



<b>Licence number</b>	L8237/2008/3
<b>Licence holder</b>	Water Corporation
<b>ABN</b>	28 003 434 917
<b>Registered business address</b>	629 Newcastle Street LEEDERVILLE WA 6007
<b>DWER file number</b>	DEC7562/1
<b>Duration</b>	10/12/2023 to 09/12/2043
<b>Date of issue</b>	29/04/2024
<b>Premises details</b>	Corrigin Water Resource Recovery Facility Reserve 27018 CORRIGIN WA 6375

<b>Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)</b>	<b>Assessed production capacity</b>
Category 54	100 cubic meters or more per day

This licence is granted to the licence holder, subject to the attached conditions, on 29 April 2024, by:

Grace Heydon

A/MANAGER WASTE INDUSTRIES

REGULATORY SERVICES

*Officer delegated under section 20 of the Environmental Protection Act 1986*

## Licence history

Date	Reference number	Summary of changes
10/12/2009	L8237/2008/1	Licence New application
08/12/2023	L8237/2008/3	Licence renewed for another 20 years
29/04/2024	L8237/2008/3	Administrative amendments to reporting requirements
29/04/2024	L8237/2008/3	Administrative amendments to Annual Audit Compliance Reporting requirements

## Interpretation

In this licence:

- (a) the words ‘including’, ‘includes’ and ‘include’ in conditions mean “including but not limited to”, and similar, as appropriate;
- (b) where any word or phrase is given a defined meaning, any other part of speech or other grammatical form of that word or phrase has a corresponding meaning;
- (c) where tables are used in a condition, each row in a table constitutes a separate condition;
- (d) any reference to an Australian or other standard, guideline, or code of practice in this licence:
  - (i) if dated, refers to that particular version; and
  - (ii) if not dated, refers to the latest version and therefore may be subject to change over time;
- (e) unless specified otherwise, any reference to a section of an Act refers to that section of the EP Act; and
- (f) unless specified otherwise, all definitions are in accordance with the EP Act.

**NOTE:** This licence requires specific conditions to be met but does not provide any implied authorisation for other emissions, discharges, or activities not specified in this licence.

## Licence conditions

The licence holder must ensure that the following conditions are complied with.

### Infrastructure and equipment

1. The licence holder must ensure that the site infrastructure and equipment listed in Table 1 and located at the corresponding infrastructure location is maintained and operated in accordance with the corresponding operational requirement set out in Table 1.

**Table 1: Infrastructure and equipment requirements**

Site infrastructure and equipment	Operational requirement	Infrastructure location
Pond 1 and Pond 2	Lined with compacted in-situ soils Material.	As shown in Figure 1 of Schedule 1
Sludge storage area	Temporary or permanent infrastructure to consist of a bunded hardstand or lined to achieve a permeability of less than 10 <sup>-9</sup> m/s capable of preventing surface run- off or leachate and sludge and which includes a leachate collection system.	

### Waste acceptance

2. The licence holder must only accept onto the premises waste of a waste type, which does not exceed the corresponding rate at which waste is received, and which meets the corresponding acceptance specification set out in Table 2.

**Table 2: Types of waste authorised to be accepted onto the premises**

Waste type	Rate at which waste is received	Acceptance specification
Sewage	290 m <sup>3</sup> /day	Accepted through sewer inflow(s) only
Septage wastes (Sewage) – domestic wastes from apparatus for the treatment of sewage.		<ul style="list-style-type: none"> <li>• Waste code K130</li> <li>• Tankered into the premises and discharged into pond 1.</li> </ul>

## Waste processing

3. The licence holder must ensure that the waste types specified in Table 3 are only subjected to the corresponding processes, subject to the corresponding process limits and/or specifications.

