



# Works Approval

**Works approval number** W6736/2022/1

**Works approval holder** Lennard Waste Pty Ltd  
**ACN** 151 475 286  
**Registered business address**  
**DWER file number** DER2022/000477

**Duration** 19/03/2023 to 18/03/2028

**Date of issue** 19/03/2023

**Premises details** Jenour Liquid Waste Facility  
205 Lennard Road  
BUREKUP WA 6227  
Being part of Lot 89 on Plan 2842

As defined by the coordinates in Schedule 2

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i> )	Assessed production / design capacity
Category 61: Liquid waste facility: premises on which liquid waste produced on other premises (other than sewage waste) is stored, reprocessed, treated or irrigated.	15,000 kilolitres per annual period.

This works approval is granted to the works approval holder, subject to the attached conditions, on 19 March 2023 by:

**Steve Checker**

**MANAGER WASTE INDUSTRIES**

**REGULATORY SERVICES**

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

## Works approval history

Date	Reference number	Summary of changes
19/03/2023	W6736/2022/1	Works approval granted.

## Interpretation

In this works approval:

- (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 works approval:
  - (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 works approval requires specific conditions to be met but does not provide any implied authorisation for other emissions, discharges, or activities not specified in this works approval.

# Works approval conditions

The works approval holder must ensure that the following conditions are complied with:

## Construction phase

### Infrastructure and equipment

1. The works approval holder must:
  - (a) construct and/or install the infrastructure and/or equipment;
  - (b) in accordance with the corresponding design and construction / installation requirements; and
  - (c) at the corresponding infrastructure location, as set out in Table 1.

**Table 1: Design and construction / installation requirements**

	Infrastructure	Design and construction / installation requirements	Infrastructure location
1.	WRRF	The WRRF system must be designed and constructed to meet the following specifications: <ol style="list-style-type: none"><li>(a) be able to receive and treat a wastewater sewage inflow of up to 15,000 kL/year;</li><li>(b) Able to treat wastewater to the following output emission standards:<ol style="list-style-type: none"><li>(i) Biochemical oxygen demand <math>\leq 290</math> mg/L;</li><li>(ii) Total suspended solids <math>\leq 290</math> mg/L;</li><li>(iii) Total nitrogen <math>\leq 14</math> mg/L; and</li><li>(iv) Total phosphorus <math>\leq 4</math> mg/L.</li></ol></li><li>(c) All WRRF conveyance, storage and treatment infrastructure must be designed and constructed to ensure that stormwater runoff does not enter the WRRF treatment and storage system; and</li><li>(d) Direct all treated wastewater to dedicated 1.6 ha tree plantation.</li></ol>	As shown in Schedule 1 Premises layout
2.	Screening and grit	Comprise: <ul style="list-style-type: none"><li>▪ Discharge hopper; and</li><li>▪ 0.25-10mm screen compactor</li></ul>	As shown in Schedule 1 Premises layout
3.	Equilisation Tanks	Comprise: <ul style="list-style-type: none"><li>▪ Two 44 kL tanks;</li><li>▪ Mixer, macerator and inline grinder within each tank; and</li><li>▪ 6.6kL/hr pumps to pump wastewater to the Primary tank</li></ul>	As shown in Schedule 1 Premises layout
4.	Primary Tank	Comprise: <ul style="list-style-type: none"><li>▪ 7.5 m<sup>2</sup> Dissolved Air Flotation unit;</li></ul>	As shown in Schedule 1 Premises layout

