



Licence Number	L6247/1991/8
Licence Holder	Water Corporation
ACN	-----
Registered business address	Level 1, 629 Newcastle Street LEEDERVILLE WA 6902
File Number	DER2013/001028-1
Duration	24/10/2013 to 31/10/2028
Revision date	21/01/2020
Date of issue	21/01/2020
Prescribed Premises	Category 54: Sewage facility
Premises	Roebourne Wastewater Treatment Plant 23 October 2013 Legal description - Reserve 34034, Lot 620 Northwest Coastal Highway ROEBOURNE WA 6718 As defined in Schedule 1

This Licence is granted to the Licence Holder, subject to the following conditions, on 21 January 2020, by:

**A/MANAGER WASTE INDUSTRIES
REGULATORY SERVICES**

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

PREAMBLE

Applicability

This licence is issued to the Water Corporation (Licensee) for the Roebourne Wastewater Treatment Plant, located at Reserve 34034, Lot 620 Northwest Coastal Highway (see Attachment 1). At this facility, wastewater is treated to a secondary standard and consists of one primary facultative pond, two secondary maturation ponds, one evaporation/infiltration pond and two emergency overflow ponds. The licence comprises conditions relating to but not necessarily limited to the following activities:

- sewage treatment; and
- disposal of treated wastewater by evaporation/infiltration.

This facility is prescribed within Schedule 1 of the *Environmental Protection Regulations 1987* as outlined in Table 1.

Category number	Category name	Description
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.

Emergency, Accident or Malfunction

The Licensee should inform the Director as soon as practicable of any discharge of waste which has occurred as a result of an emergency, accident, malfunction or extreme weather conditions otherwise than in accordance with any condition of this licence, and has caused or is likely to cause pollution.

Alteration to Premises

Prior to making any significant alterations to the premises which may affect the air, water or noise emissions from the premises, the Licensee must submit a proposal to the Director accompanied by supporting information and plans which allow the environmental impact of that change to be assessed.

Other Legal Requirements

The Licensee should be aware that these conditions do not exempt the premises/licensee from other statutory obligations under the *Environmental Protection Act 1986*, or any other Acts.

This includes the licensee's obligations under the:

- *Environmental Protection Regulations 1987*;
- *Environmental Protection (Noise) Regulations 1997*;
- *Environmental Protection (Controlled Waste) Regulations 2004*;
- *Environmental Protection (Unauthorised Discharges) Regulations 2004*; and
- *Environmental Protection (Clearing of Native Vegetation) Regulations 2004*.

Amendment July 2019

The CEO initiated an amendment to the type and style of the licence during July 2019 and issued a revised licence consolidating changes made under Amendment Notices issued between 2013 to 2019 (as detailed in the instrument log below), where relevant.

In consolidating 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 advised the Licensee 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.

In response to a compliance inspection conducted at the Premises on 21 May 2019, errors were identified within the licence relating to the location of an outflow meter and the current operational use of the ponds. Minor changes to licence conditions have also been included as a part of this amendment to align the licence with current Premises operations.

The obligations of the Licensee have not changed in making this amendment. During the consolidation of this amendment; DWER has not undertaken any additional risk assessment of the Premises.

The licences issued for the Premises since 23 October 2013 are detailed below.

Instrument log table		
Instrument	Issued	Description
L6247/1991/8	23/10/2013	The licence was reissued with minor formatting changes.
L6247/1991/8	12/10/2018	Amendment Notice 1: issued to extend the duration of the licence.
L6247/1991/8	21/01/2020	An administrative amendment initiated by DWER to consolidate /amalgamate amendment notice 1 in the licence, and incorporate minor changes to condition wording to better align the licence to current site operations.

CONDITIONS OF LICENCE

DEFINITIONS

In these conditions of licence:

'AACR' means Annual Audit Compliance Report, copy of the AACR is accessible from the DWER website.

'approved' and **'approval'** means approved by, and approval by the CEO respectively;

'AS/NZS5667 or Australian Standard 5667' means the most recent version and the relevant parts of the Australian and New Zealand series of guidance standards on Water Quality Sampling;

'biosolids' means anaerobically stabilised sludge;

'CEO' means Chief Executive Officer of the Department of Water and Environmental Regulation;

'CEO' for the purpose of correspondence means:

Chief Executive Officer
Department Administering the *Environmental Protection Act 1986*
Locked Bag 10
JOONDALUP DC WA 6027
Telephone: (08) 6367 7000
Facsimile: (08) 6367 7001
Email: info@dwer.wa.gov.au

'DWER' means Department of Water and Environmental Regulation.

'extreme rainfall event' means a one in ten year rainfall event of 72 hours duration;

'inform' means inform by telephone or facsimile;

'licensed or registered' means licensed or registered under the *Environmental Protection Act 1986* unless otherwise specified;

'mg/L' means milligrams per litre;

'mL' means millilitre;

'NATA' means National Association of Testing Authorities;

'Premises' means Reserve 34034, Lot 620 Northwest Coastal Highway, Roebourne WA 6718 as depicted in Attachment 1; and

'sludge' means the settled solids collected from the base of the treatment ponds.

