



Licence number	L4202/1991/11
Licence holder	Water Corporation
Registered business address	629 Newcastle Street, Leederville WA 6007
DWER file number	2010/007811-1
Duration	01/11/2022 to 31/10/2025
Date of issue	31/10/2022
Premises details	Point Peron Wastewater Treatment Plant Lot 2152 and Lot 2642 Point Peron Road Point Peron WA 6168 Lot 2152 on Deposited Plan 173916 Lot 2642 on Deposited Plan 184654 As defined by the coordinates in Schedule 2

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)	Assessed design capacity
Category 54: Sewage Facility	20,000 m ³
Category 61: Liquid Waste Facility	14,600 m ³

This licence is granted to the licence holder, subject to the attached conditions, on 31 October 2022, by:

Senior Environmental Officer, Industry Regulation
an officer delegated under section 20 of the *Environmental Protection Act 1986* (WA)

Licence history

Date	Reference number	Summary of changes
28/10/2010	L4202/1991/10	Licence reissued for five years
22/10/2015	L4202/1991/10	Amendment to extend licence duration by one year
29/04/2016	L4202/1991/10	Amend to extend to 31/10/2022
31/10/2022	L4202/1991/11	Licence renewal

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

- 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	Specification	Infrastructure location
Bar screens	Screenings wash returns leachate to start of treatment process. Screens located on hardstand area that is graded to a collection drain which returns sludge leachate to the start of the treatment process.	Preliminary Treatment
Grit Tanks	Above ground concrete tanks. Tanks located on hardstand area that is graded to a collection drain which returns sludge leachate to the start of the treatment process.	
Grit and Screenings Bin	Screenings stored within an enclosed bin which is removed to landfill Grits and screenings bin located on hardstand area that is graded to a collection drain which returns sludge leachate to the start of the treatment process	
Primary sedimentation tanks x 4	Uncovered primary sedimentation tanks constructed of concrete	Primary Treatment
Primary Effluent Chamber	Uncovered effluent chamber constructed of concrete	
Solid treatment liquor tank	Concrete pit with submerged pumps	Solids Treatment
Gravity thickener	Uncovered concrete thickener. Thickened sludge is tankered off-site. Thickener dosed with hypochlorite to help manage odours Hypochlorite contained in a double-banded structure	
Final effluent pump station and wet well	Constructed of concrete and uncovered Discharges treated effluent to SDOOL	Ancillary Equipment

Site infrastructure and equipment	Specification	Infrastructure location
MIEX storage tank	The licence holder must store MIEX wastewater (where the total volume exceeds 250 litres) within low permeability (10-9 metres per second or less) compound(s) designed to contain not less than 110% of the volume of the largest storage vessel or inter-connected system, and at least 25% of the total volume of substances stored in the compound.	

Emissions and discharges

2. The licence holder must discharge treated wastewater from the premises to the environment through the Sepia Depression Ocean Outlet Landline.
3. Subject to Condition 2 of this licence, the licence holder may, during Emergency Situations, discharge treated wastewater from the premises to the environment via onsite soakage.
4. The licence holder must ensure that Total Nitrogen in water discharged through the Sepia Depression Ocean Outlet does not cause or contribute to a load in excess of 1778 tonnes per year (for the period 1 July to 30 June).

Monitoring

5. The licence holder must monitor and record the cumulative monthly volumes of treated wastewater discharged via the Sepia Depression Ocean Outlet Landline.
6. The licence holder must monitor and record the daily volume of MIEX wastewater discharged to the Sepia Depression Ocean Outlet Landline.
7. The licence holder must, every three months, measure and record the colour of the MIEX wastewater that is discharged to the Sepia Depression Ocean Outlet Landline.
8. The licence holder must at least once each year, monitor and record the colour units of all ocean monitoring sites within 100 metres of Sepia Depression Ocean Outfall diffuser (depending on ocean current) samples, while the MIEX wastewater is being discharged.
9. The licence holder must collect all water samples in accordance with Australian Standard 5667.
10. All sample analysis must be undertaken by laboratories with current NATA accreditation for the relevant parameters.
11. The licence holder must use the units in Table 2 for monitoring data parameters as required by any condition of this licence.

