



Licence number	L7738/2000/9	
Licence holder	Water Corporation	
ACN	634 169 841	
Registered business address	John Tonkin Water Centre 629 Newcastle Street LEEDERVILLE WA 6007	
DWER file number	DEC1113/1	
Duration	01/11/2013 to	31/10/2034
Date of issue	24/10/2014	
Date of amendment	01/08/2023	
Premises details	Margaret River Water Resource Recovery Facility Corner Long and Tare Roads BRAMLEY 6285 Legal description - Being Forest Lease 2112/97, and Part of State Forest No. 56 As defined by the premises map in Schedule 1	

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)	Assessed design capacity
Category 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.	1,800 m ³ per day
Category 61: Liquid waste facility: premises on which liquid waste produced on other premises (other than sewerage waste) is stored, reprocessed, treated or irrigated.	1000 tonnes per annual period

This licence is granted to the licence holder, subject to the attached conditions, on 1 August 2023, by:

Grace Campbell

A/Senior Environmental Officer - Industry Regulation

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

[L7738/2000/9 \(Amended 01/08/2023\)](#)

Licence history

Date	Reference number	Summary of changes
01/11/2013	L7738/2000/9	Licence granted.
29/04/2016	L7738/2000/9	Amendment Notice to extend expiry date to 31 October 2034.
10/11/2016	L7738/2000/9	Amendment Notice 1 to remove the requirement to maintain a metering device to monitor the volume of wastewater discharged to the storage dam.
15/05/2019	L7738/2000/9	Amendment Notice 2 to amend Premises Boundary and minor amendments to Condition 5.
2/10/2020	L7738/2000/9	Amendment for interim increase in wastewater acceptance (L6640/1994/11) prior to detailed application for licence review.
31/07/2023	L7738/2000/9	Licence amendment to amend the reporting date for the Annual Audit Compliance Report (AACR) and the Environmental Report to 1 October annually. Premises name updated.

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:

Waste acceptance

1. 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 1.

Table 1: Types of waste authorised to be accepted onto the premises

Waste type	Rate at which waste is received	Acceptance specification
Sewage waste	1,800 m ³ per day	Accepted through sewer inflows and/or tankered onto premises and discharged so as to undergo full treatment
Septage waste produced on other premises	1,000 tonnes per annual period	Tankered onto premises

Waste processing

2. The licence holder must ensure that the waste types specified in Table 2 are only subjected to the corresponding processes, limits and/or specifications.

Table 2: Waste type processing, limits and specifications

Waste type	Process(es)	Process limits and/or specifications
Sewage waste	The WRRF processes include, but is not necessarily limited to, the following operations: <ul style="list-style-type: none"> • An oxidation ditch which treats water to an advanced secondary standard; • Alum dosing to remove phosphorus; • Mechanical dewatering (belt press) of sludge; and • Storage of treated wastewater and re-use irrigation on plantations 	The licence holder shall ensure that the WRRF is capable of achieving the following discharge contaminant concentrations: <ol style="list-style-type: none"> a) Biochemical Oxygen Demand less than 20 mg/L; b) Total Suspended Solids less than 30 mg/L c) Total Nitrogen less than 10 mg/L; and d) Total Phosphorus less than 1 mg/L.
Septage waste produced on other premises		

Infrastructure and equipment

3. The licence holder must:
 - (a) prevent stormwater runoff from entering the wastewater treatment stream, potentially overloading the hydraulic capacity of the plant;
 - (b) prevent the uncontrolled loss of wastewater from the wastewater treatment system, through seepage, overtopping or by any other method;

- (c) remove and prevent floating debris and vegetation (emergent or otherwise) from within the wastewater treatment system wastewaters and/or within the storage dam;
- (d) re-use treated wastewater from the storage dam at the on-site woodlot and other approved Shire uses.

Emissions and discharges

Wastewater discharges

- 4. The licence holder must dispose of all treated wastewaters by irrigation such that:
 - (a) Wastewater is evenly distributed over the irrigation area;
 - (b) Soil erosion or ponding of wastewaters does not occur;
 - (c) A healthy vegetation cover is maintained over the irrigation areas;
 - (d) There is no direct runoff, spray drift or discharge of wastewater beyond the boundaries of the licenced premises with the exception of the re-use of treated wastewater authorised under condition 3; and
 - (e) Irrigation shall not occur within 50 metres of any defined watercourse or drain.
- 5. The licence holder must maintain the on-site irrigation area to ensure that the nutrient loading rate does not exceed the following:
 - (a) Nitrogen – less than 90 kilograms per hectare per year; and
 - (b) Phosphorus – less than 15 kilograms per hectare per year.