GENERAL CONDITIONS

REPORTING REQUIREMENTS

- 1 The licensee shall provide to the CEO, by **1 September** each year, an Annual Monitoring Report containing data collected between 1 July to 30 June. The report shall contain:
 - (i) monitoring data or other collected data required by any condition of this licence;
 - (ii) an explanation of the monitoring results with respect to the environmental impacts of the project;
 - (iii) a summary of the number and type of complaints received; and
 - (iv) any changes to site boundaries, location of groundwater monitoring bores, surface drainage channels and on-site or off-site impacts or pollution.

- 2 The licensee shall by **1 September** in each year, provide to the CEO an Annual Audit Compliance Report, indicating the extent to which the licensee has complied with the conditions of this licence, during the period beginning 1 July the previous year and ending on 30 June in that year.

COMPLAINTS

- 3(a) The licensee shall keep a written record of all complaints received at the premises. The record must be dated and provide the following information (if known):
 - (i) date and time of complaint;
 - (ii) location about which the complaint was made;
 - (iii) general description of the nature of complaint;
 - (iv) wind direction, wind speed and temperature at the time of the complaint;
 - (v) likely source of the reported problem; and
 - (vi) action taken in response to the complaint.

- 3(b) The licensee shall make available the records contained within the register required by condition 3(a) and any other record referred to in this licence to an authorised person or inspector upon request.

WATER POLLUTION CONTROL CONDITIONS

MAINTENANCE OF WASTEWATER TREATMENT PONDS

- 4 The licensee shall manage the wastewater treatment ponds in a manner such that:
 - (i) stormwater runoff resulting from site drainage shall be prevented from entering the wastewater treatment ponds or causing erosion of the outer pond embankments;
 - (ii) overtopping of the ponds shall not occur, except as a result of an extreme rainfall event;
 - (iii) there is no discernible seepage loss from the treatment ponds; and
 - (iv) vegetation and debris (emergent or otherwise) is prevented from growing or accumulating in the pond wastewaters or on the inner pond embankments.

FLOW MONITORING DEVICE AND SAMPLING POINT

- 5(a) The licensee shall maintain a suitable device for measuring cumulative volumes of treated wastewater discharged from the final maturation pond outflow. The monthly flow results shall be submitted as part of the Annual Monitoring Report in accordance with condition 1.

- 5(b) The licensee shall maintain a sampling point immediately after the final maturation pond outflow so that wastewater samples can easily be taken.

TREATED WASTEWATER MONITORING PROGRAM

- 5(c) The licensee shall, at the frequencies stated in Table 2, collect and have analysed representative wastewater samples from immediately after the final maturation pond outflow, and have them analysed for the parameters listed:

Table 2: Treated Wastewater Monitoring Program		
Monitoring Site	Frequency	Parameters to be Monitored
Immediately after the final maturation pond outflow	3 monthly	pH, Total Suspended Solids, Total Dissolved Solids, Filtered 5-day Biochemical Oxygen Demand, Total Nitrogen, Ammonium Nitrogen, Nitrate + Nitrite Nitrogen, Total Phosphorus and E.coli.

Note: With the exception of pH and E.coli, all measurements are to be reported in milligrams per litre (mg/L).

- 5(d) The wastewater samples referred to in part (c) of this condition shall be collected, handled and preserved in accordance with the relevant parts of the Australian Standard 5667.
- 5(e) The wastewater samples referred to in part (c) of this condition shall be submitted to a laboratory with current NATA accreditation for the analysis specified.
- 5(f) The results of the monitoring undertaken in accordance with part (c) of this condition shall be submitted as part of the annual monitoring report in accordance with condition 1.

SOLID WASTE DISPOSAL CONDITION

DISPOSAL OF BIOSOLID AND OTHER RESIDUALS

- 6(a) The licensee shall dispose of sludge and biosolids in accordance with the document *Western Australian Guidelines for biosolids management*, Department of Environment and Conservation (December 2012) or to a licensed or registered landfill facility.
- 6(b) The licensee shall dispose of collected debris, vegetation, grit or screenings from the treatment plant to a licensed or registered landfill facility.

WASTEWATER POND DESLUDGING

- 7(a) The licensee shall inform the CEO no less than 14 days prior to any desludging of any wastewater treatment pond on the premises and provide the following information:
- (i) the dates that the desludging is intended to occur;
 - (ii) the method by which the wastewater treatment pond is to be desludged; and
 - (iii) the proposed action to mitigate potential impact of odour emissions (e.g. letter drops).
- 7(b) The licensee shall ensure that sludge, vegetation or debris removed from any wastewater treatment pond is immediately removed offsite or stored onsite within a hardstand area or approved drying bed.

- 7(c) The licensee shall ensure that the storage area referred to in part (b) of this condition is bunded to enable the containment and recovery of any liquid matter.
- 7(d) The licensee shall return liquid matter, collected in accordance with part (c) of this condition, back into the wastewater treatment plant.

Attachment 1 – PLAN OF PREMISES

Location of Roebourne Wastewater Treatment Plant, Reserve 34034, Lot 620 North West Coastal Highway, Roebourne WA 6718