	Infrastructure	Design and construction / installation requirements	Infrastructure location
		<ul style="list-style-type: none"> <li>Flow rate of 2 kL/hr; and</li> <li>Allow for polymer and coagulant dosing of 0.1 to 15 L/hr.</li> </ul>	
5.	Secondary Tanks	<p>Comprise:</p> <ul style="list-style-type: none"> <li>15 kL anoxic tank with a top end mixer;</li> </ul> <p>Comprise:</p> <ul style="list-style-type: none"> <li>15 kL aerobic tank;</li> <li>A blower with capacity of 2593 m<sup>3</sup> air/day in the aerobic tank;</li> <li>A 5 Nm<sup>3</sup>/hr air diffuser in the aerobic tank; and centrifugal pump with a capacity up to 10 m<sup>3</sup>/hr.</li> </ul>	As shown in Schedule 1 Premises layout
6.	Anaerobic Tank	<p>Comprise:</p> <ul style="list-style-type: none"> <li>A 39 kL tank;</li> <li>Two 10 m<sup>3</sup>/hr Blowers.</li> </ul>	As shown in Schedule 1 Premises layout
7.	Clarification Tank	<p>Comprise:</p> <ul style="list-style-type: none"> <li>A 3.4kL tank;</li> <li>Flow rate of 2 kL/hr;</li> <li>Centrifugal pump recirculation with a capacity of 6.6 kL/hr; and</li> <li>Allow for polymer and coagulant dosing of 0.1 to 15 L/hr.</li> </ul>	As shown in Schedule 1 Premises layout
8.	Sand filter and chemical dosing	<p>Comprise:</p> <ul style="list-style-type: none"> <li>A capacity of 6-10kL/hr;</li> <li>Incorporate ferric chloride dosing of 0.1 to 15 L/hr; and</li> <li>1,000 l back flush tank.</li> </ul>	As shown in Schedule 1 Premises layout
9.	Activated carbon filter	Comprising a capacity of 6-10kL/hr	As shown in Schedule 1 Premises layout
10	Sludge Drying Bed	<p>Comprise:</p> <ul style="list-style-type: none"> <li>A pond area of minimum size 220m<sup>2</sup>;</li> <li>Contain six (6) beds;</li> <li>Hydraulic loading up to 3kL/day;</li> <li>Loading rate of 50-100 kgSS/m<sup>2</sup>/yr; and</li> <li>Captured drained liquid is returned to the Equalisation tanks to be re-processed via the primary and secondary treatment.</li> </ul>	As shown in Schedule 1 Premises layout

## Compliance reporting

2. The works approval holder must within 30 calendar days of the completion of construction and/or installation of the infrastructure or equipment required by condition 1:
  - (a) undertake an audit of their compliance with the requirements of condition 1; and
  - (b) prepare and submit to the CEO an Environmental Compliance Report on that compliance.
3. The Environmental Compliance Report required by condition 2, must include as a minimum the following:
  - (a) certification by a qualified civil or wastewater engineer that the items of infrastructure or component(s) thereof, as specified in condition 1, have been constructed in accordance with the relevant requirements specified in condition 1;
  - (b) as constructed plans and a detailed site plan for each item of infrastructure or component of infrastructure specified in condition 1; and
  - (c) be signed by a person authorised to represent the works approval holder and contains the printed name and position of that person.

## Records and reporting (general)

4. The works approval holder must record the following information in relation to complaints received by the works approval 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 works approval holder to investigate or respond to any complaint.
5. The works approval holder must maintain accurate and auditable books including the following records, information, reports, and data required by this works approval:
  - (a) the works conducted in accordance with condition 1;
  - (b) any maintenance of infrastructure that is performed in the course of complying with condition 1; and
  - (c) complaints received under condition 4.
6. The books specified under condition 5 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 works approval holder for the duration of the works approval; and
- (d) be available to be produced to an inspector or the CEO as required.

## Definitions

In this works approval, the terms in Table 2 have the meanings defined.

**Table 2: Definitions**

Term	Definition
books	has the same meaning given to that term under the EP Act.
CEO	means Chief Executive Officer. CEO for the purposes of notification means: Director General Department administering the <i>Environmental Protection Act 1986</i> Locked Bag 10 Joondalup DC WA 6919 <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</i> and designated as responsible for the administration of Part V Division 3 of the EP Act.
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.
Environmental Compliance Report	means a report to satisfy the CEO that the conditioned infrastructure and/or equipment has been constructed and/or installed in accordance with the works approval.
EP Act	<i>Environmental Protection Act 1986</i> (WA).
EP Regulations	<i>Environmental Protection Regulations 1987</i> (WA).
premises	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 and Premises boundary in Table 2 Schedule 2 to this works approval.
prescribed premises	has the same meaning given to that term under the EP Act.
waste	has the same meaning given to that term under the EP Act.
WRRF	Water Resource Recovery Facility
works approval	refers to this document, which evidences the grant of the works approval by the CEO under section 54 of the EP Act, subject to the conditions.
works approval holder	refers to the occupier of the premises being the person to whom this works approval has been granted, as specified at the front of this works approval.

