



Licence number	L7440/1998/7
Licence holder	Western Corporation
Registered Office	629 Newcastle Street LEEDERVILLE WA 6007
DWER file number	DEC13161/1
Duration	1/11/2014 to 31/10/2031
Date of issue	1/11/2014
Date of amendment	28/06/2024
Premises details	Bridgetown Water Resource Recovery Facility #2 HESTER BROOK WA 6255 Being Lot 10438 on Plan 153767 as depicted in Schedule 1.

Category number	Category description	Category production or design capacity	Approved premises production or design capacity
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.	100 cubic metres of more per day	520 cubic metres per day
61	Liquid waste facility: premises on which liquid waste produced on other premises (other than sewerage waste) is stored, reprocessed, treated or irrigated.	100 tonnes or more per year	1000 tonnes per annual period

This licence is granted to the licence holder, subject to the attached conditions, on 28 June 2024 by:

**A/MANAGER, WASTE INDUSTRIES
REGULATORY SERVICES**

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

Licence history

Date	Reference number	Summary of changes
29/10/2009	L7440/1998/6	Licence reissue
12/05/2011	L7440/1998/6	Licence amendment to remove reference to some groundwater bores no longer considered necessary
23/10/2014	L7440/1998/7	Licence reissue in old format
22/01/2015	L7440/1998/7	Licence amendment to REFIRE format
6/04/2018	L7440/1998/7	Amendment Notice 1 to capture newly-drilled monitoring bores and alter S1 monitoring point description
23/07/2021	L7440/1998/7	Licence is amended to authorise trial of filtration system and update to new standard format
28/06/2024	L7440/1998/7	Department initiated amendment to remove Total Suspend Solids monitoring for Bores 03/17, C and 05/17

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:

Premises operation

1. Nothing in the Licence must be taken to authorise any emission that is not mentioned in the Licence, where the emission amounts to:
 - (a) pollution;
 - (b) unreasonable emission;
 - (c) discharge of waste in circumstances likely to cause pollution; or
 - (d) being contrary to any written law.
2. The Licence Holder must operate and maintain all pollution control and monitoring equipment to the manufacturer's specification or any relevant and effective internal management system.
3. The Licence Holder may trial the use of a Rotating Dynamic Disc Filter (RDDF) 01 August 2022 or until such time a Licence with inclusion of RDDF installation is granted in accordance with Part V of the EP Act, whichever is sooner.
4. The licence holder must ensure that
 - (a) The RDDF is installed on impervious concrete flooring which is sufficiently graded and/or bunded to contain spills or accidental discharges; and
 - (b) The existing Clarifier structure is to be operational until RDDF infrastructure is fully commissioned.
5. The Licence Holder must immediately recover or remove and dispose of spills of environmentally hazardous materials outside an engineered containment system.
6. The Licence Holder must manage the wastewater treatment vessels on the premises such that:
 - (a) overtopping of the vessels does not occur (except as a result of an extreme rainfall event (greater than a 1 in 10 year event of 72 hours duration);
 - (b) stormwater runoff is prevented from entering the vessels;
 - (c) there is no discernible seepage loss from the vessels; and
 - (d) vegetation and floating debris (emergent or otherwise) is prevented from growing or accumulating in the vessels.

Monitoring

7. 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 and preserved in accordance with AS/NZS 2031; and
 - (e) all laboratory samples are submitted to and tested by a laboratory with current NATA accreditation for the parameters being measured.
8. 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.
9. The Licence Holder must record production or throughput data and any other process parameters relevant to any non-continuous monitoring undertaken.
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.

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.
12. The Licence Holder must undertake the monitoring in Table 3 according to the specifications in that table.

