



Amendment Report

Licence Renewal

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

Licence Number	L7461/2000/9
Licence Holder	Water Corporation
ACN	28 003 424 917
File Number	2012/006666-1~1
Premises	Leonora Wastewater Treatment Plant Crown Reserve 41956, Steel Street LEONORA WA 6537 Being Lot 1273 on Plan 190076 as depicted in Schedule 1
Date of Report	19/20/2020
Proposed Decision	Revised licence granted

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A/MANAGER WASTE INDUSTRIES

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

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1. Decision summary

The Delegated Officer has determined to make amendments to Licence L7461/2000/9. 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).

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

Licence L7461/2000/8 is held by Water Corporation (Licence Holder) for the Leonora Wastewater Treatment Plant (the Premises), located at Crown Reserve 41956, Steel Street Leonora.

The Leonora Wastewater Treatment Plant (WWTP), located approximately 500m west of the Leonora town site, consists of three treatment ponds (in series), a copper dosing facility, large storage pond, mechanical filtration, gaseous chlorinator and an environmental discharge flume. The ponds are clay lined with an estimated base permeability of 1×10^{-9} m/s. The wastewater flows from the Primary pond 1 (aerobic) to the Maturation ponds 2 then 3 (aerobic containing a baffle curtain and hex discs) and is then treated to a secondary standard. Overflow from pond 3 flows to Storage pond 4 via a pipe. Any backwash water that is used to clean the filters at the Chlorinator is also pumped to pond 4. Copper dosing occurs between pond 1 and pond 2 to control algal growth.

When the Shire of Leonora requires treated wastewater (TWW) for Third Party Reuse at the Shire Oval, TWW from pond 3 is mechanically filtered to remove suspended solids then treated to a tertiary standard via Gaseous Chlorination at the Reuse Plant. The TWW is then sent offsite to the Shire's Re-use tank. When TWW cannot be stored at the WWTP or sent for Third Party Reuse, it is discharged from pond 3 to the environmental discharge channel via a discharge flume. This channel is a flat area west of the WWTP, approximately 1km long where surface ponding, evaporation and infiltration occurs.

On 5 May 2020 the Department of Water Environmental Regulation (department) wrote to the Licence Holder informing that, due to the COVID-19 health situation, full scope renewals of licences due for expiry in the 2020/21 financial year were not required. Accordingly, the renewal application for Licence L7461/2000/8 will be processed in an administrative manner, reducing the scope of information required for submission.

Subsequently on 1 June 2020, the Licence Holder submitted an application to the department to renew Licence L7461/2000/8 under section 59B of the *Environmental Protection Act 1986* (EP Act). The Licence Holder has sought an extended licence duration of three years past the existing expiry date of 29 November 2020 to align with their environmental risk assessment program of works, aligning dates for application for future works and application for licence renewal.

The amendment is limited to extending licence expiry date, update of licence format, renumbering of conditions and amalgamating previous Amendment Notice 1, issued 24 July 2019.

3. Consultation

The application was advertised in the West Australian on 27 August 2020 for public comment. No submissions were received.

The Licence Holder was provided with the draft Amendment Report on 23 October 2020. Comments received from the Licence Holder on 16 November 2020 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 renewed 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.	Condition summary	Revised licence condition	Conversion notes
N/A	Expiry Date: 29 November 2020	Expiry Date: 29 November 2023	Extended in accordance with date applied for and <i>DWER Guideline: Licence Duration (August 2016)</i> .
N/A	Front page	N/A	Revised to current licensing format.
N/A	Licence history	N/A	Added to Licence to reflect revisions and amendment notices.
Definitions	Interpretation and definitions	Interpretation section, Definitions	Revised to current licensing format. Definitions now at back of licence, Table 5.
1.2.1	Recording and reporting of limits	Condition 4	Revised to current licensing format and renumbered.
1.2.2, Table 1.2.1	Waste acceptance	Condition 2, Table 2	Revised to current licensing format and renumbered. Changes from Amendment Notice 1 added including