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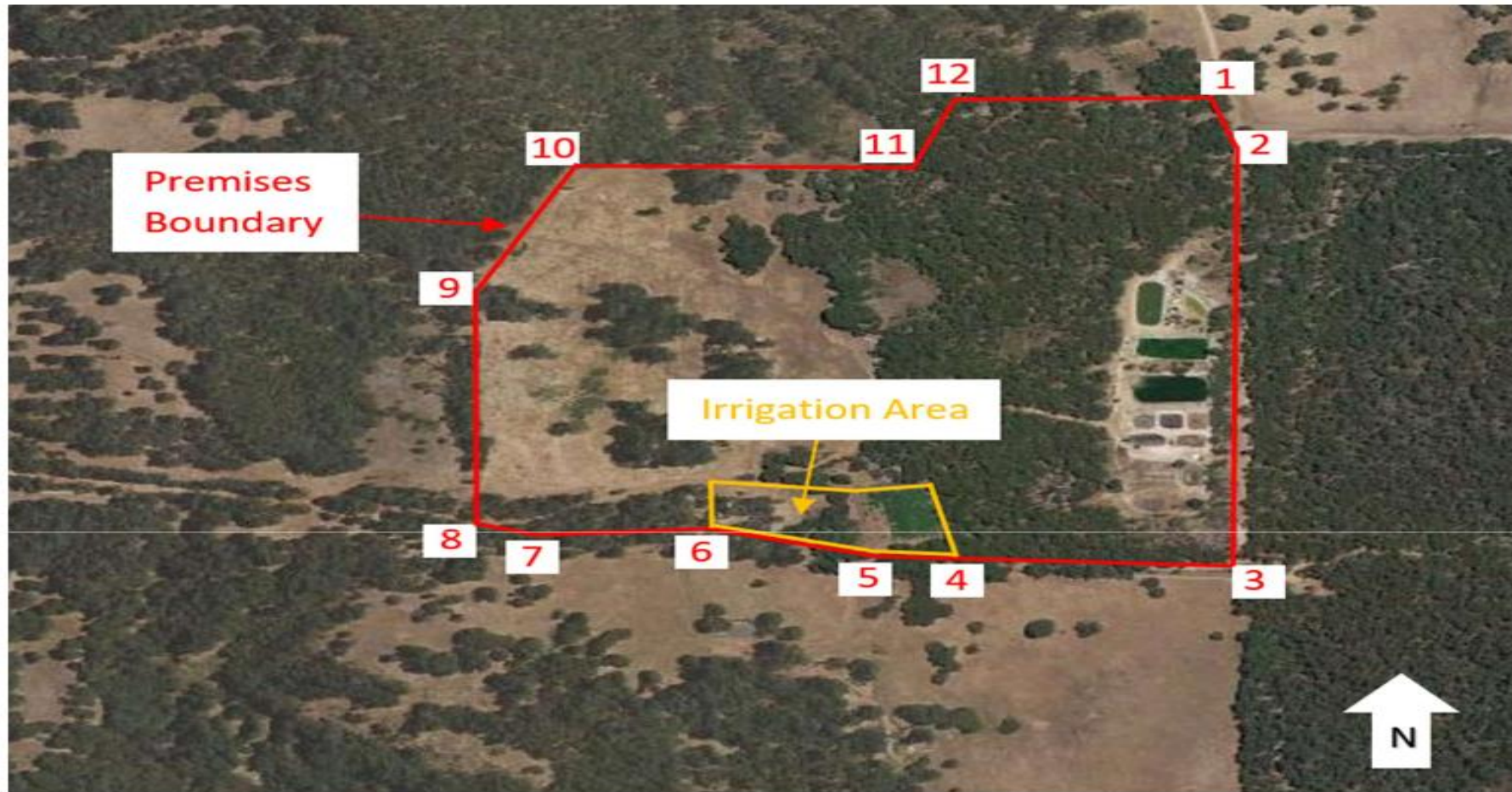
**END OF CONDITIONS**