Table 3: Monitoring of emissions to land					
Emission point reference	Monitoring point reference	Parameter	Units	Averaging Period	Frequency
S1	Magflow meter at inlet to the IDEA basin	Volumetric flow rate (cumulative)	L/s or m ³ /day	Monthly	Continuous
S2		pH ¹		Spot sample	Monthly
		Biological Oxygen Demand	mg/L	Spot sample	Monthly
		Total Dissolved solids	mg/L	Spot sample	Monthly
		Total suspended solids	mg/L	Spot sample	Monthly
		Nitrate + Nitrite nitrogen	mg/L	Spot sample	Monthly
		Ammonium nitrogen	mg/L	Spot sample	Monthly
		Total Nitrogen	mg/L	Spot sample	Monthly
		Total Phosphorus	mg/L	Spot sample	Monthly
	Magflow metre to Bridgetown Golf Club	Volumetric flow rate (cumulative)	l/s or m ³ /day	Monthly	Continuous
		Escherchia coli	cfu/100 mL	Spot sample	Monthly (when discarding)

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

13. The Licence Holder must undertake the monitoring in Table 4 according to the specifications in that table.

Table 4: Monitoring of emissions to groundwater				
Monitoring point Reference and Location	Parameter	Units	Averaging Period	Frequency
Bores 03/17, C and 05/17	Standing water level	m(AHD)/mBGL	Spot sample	Quarterly
	pH ¹		Spot sample	Quarterly
	Electric Conductivity ¹	µS/cm	Spot sample	Quarterly
	Total Dissolved solids	mg/L	Spot sample	Quarterly
	Total Nitrogen	mg/L	Spot sample	Quarterly
	Total Phosphorus	mg/L	Spot sample	Quarterly

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

Information records and reporting

14. All information and records required by the Licence must:
 - (a) be legible;
 - (b) If amended, amended in such a way that the original and subsequent amendments remain legible or are capable of retrieval;

- (c) Except for records listed in 14(d) be retained for at least 6 years from the date the records were made or until the expiry of the Licence or any subsequent licence; and
 - (d) For those following records, be retained until the expiry of the Licence and any subsequent licence:
 - (i) Off-site environmental affects; or
 - (ii) Matter which affect the condition of the land or waters.
- 15.** The Licence Holder must ensure that:
- (a) any person left in charge of the Premises is aware of the conditions of the Licence and has access at all times to the Licence or copies thereof; and
 - (b) any person who performs tasks on the Premises is informed of all of the conditions of the Licence that relate to the tasks which that person is performing.
- 16.** 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 an Annual Audit Compliance Report for that period in the approved form by 1 October each year.
- 17.** Licence Holder must implement a complaints management system that as a minimum records the number and details of complaints received concerning the environmental impact of the activities undertaken at the Premises and any action taken in response to the complaint.
- 18.** The Licence Holder must:
- (a) prepare an Environmental Report that provides information in accordance with Table 5 for the preceding two annual periods, and
 - (b) submit that Environmental Report to the CEO by 1 October 2025 and biennially thereafter.

Table 5: Annual Environmental Report

Condition or table (if relevant)	Parameter	Format or form
-	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	None specified
	An assessment of monitoring data against data from previous years monitoring	None specified
	Any changes to site boundaries, location of groundwater monitoring bores, surface drainage channels and on-site or off-site impacts or pollution.	None specified
	A list of any monitoring methods used to collect and analyse data required by any condition of this licence.	None specified
Table 3.	Monitoring of emissions to land	None specified
Table 4	Monitoring of ambient groundwater quality	None specified
16	Compliance	Annual Audit Compliance Report

Condition or table (if relevant)	Parameter	Format or form
17	Complaints summary	None specified

19. The Licence Holder must ensure that the Annual Environmental Report also contains:
- (a) any relevant process, production or operational data recorded under condition 9; and
 - (b) an assessment of the information contained within the report against previous monitoring results and Licence limits and/or targets.
20. The Licence Holder must submit the information in Table 6 to the CEO at the Contact Address according to the specifications in that table.

Table 6: Non-annual reporting requirements				
Condition or table (if relevant)	Parameter	Reporting period	Reporting date (after end of the reporting period)	Format or form
-	Copies of original monitoring reports submitted to the Licence Holder by third parties	Not Applicable	Within 14 days of the CEOs request	As received by the Licence Holder from third parties

21. The Licence Holder must ensure that the parameters listed in Table 7 are notified to the CEO in accordance with the notification requirements of the table.