Table 2: Monitoring parameters

Parameter	Unit
Monthly volume of treated wastewater discharged to the environment	Cubic metres per day or ML/day (average for the month)
pH	pH units
<i>Escherichia coli</i> (E.coli)	Colony forming units per 100 millilitres
All other parameters	Milligrams per litre (mg/L)

12. The licence holder must collect representative samples of treated wastewater being discharged to the Sepia Depression Ocean Outlet Landline (at the treated wastewater sampling point) for the parameters listed in Table 3 and at the sampling frequency listed in Table 3.

Table 3: Sampling frequencies

Parameter	Frequency
pH	Monthly
Total Suspended Solids (TSS);	Monthly
Biochemical Oxygen Demand (BOD);	Monthly
Total Nitrogen	3 Monthly
Ammonium-nitrogen	3 Monthly
Oxidised nitrogen (nitrate + nitrite-nitrogen);	3 Monthly
Total Phosphorus	3 Monthly
Cd, Cr, Cu, Hg, Ni, Pb, Zn	6 Monthly
<i>E.coli</i>	6 Monthly

Records and reporting

13. The licence holder must determine the monthly and annual average load of each contaminant in the treated wastewaters discharged from the premises (where applicable) using flow weighted data. The loads must be based on the treated wastewater discharge rate and the concentration as measured in accordance with conditions 5, 12 and Table 3 of this licence.
14. 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:
- the name and contact details of the complainant, (if provided);
 - 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.
- 15.** 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 1 October in each year an Annual Audit Compliance Report in the approved form.
- 16.** 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) monitoring programmes undertaken in accordance with conditions of this licence; and
 - (c) complaints received under condition 14 of this licence.
- 17.** The books specified under condition 16 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.
- 18.** The licence holder must provide to the CEO by 1 October 2024 and biennially thereafter, an Annual Environmental Report (AER). The Annual Environmental Report will cover the annual period. The report must contain but not be limited to:
- (a) monitoring data required by any condition of this licence, which must be presented in a tabular and graphical format;
 - (b) monitoring data that exceeds any limits, guidelines and policies set in this licence, including reasons why limits were exceeded (if known) and actions taken by the Licensee to prevent recurrence of such exceedances.
 - (c) a summary of any data exceeding those limits, guidelines or policies including information on why the exceedance occurred (if known) and action taken by the licensee to prevent recurrence of such exceedances.
 - (d) the number and type of complaints received as required by Condition 14 of this licence;
 - (e) volumes of treated wastewater and MIEX wastewater discharged to the Sepia Depression Ocean Outlet Landline;
 - (f) MIEX wastewater colour sampling results;
 - (g) results for ocean sampling (for colour);
 - (h) any changes on and off the premises to site boundaries, location of monitoring/sampling points, discharge points, waste storage areas, surface drainage channels and on-site or off-site impacts or pollution; and
 - (i) a list of any monitoring methods used to collect and analyse data required by any condition of this licence to demonstrate they comply with the methods specified in this licence.

Definitions

In this licence, the terms in Table 4 have the meanings defined.

Table 4: Definitions

Term	Definition
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 October until 30 September of the immediately following year.
APHA-AWWA-WEF	means American Public Health; American Water Works Association; Water Environment Federation;
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: info@dwer.wa.gov.au
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.
Emergency Situations	means situations which are not normal or routine, such as breakdowns, or major failures of equipment
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.
Mg/L	means milligrams per litre;
Monthly period	means a one-month period commencing from day 2 of a month until day 1 of the immediately following month. e.g. "means a one-month period commencing from the seventh day of a month until the sixth day of the immediately following month."

Term	Definition
NATA	means the Australian body of the National Association of Testing Authorities
Premises	refers to the premises to which this licence applies, as specified at the front of this licence and as shown on the premises maps Figure 1 and 2 in Schedule 1 to this licence.