**Table 3: Waste processing**

Waste type	Process(es)	Process limits and/or specifications
Sewage	Physical, biological and chemical treatment	Treatment of sewage waste shall be at or below the treatment capacity of
Sewage sludge and waste activated sludge	Sludge treatment and storage	<ul style="list-style-type: none"> <li>• Direct activated sludge to drying beds or mechanical dewatering system;</li> <li>• Leachate from drying beds and/or mechanical dewatering system to be returned back into the inlet works;</li> <li>• Addition of (EM640) polymer or other approved emulsion polymer used for flocculation in the dehydrator (mechanical dewatering system);</li> <li>• After dewatering by volute dehydrator or drying in the sludge drying beds, no more than 150 m<sup>3</sup> of dewatered sludge cake to be stored at any one time, for no more than 72 hours; and</li> <li>• Removed to licenced landfill.</li> </ul>

4. The licence holder must manage all wastewater treatment ponds such that:
- (a) overtopping of the ponds does not occur;
  - (b) a freeboard equal to, or greater than, 300mm is maintained;
  - (c) the integrity of the containment infrastructure is maintained;
  - (d) trapped overflows are maintained on the outlet of ponds to prevent carry over of surface floating matter; and
  - (e) vegetation and floating debris (emergent or otherwise) is prevented from growing or accumulating on to pond surfaces or inner pond embankments.
5. The licence holder must:
- (a) erect and maintain suitable fencing to prevent unauthorised access to the site;
  - (b) ensure that any entrance gates to the premises are securely locked when the premises is unattended; and
  - (c) undertake regular inspections of all security measures and repair damage as soon as practicable.

## Monitoring

6. The licence holder must undertake the monitoring in Table 4 according to the specifications in that table.

**Table 4: Monitoring of inputs and outputs**

Input/Output	Monitoring point location	Parameter	Units	Averaging period	Frequency
Treated wastewater discharged to Shire storage for irrigation	Treated WW Magflow meter	Volumetric flow rate (cumulative)	m <sup>3</sup> /day	Monthly	Continuous

7. The licence holder must monitor emissions to the emission point reference in accordance with Table 5 and ensure that the emissions from the monitoring locations do not exceed the corresponding limits specified in that table.

**Table 5: Discharge monitoring and limits**

Monitoring point reference	Process description	Parameter	Averaging period	Frequency
Pond 2	Discharge from wastewater treatment plant to Shire storage dam/pond	Volumetric flow rate (cumulative)	Monthly	Continuous
		Biological Oxygen Demand (mg/L)	Spot sample	Quarterly
		Total Dissolved Solids (mg/L)		
		Total Suspended Solids (mg/L)		
		Total Nitrogen (mg/L)		
		Total Phosphorous (mg/L)		
		E. coli (cfu/100mL)		
pH <sup>1</sup>				

Note 1: In-field non-NATA accredited analysis permitted.

8. The licence holder must ensure that:
  - (a) all water samples are collected and preserved in accordance with AS/NZS 5667.1;
  - (b) all wastewater sampling is conducted in accordance with AS/NZS 5667.10;
  - (c) all groundwater sampling is conducted in accordance with AS/NZS 5667.11
  - (d) all microbiological samples are collected in accordance with AS/NZS 2031; and
  - (e) all laboratory samples are submitted to a laboratory with current NATA accreditation for the parameters to be measured.
9. The licence holder must ensure that:
  - (a) monthly monitoring is undertaken at least 15 days apart; and
  - (b) quarterly monitoring is undertaken at least 45 days apart.
10. The licence holder must ensure that all monitoring equipment used on the premises to comply with the conditions of this licence is calibrated in accordance with the manufacturer's specifications and the requirements of this licence.
11. The licence holder must, where the requirements for calibration cannot be practicably met, or a discrepancy exists in the interpretation of the requirements, bring these issues to the attention of the CEO accompanied with a report comprising details of any modifications to the methods.