Table 7: Notification requirements

Condition or table (if relevant)	Parameter	Notification requirement ¹	Format or form ²
-	Any failure or malfunction of any pollution control equipment or any incident, which has caused, is causing or may cause pollution	Part A: As soon as practicable but no later than 5pm of the next usual working day Part B: As soon as practicable	None specified
11	Calibration report	As soon as practicable.	None specified

Note 1: Notification requirements in the Licence shall not negate the requirement to comply with s72 of the Act

Definitions

In this licence, the terms in Table 8 have the meanings defined.

Table 8: Definitions

Term	Definition
ACN	Australian Company Number
Act	means the <i>Environmental Protection Act 1986</i>
AHD	means the Australian height datum
AACR	means an Annual Audit Compliance Report submitted in a format approved by the CEO
Annual period	a 12 month period commencing from 1 July until 30 June of the immediately following year
AS/NZS 2031	means the Australian Standard AS/NZS 2031 Selection of containers and preservation of water samples for microbiological analysis
AS/NZS 5667.1	means the Australian Standard AS/NZS 5667.1 Water Quality - Sampling - Guidance of the Design of sampling programs, sampling techniques and the preservation and handling of samples
AS/NZS 5667.10	means the Australian Standard AS/NZS 5667.10 Water Quality - Sampling - Guidance on sampling of waste waters
AS/NZS 5667.11	means the Australian Standard AS/NZS 5667.11 Water Quality - Sampling - Guidance on sampling of groundwaters
Biennially	Every two years
books	has the same meaning given to that term under the EP Act.
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
code of practice for the storage and handling of dangerous goods	means document titled "Storage and handling of dangerous goods: Code of Practice" published by the Department of Mines and Petroleum, as amended from time to time
controlled waste	has the definition in Environmental Protection (Controlled Waste) Regulations 2004
dangerous goods	meaning defined in the Dangerous Goods Safety (Storage and Handling of Non explosives) Regulations 2007
Department	means the department established under section 35 of the <i>Public Sector Management Act 1994 (WA)</i> and designated as responsible for the

Term	Definition
	administration of the EP Act, which includes Part V Division 3.
discharge	has the same meaning given to that term under the EP Act
emission	has the same meaning given to that term under the EP Act
EP Act	<i>Environmental Protection Act 1986 (WA)</i>
environmentally hazardous material	means material (either solid or liquid raw materials, materials in the process of manufacture, manufactured products, products used in the manufacturing process, by-products and waste) which if discharged into the environment from or within the premises may cause pollution or environmental harm. Note: Environmentally hazardous materials include dangerous goods where they are stored in quantities below placard quantities. The storage of dangerous goods above placard quantities is regulated by the Department of Mines and Petroleum;
EP Regulations	<i>Environmental Protection Regulations 1987 (WA)</i>
freeboard	means the distance between the maximum water surface elevations and the top of retaining banks or structures at their lowest point
fugitive emissions	means all emissions not arising from point sources
leachate	means liquid released by or water that has percolated through waste and which contains some of its constituents
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
NATA	means the National Association of Testing Authorities, Australia
NATA accredited	means in relation to the analysis of a sample that the laboratory is NATA accredited for the specified analysis at the time of the analysis
NTU	means Nephelometric Turbidity Units
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 (Figure 1) in Schedule 1 to this licence
prescribed premises	has the same meaning given to that term under the EP Act
process equipment	means any wastewater or sludge containment infrastructure or wastewater treatment vessel
quarterly	means the 4 inclusive periods from 1 July to 30 September, 1 October to 31 December and in the following year, 1 January to 31 March and 1 April to 30 June
Schedule 1	means Schedule 1 of this Licence unless otherwise stated
spot sample	means a discrete sample representative at the time and place at which the

Term	Definition
	sample is taken
waste	has the same meaning given to that term under the EP Act
Waste Code	means the Waste Code assigned to a type of controlled waste for purposes of waste tracking and reporting as specified in the Department of Environment Regulation "Controlled Waste Category List" (July 2014), as amended from time to time
wastewater treatment vessels	means any vessel or tank containment infrastructure associated with the treatment of wastewater
µS/cm	means micro siemens per centimetre

END OF CONDITIONS

Schedule 1: Maps

Premises map

Figure 1 - Map of the boundary of the prescribed premise.



Figure 2 - The red line depicts the location of Rotating Dynamic Disc Filter.