END OF CONDITIONS

Schedule 1: Maps

Premises Boundary

The boundary of the prescribed premises is shown in the map below

Figure 1: Map of the boundary of the prescribed premises

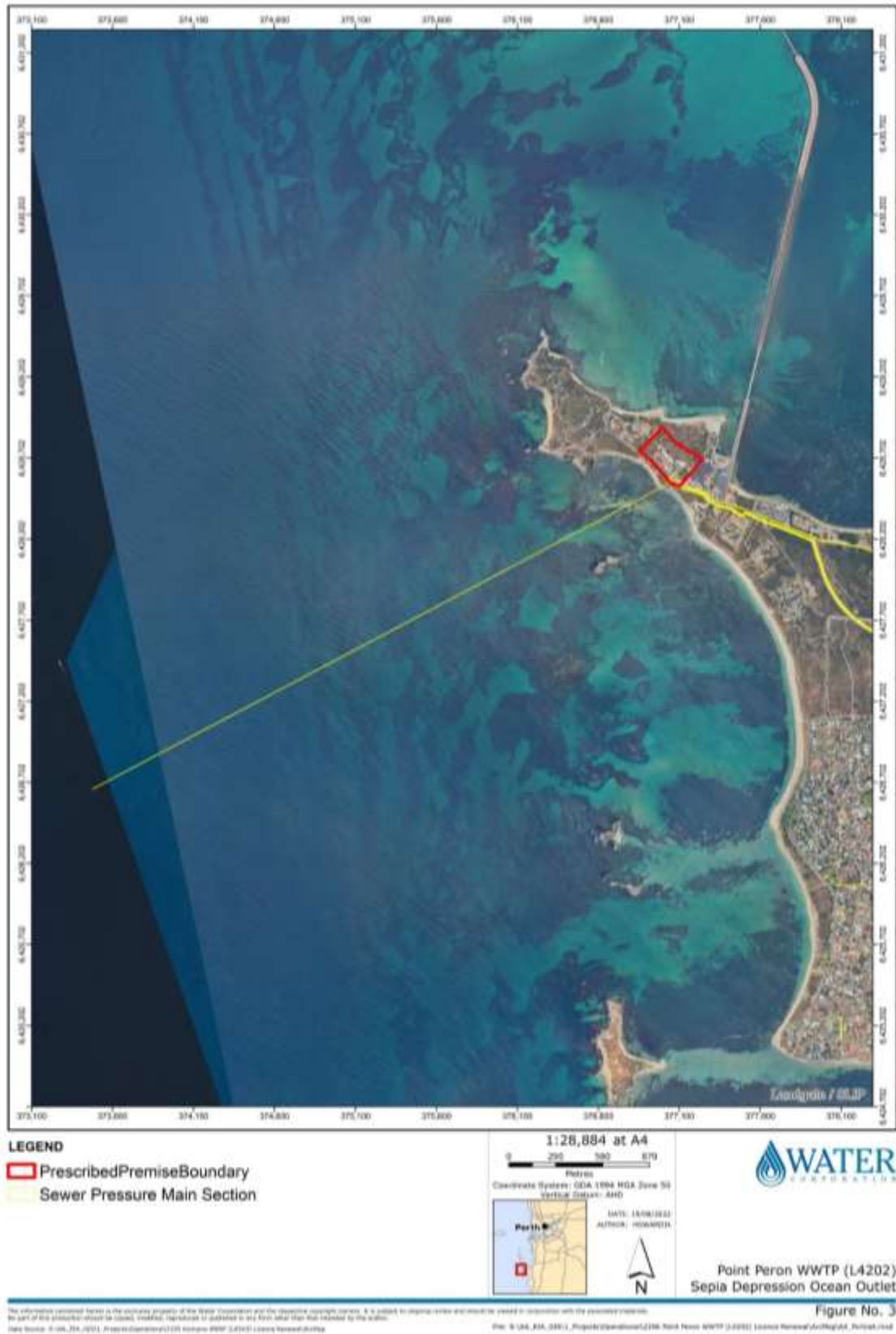


Premises map

Figure 2: Premises map



Figure 3: Sepia Depression Ocean Outlet



Schedule 2: Premises boundary

The premises boundary is defined by the coordinates in Table 5.

Table 5: Premises boundary coordinates (GDA94)

Easting	Northing	Zone
376852	6428743	50
376995	6428889	
377074	6428798	
377242	6428695	
377101	6428527	
377048	6428542	
376917	6428694	