise the licence holder 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 summary of amendments made to this Revised Licence are detailed in Section 4.1.

The Kununurra Wastewater Treatment Plant (WWTP) is licensed to treat up to 2000 kL/day of wastewater. It treats wastewater to a secondary standard using two series of primary, secondary, tertiary and quaternary ponds. Following pond treatment, effluent is subject to chlorination before being discharged to the M1 Channel.

The WWTP is located 1.3 kilometres southwest of the Kununurra town centre (Post Office), which is located in the Kimberley region of Western Australia and is the administrative and commercial precinct for the Ord River Irrigation Area (ORIA). The closest sensitive receptor is 1 km to the southeast, which are residents in the Kimberleyland Caravan Park. The region experiences a tropical climate with a distinct dry and wet season. The wet season is from November to April and is characterised by high temperatures, high humidity and heavy rainfall

from monsoonal and cyclonic activity, whilst the dry season is from May to October and is comprised of moderate temperatures and low rainfall. Although subject to variability, the mean annual rainfall for Kununurra is 850 mm, with the majority of this rain falling in the wet season. Constructed in 1967, the plant was upgraded in 1988. Treated wastewater from the WWTP is discharged to the Water Corporation's M1 Channel, which is located approximately 200 m to the west of the WWTP. The M1 Channel draws water from the Kununurra Diversion Dam and supplies this water via a gravity-fed system to customers on the Ivanhoe Plain of the ORIA for irrigation purposes.

Any significant degradation to the quality of the water within the M1 Channel (as a result of discharge from the Kununurra WWTP) may have impact on the suitability of the water for irrigation purposes. Notwithstanding this, the continued release of water from the Kununurra Diversion Dam into the M1 Channel during the dry season is believed to ensure that the quality of water within the channel is suitable for irrigation purposes. However during the wet season when there is little demand for irrigation water from the M1 Channel, the channel is flushed with water from the Kununurra Diversion Dam as required to ensure that the water quality within the channel is of a suitable standard.

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.	2000	m <sup>3</sup> per day

### 3. Consultation

The Licence Holder was provided with the draft Amendment Report on 16 August 2023. Comments received from the Licence Holder on 22 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	Condition summary	Amendment notes
N/A	N/A	N/A	'Shall' updated to 'must' and 'Licensee' updated to 'licence holder' as per current licensing wording.
N/A	N/A	Cover page	Updated to revised licensing format. Restructured to clearly indicate what prescribed activities have been risk assessed. ABN added. 'John Tonkin Water Centre' added to registered business address. DWER file number amended. Date of amendment added. Premises details updated, as per current licensing wording.
Prescribed premises category table	Prescribed premises category table	Prescribed premises category description	Revised to current licensing format – 'Approved premises production or design capacity' column heading updated to 'Assessed production/design capacity'. 'Category production or design capacity' and 'Category number' columns removed.
N/A	N/A	Contents	Contents redundant. Deleted. Revised to current licensing format.
N/A	N/A	Introduction	Introduction redundant. Deleted. Revised to current licensing format.
N/A	Premises description and Licence summary	Licence and premises background summary	Deleted from licence and relevant text moved to section '2.1 Application Summary' of this Amendment Report.
Licence history table	Instrument log table	Licence history details	Instrument log table (under 'Introduction' section) updated to Licence history table. Table title and headings updated, works approval details (W208/91/0 issued 23/09/1998) deleted and preceding explanatory paragraph deleted, as per current licensing format and wording. Table updated to include this amendment.
Interpretation section, Definitions and Table 12	1.1.1	Interpretation and definitions	Redundant conditions. Revised to current licensing format.
	1.1.2		Definitions updated: 'Annual period', 'CEO', 'licence', 'premises' and 'Treatment Plant Outlet Pipe'.

Revised licence condition	Previous licence condition	Condition summary	Amendment notes
			Definitions removed: 'Act', 'controlled waste', 'Licensee' and 'Schedule 2'. Definitions added: 'ACN', 'Annual Audit Compliance Report (AACR)', 'approved form', 'condition', 'Department', 'discharge', 'emission', 'EP Act', 'EP Regulations', 'licence holder', 'prescribed premises' and 'waste'.
Interpretation section, Definitions and Table 11	1.1.3	Australian or other standard	Redundant condition. Revised to current licensing format.
Interpretation section, Definitions and Table 11	1.1.4	Reference to code of practice	Redundant condition. Revised to current licensing format.
N/A	1.2.1	Record and investigate exceedances of limits or targets	Redundant condition. Revised to current licensing format.
N/A	N/A	Licence conditions	'The licence holder must ensure that the following conditions are complied with:' added. Revised to current licensing format.
Condition 1 Table 1	1.2.2 Table 1.2.1	Waste acceptance	New numbering. Revised to current licensing format.
Condition 2 Table 2	1.2.3 Table 1.2.2	Waste processing	New numbering. Revised to current licensing format. Column 3 heading amended for clarity.
Condition 3 Table 3	1.2.4 Table 1.2.3	Containment infrastructure	New numbering. Revised to current licensing format.
Condition 4	1.2.5	Wastewater treatment pond management	New numbering. Revised to current licensing format.
Condition 5	1.2.6	Security measures	New numbering. Revised to current licensing format.
Emissions and discharges heading	2	Emissions heading	Amended to 'Emissions and discharges' as per current licensing wording.