Sludge management and disposal

- 6. The licence holder must dispose of collected grit and screenings from the inlet works to a licensed landfill.
- 7. The licence holder must:
 - (a) Inform the CEO prior to taking a treatment cell offline for maintenance works;
 - (b) Direct leachate to the wastewater treatment system;
 - (c) Direct sewage sludge temporarily stored on-site to a hard-stand area or approved drying bed which:
 - (i) Is adequately bunded to prevent surface runoff of leachate or sludge from crossing the boundary of the premises;
 - (ii) Returns leachate from the storage area back to the wastewater treatment system.
- 8. The licence holder must dispose of sludge and biosolids in accordance with the document *Western Australian Guidelines Biosolids Management*, Department of Environment and Conservation (December, 2012).

Monitoring

- 9. The licence holder must maintain monitoring bores designated GW1, GW3, GW4 and GW5, at the locations depicted in Figure 2, Schedule 1, to allow representative water samples to be collected.
- 10. The licence holder must maintain metering devices for measuring monthly cumulative volumes of wastewater treated by the wastewater treatment plant, discharged to the woodlot irrigation area and to the Margaret River Town site for reuse.

11. The licence holder must maintain suitable devices to measure monthly cumulative flow through the embankment and the upper part of the dam foundation (in m³/day).
12. The licence holder must take and have analysed, representative water samples from Table 3 at the corresponding monitoring sites, at the frequency shown in Table 3.

Table 3: Water monitoring parameters

Monitoring sites	Frequency	Parameters ¹
Treatment plant to Storage Dam	Monthly	pH, Total Dissolved Solids, Total Suspended Solids, 5-Day Biochemical Oxygen Demand, Total Nitrogen, Ammonium-Nitrogen, Nitrate + Nitrite-Nitrogen, Total Phosphorus and <i>Escherichia coli</i>
Downstream of the Storage Dam – Sites SW2, SW3, SW4, SW5, and SW6	Monthly	Total Nitrogen, Total Phosphorus and <i>Escherichia coli</i>
Groundwater Bores GW1, GW3, GW4 and GW5	Quarterly (nominally October, January, April and July)	pH, Total Dissolved Solids, Total Nitrogen, Ammonium-nitrogen, Nitrate + Nitrite-nitrogen and Total Phosphorus.

Note 1: With the exception of pH and *Escherichia coli*, all measurements are to be reported in mg/L

13. The licence holder must measure the Standing Water Level in metres AHD (Australian Height Datum) in monitoring bores GW1, GW3, GW4 and GW5 quarterly.
14. The licence holder must collect all water samples in accordance with the relevant parts of Australian Standard 5667.
15. The licence holder must submit all water samples to a laboratory with current NATA accreditation for the analyses specified, and analysed in accordance with the current “Standard Methods for Examination of Water and Wastewater-APHA-AWWA-WEF”.
16. The licence holder must determine the monthly load of each contaminant in the effluent discharged from the treatment plant (except pH and *Escherichia coli*) using flow-weighted data. The loads shall be based on the water discharge rate and the concentration as measured in accordance with condition 10 and 12.

Records and reporting

17. 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.

- 18.** 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 in the approved form by 1 October each year.
- 19.** The licence holder must:
- (a) prepare an environmental report that provides information in accordance with Table 4 for the preceding annual period, and
 - (b) submit the environmental report to the CEO by 1 October each year.

Table 4: Environmental reporting requirements

Condition	Requirement
Condition 10	Summary of results for the monthly cumulative volumes of wastewater treated by the wastewater treatment plant, discharged to the woodlot irrigation area and to the Margaret River Town site for reuse in (in m ³ /day)
Condition 11	Summary of results of the monthly cumulative flow through the embankment and the upper part of the dam foundation (in m ³ /day)
Condition 12	Summary of results for the monthly monitoring of water quality taken from the 'Treatment plant to storage dam' location Summary of results for the monthly monitoring of water quality taken from sites SW2, SW3, SW4, SW5, and SW6 Summary of results for the quarterly groundwater quality monitoring taken from bores GW1, GW3, GW4 and GW5
Condition 13	Summary of the Standing Water Level data obtained quarterly for groundwater monitoring bores GW1, GW3, GW4 and GW5
Condition 16	Summary of the monthly and annual average contaminant loads calculated within effluent discharged from the treatment plant, reported in kg/day.

- 21.** 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 3 of this licence;
 - (c) monitoring programmes undertaken in accordance with conditions 9 to 16 of this licence; and
 - (d) complaints received under condition 17 of this licence.
- 22.** The books specified under condition 20 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.

Definitions

In this licence, the terms in Table 5 have the meanings defined.