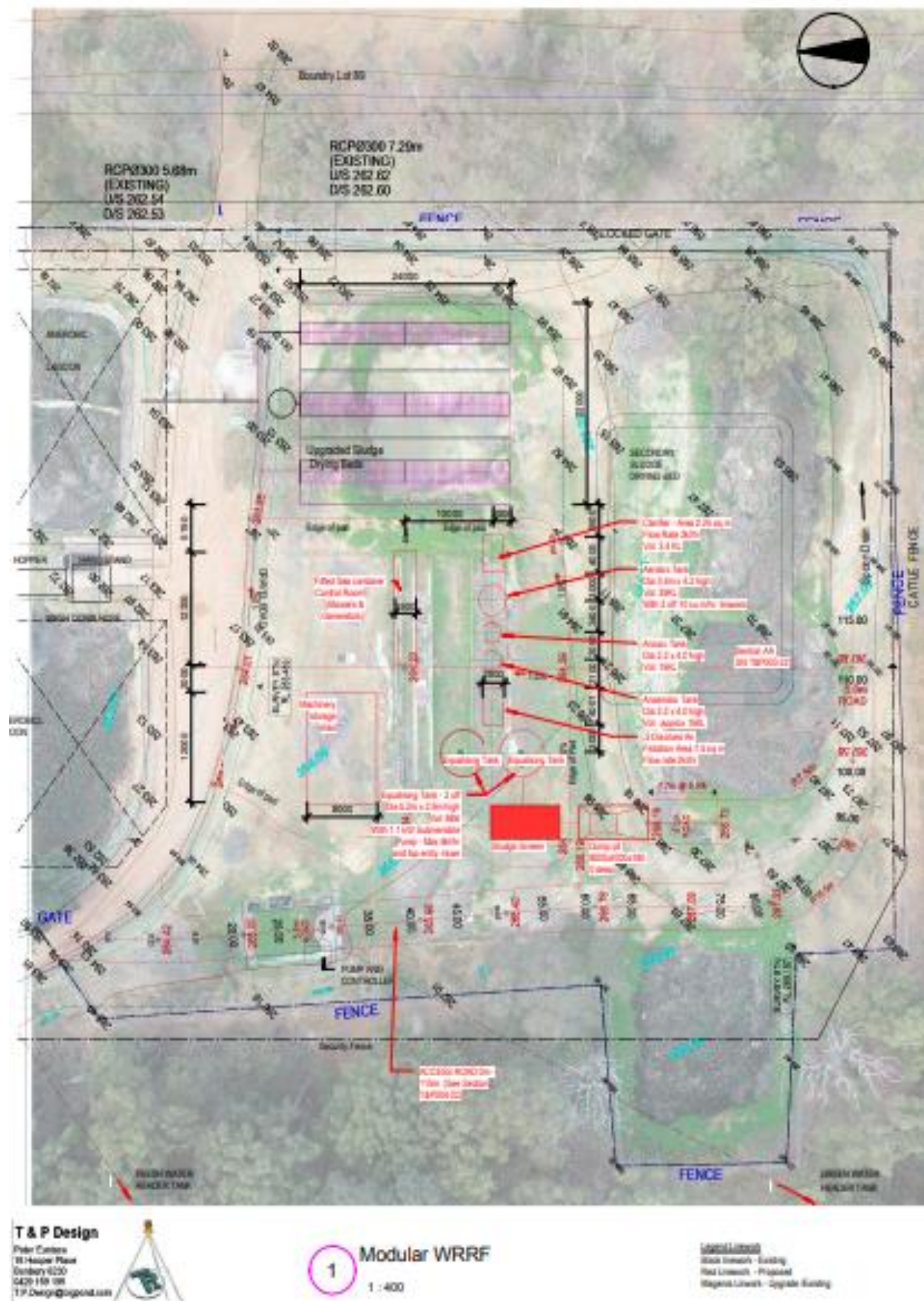
## Schedule 1: Maps

### Premises map

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



## Schedule 1: Premises layout





## Schedule 2: Premises boundary

The corners of the premises boundary are the coordinates listed in Table 3.

**Table 3: Premises boundary coordinates (GDA2020)**

Point	Easting	Northing
1	394645.48	6309932.83
2	394642.27	6309879.08
3	394670.20	6309344.39
4	394427.54	6309352.36
5	394353.81	6309351.95
6	394217.61	6309373.69
7	394185.04	6309378.51
8	394027.33	6309380.90
9	394018.60	6309710.34
10	394094.73	6309845.87
11	394389.62	6309855.70
12	394433.14	6309910.36