<b>Revised licence condition</b>	<b>Previous licence condition</b>	<b>Condition summary</b>	<b>Amendment notes</b>
Condition 6 Table 4	2.1.1 Table 2.1.1	Point source emissions to surface water	New numbering. Revised to current licensing format.  'Map of emission points' updated to 'Map of monitoring locations' - there is no Map of emission points in the licence, however locations referred to in Table 4 are reflected on the 'Map of monitoring locations'.
Condition 7	3.1.1	Sampling requirements	New numbering. Revised to current licensing format.
Condition 8	3.1.2	Monitoring requirements	New numbering. Revised to current licensing format.
Condition 9	3.1.3	Monitoring equipment calibration	New numbering. Revised to current licensing format.
Condition 10	3.1.4	Monitoring equipment calibration reporting	New numbering. Revised to current licensing format.
Condition 11 Table 5	3.2.1 Table 3.2.1	Monitoring of point source emissions to surface water	New numbering. Revised to current licensing format.
Condition 12 Table 6	3.3.1 Table 3.3.1	Monitoring of inputs and outputs	New numbering. Revised to current licensing format.
Condition 13 Table 7	3.4.1 Table 3.4.1	Monitoring of ambient environmental quality	New numbering. Revised to current licensing format.  Additional 'monitoring' removed from table title for clarity.
Condition 14 Table 8	4.1.1 Table 4.1.1	Improvement program conditions	New numbering. Revised to current licensing format.
N/A	5	Information heading	Heading deleted, as per current licensing format.
Records and reporting heading	5.1	Records heading	'Records' heading updated to 'Records and reporting' heading, as per current licensing format.
Condition 15	5.1.1	Record requirements	New numbering. Revised to current licensing format.

Revised licence condition	Previous licence condition	Condition summary	Amendment notes
Condition 16	5.1.2	Annual Audit Compliance Report	Condition reworded and updated to change the AACR reporting submission date to 1 October. New numbering. Revised to current licensing format.
Condition 17	5.1.3	Complaints	New numbering. Revised to current licensing format.
N/A	5.2	Records heading	Deleted. Revised to current licensing format.
Condition 18 Table 9	5.2.1 Table 5.2.1	Annual Environmental Report	Condition reworded and updated to change the AER reporting submission date to 1 October. New numbering. Revised to current licensing format. Table title changed to 'Environmental reporting requirements', 'Parameter' heading changed to 'Requirement' and '(if relevant)' deleted from column 1 heading. Note 1 underneath Table 8 amended to 'Forms are on the Department's website'.
Condition 19	5.2.2	Annual Environmental Report assessment	'Annual Environmental Report' updated to 'environmental report' consistent with condition 17 wording.
Condition 20 Table 10	5.2.3 Table 5.2.2	Non-annual reporting requirements	New numbering. Revised to current licensing format. Column 1 considered irrelevant and deleted from Table 9. 'Forms are in Schedule 2' deleted from underneath Table 9 - forms from third parties are not available in Schedule 2.
N/A	5.3	Notification heading	Redundant. Deleted. Revised to current licensing format.
Condition 21 Table 11	5.3.1 Table 5.3.1	Notification requirements	New numbering. '(Or table if relevant)' considered irrelevant and deleted from column 1 heading. Condition reference updated. Revised to current licensing format.
Schedule 1: Maps Figure 1. Premises map Figure 2. Map of monitoring locations	Schedule 1: Maps Premises map and Map of monitoring locations	Schedule 1: Premises map & Map of monitoring locations	Premises map and premises map description updated and Figure 1 label added, as per current licensing format. Monitoring map and monitoring map description updated and Figure 2 label added, as per current licensing format.



Revised licence condition	Previous licence condition	Condition summary	Amendment notes
N/A	Schedule 2: Reporting & notifications	Annual Audit Compliance Report	Redundant attachment. Deleted from Licence 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.

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

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Condition	Summary of Licence Holder's comment	Department's response
N/A	Licence holder listed as 'Kununurra Wastewater Treatment Plant'. Licence holder should be Water Corporation.	Noted and corrected.
N/A	Water Corporation is a statutory body and doesn't have an Australian Company Number (ACN). Water Corporation's ABN is 28 003 434 917.	Noted and corrected.