## Records and reporting

12. The licence holder must record the following information in relation to complaints received by the licence holder (whether received directly from a complainant or forwarded to them by the Department or another party about any alleged emissions from the premises:
  - (a) the name and contact details of the complainant, (if provided);
  - (b) the time and date of the complaint;
  - (c) the complete details of the complaint and any other concerns or other issues raised; and
  - (d) the complete details and dates of any action taken by the licence holder to investigate or respond to any complaint.
13. The licence holder must:
  - (a) undertake an audit of their compliance with the conditions of this licence during the preceding annual period; and
  - (b) prepare and submit to the CEO by no later than 1 October annually an Annual Audit Compliance Report in the approved form.
14. The licence holder must maintain accurate and auditable books including the following records, information, reports, and data required by this licence:
  - (a) the calculation of fees payable in respect of this licence;
  - (b) any maintenance of infrastructure that is performed in the course of complying with condition 1 of this licence;
  - (c) monitoring programmes undertaken in accordance with conditions 6 and 7 of this licence; and
  - (d) complaints received under condition 12 of this licence.
15. The books specified under condition 14 must:

- (a) be legible;
- (b) if amended, be amended in such a way that the original version(s) and any subsequent amendments remain legible and are capable of retrieval;
- (c) be retained by the licence holder for the duration of the licence; and
- (d) be available to be produced to an inspector or the CEO as required.

**16.** The licence holder must submit to the CEO by 1 October every two years, a Biennial Environmental Report for the two preceding annual periods, for the conditions listed in Table 6, and which provides information in accordance with the corresponding requirement(s) set out in Table 6.

**Table 6: Biennial Environmental Report**

Condition	Requirement
-	Summary of any failure or malfunction of any pollution control equipment and any environmental incidents that have occurred during the annual period and any action taken
Table 2 Waste Acceptance	Summary of any treatment capacity target exceedances and any action taken.
4	Summary of any freeboard target exceedances and any action taken.
Table 4	Methodology and calculations used to estimate the daily volumetric flow rate of treated wastewater pumped to evaporation basins and results of those calculations.
Table 5	Discharge monitoring and limits
12	Any complaints received over the reporting period.

## Definitions

In this licence, the terms in Table 7 have the meanings defined.

**Table 7: Definitions**

Term	Definition
ACN	Australian Company Number
Annual Audit Compliance Report (AACR)	means a report submitted in a format approved by the CEO (relevant guidelines and templates may be available on the Department's website).
annual period	a 12-month period commencing from 1 July until 30 June of the immediately following year.
CEO	means Chief Executive Officer of the Department. "submit to / notify the CEO" (or similar), means either: Director General Department administering the <i>Environmental Protection Act 1986</i> Locked Bag 10 Joondalup DC WA 6919 or: <a href="mailto:info@dwer.wa.gov.au">info@dwer.wa.gov.au</a>
Department	means the department established under section 35 of the <i>Public Sector Management Act 1994 (WA)</i> and designated as responsible for the administration of the EP Act, which includes Part V Division 3.
EP Act	<i>Environmental Protection Act 1986 (WA)</i>
EP Regulations	<i>Environmental Protection Regulations 1987 (WA)</i>
licence	refers to this document, which evidences the grant of a licence by the CEO under section 57 of the EP Act, subject to the specified conditions contained within.
licence holder	refers to the occupier of the premises, being the person specified on the front of the licence as the person to whom this licence has been granted.
monthly period	means a one-month period commencing from day 10 of a month until day 9 of the immediately following month.
premises	refers to the premises to which this licence applies, as specified at the front of this licence and as shown on the premises map in Schedule 1 to this licence.

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**END OF CONDITIONS**



# Schedule 1: Maps

## Premises map

The boundary of the prescribed premises is shown in the map below (Figure 1).



Figure 1: Map of the boundary of the prescribed premises

## Schedule 2: Premises boundary

The corners of the premises boundary are the coordinates listed in Table 8.

**Table 8: Premises boundary coordinates (GDA2020)**

	<b>Easting</b>	<b>Northing</b>	<b>Zone</b>
1.	581670	6421801	50
2.	581923	6421801	50
3.	581948	6421809	50
4.	581759	6421667	50