Table 5: 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).
AS/NZS 5667	Means the current version of Australian Standard / New Zealand Standard 5667 – Water quality - Sampling
annual period	a 12 month period commencing 01 July in each year and ending 30 June of the immediately following year.
approved form	means the Annual Audit Compliance Report (AACR) form template approved by the CEO for use and available via DWER's external website.
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
condition	a condition to which the licence is subject under section 62 of the <i>Environmental Protection Act 1986</i>
Department	means the department established under section 35 of the <i>Public Sector Management Act 1994</i> (WA) and designated as responsible for the 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</i> (WA)
EP Regulations	<i>Environmental Protection Regulations 1987</i> (WA)
Inform or advise	Means inform or advise by telephone, e-mail or facsimile.

Term	Definition
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.
m ³ /day	means cubic metres per day
mg/L	means milligrams per litre
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.
septage waste	means the liquid and solid components of sewage waste from the pump out of septic tanks and sewage wastes not associated with a reticulated sewage system
sewage waste	means waste containing faecal matter or urine associated with a reticulated sewage system
waste	has the same meaning given to that term under the EP Act.
Woodlots	means planted non-endemic tree plantations grown to produce commercial timber

END OF CONDITIONS

Schedule 1: Maps

Premises map

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

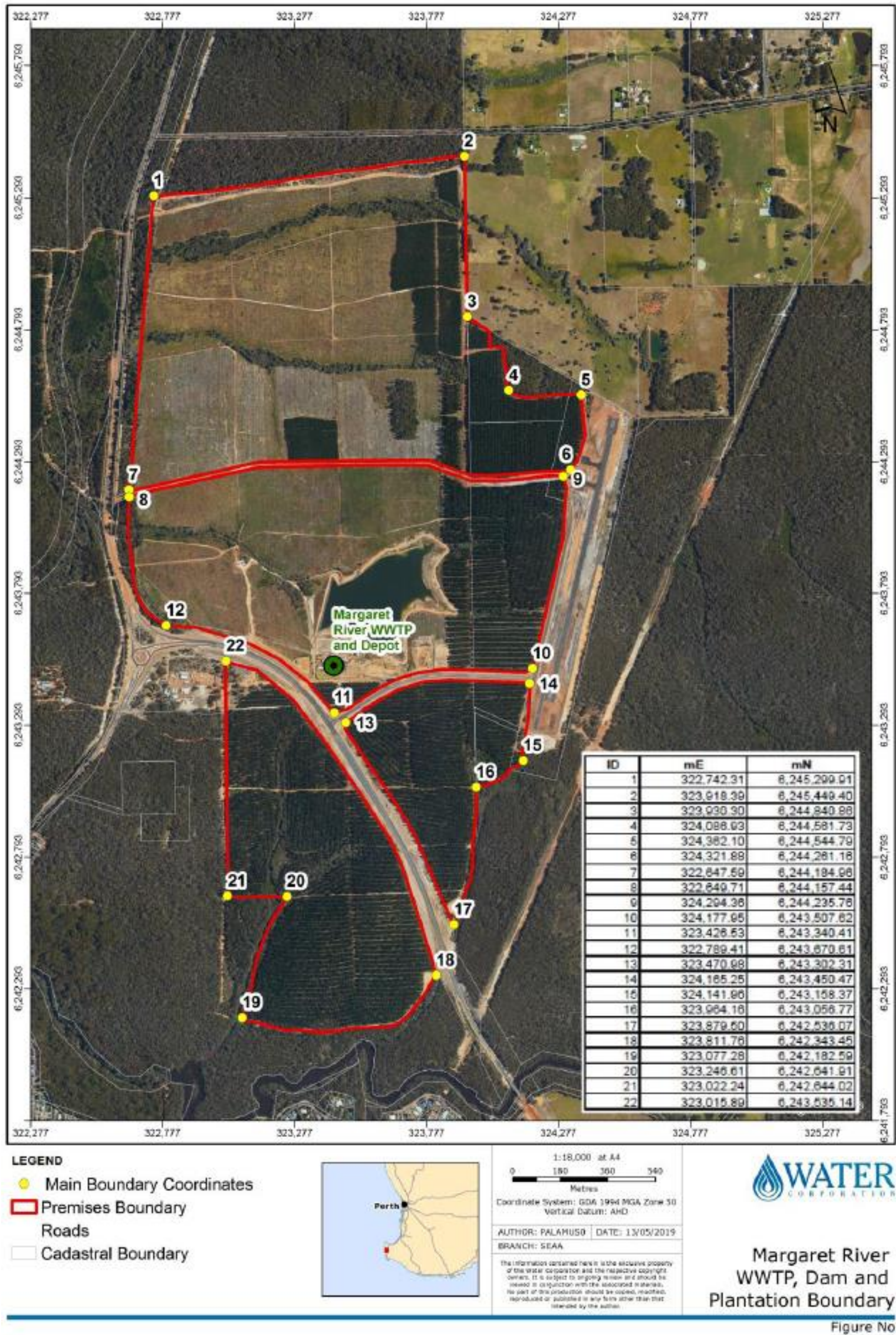


Figure 1: Map of the boundary of the prescribed premises

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