Condition no.	Condition summary	Revised licence condition	Conversion notes
			acceptance and discharge of sewage waste.
1.2.3, Table 1.2.2	Waste processing	Condition 3, Table 3	Revised to current licensing format and renumbered. Changes from Amendment Notice 1 added including additional processes of copper dosing and discharge to disposal channel.
1.2.4, Table 1.2.3	Containment infrastructure	Condition 4, Table 4	Removed following comments from the Licence Holder (see Appendix 1)
1.2.5	Management of treatment ponds	Condition 5	Revised to current licensing format and renumbered.
1.2.6	Monitoring of cumulative monitoring volumes	Condition 6	Revised to current licensing format and renumbered.
1.2.7	Monitoring of cumulative monitoring volumes	-	Duplicated in error. Condition removed.
2.1, Table 2.1.1	Emissions to Land	Condition 7, Table 5	Revised to current licensing format and renumbered. Changes from Amendment Notice 1 added including revised emission point references. New cell added to Column 2 for Post CI magflow following Licence Holder comments.
3.1.1	General monitoring	Condition 8	Revised to current licensing format and renumbered.
3.1.2	Quarterly monitoring	Condition 9	

Condition no.	Condition summary	Revised licence condition	Conversion notes
3.1.3	Monitoring equipment specifications	Condition 10	
3.1.4	Calibration notification requirements	-	Condition now redundant as per updated licensing processes.
3.2.1	Monitoring of emissions to land	Condition 11, Table 6	Revised to current licensing format and renumbered. Changes from Amendment Notice 1 added including revised monitoring point references.
3.3.1, Table 3.3.1	Monitoring of inputs and outputs	Condition 1, Table 7	Revised to current licensing format and renumbered. Changes from Amendment Notice 1 added including revised monitoring point references and inputs/outputs.
4.1 (4.1.1- 4.2.2, Table 4.1.1)	Improvement program	-	Condition removed as improvements complete and no longer required.
5.1.1	Records	Condition 13	Revised to current licensing format and renumbered.
5.1.2	Personnel training	-	Condition now considered redundant
5.1.3	AACR	Condition 14	Revised to current licensing format and renumbered. Annual reporting deadline added and reference to form added in footnote.
5.1.4	Complaints management	Condition 18	Revised to current licensing format and

Condition no.	Condition summary	Revised licence condition	Conversion notes
			renumbered. Revised to reflect updated licence standard conditions. No material changes to requirements.
5.2.1	Annual Environmental Report	Condition 15	Revised to current licensing format and renumbered. Column 1 amended to reference the updated conditions. Column 3 removed as forms are now redundant. AACR and complaints requirements removed as are embedded within Conditions 15 and 20.
5.3.1, Table 5.3.1	Notification requirements	Condition 17, Table 9	Revised to current licensing format and renumbered. Column 4 and reference to calibration report removed as forms now redundant under updated licensing framework.

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

Condition	Summary of Licence Holder's comment	Department's response
1	Duplication of requirements between equipment in Condition 1 (Table 1) and containment infrastructure in Condition 4 (Table 4).	The regulatory outcome of the two conditions can be met with one table containing the relevant infrastructural requirements from both; accordingly, the duplication has been corrected.
7	Contention that Condition 7 requiring the maintenance of a device for measuring cumulative volumes of treated discharged wastewater duplicates the requirements in Table 5: Emissions to land.	Condition 7 (now 6 with numbering changes) relates to the requirement for the presence and maintenance of the measuring device, whereas table 5 refers to the emission point locations where Emissions to Land may occur in Schedule 1. The Delegated Officer deems both conditions appropriate.
13, Table 7	Lack of clarity having two flow meters referenced within the same cell of Table 7; request to have a cell added to split them between two cells.	Extra cell added to Column 1 of Table 7 (now Table 6) to separate Inflow Magflow Meter and Post CI Magflow to ensure clarity that the two are separate devices.