



<b>Licence number</b>	L8359/2009/2
<b>Licence holder</b>	Shire of Coolgardie
<b>ACN</b>	883 388 617
<b>Registered business address</b>	Council Chambers Irish Mulga Drive KAMBALDA WA 6429
<b>DWER file number</b>	2012/006539-1
<b>Duration</b>	19/06/2014 to 18/06/2033
<b>Date of issue</b>	29/05/2014
<b>Date of amendment</b>	21/08/2024
<b>Premises details</b>	Coolgardie Wastewater Treatment Plant  Lot 2144 on Plan 184160 Crown Reserve 37045, Lot 2140 on Plan 91726 Crown Reserve 37045, Lot 53 on Plan 91726 Crown Reserve 37045, Lot 31 on Plan 91280 Crown 37045, and Lot 2123 on Plan 91095 Crown Reserve 34285, Bayley Street COOLGARDIE WA 6429  As depicted in Schedule 1

<b>Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)</b>	<b>Assessed production / design capacity</b>
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.	1,000 cubic metres 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.	

This licence is granted to the licence holder, subject to the attached conditions, on 21 August 2024, by:

**GRACE HEYDON - A/MANAGER WASTE INDUSTRIES, REGULATORY SERVICES**  
an officer delegated under section 20 of the *Environmental Protection Act 1986* (WA)

L8359/2009/2 (Date of Licence Issue on 29 May 2014)  
IR-T06 Licence template (v10.0) (May 2024)

## Licence history

Date	Reference number	Summary of changes
19/06/2009	L8359/2009/1	New licence issued
29/05/2014	L8359/2009/2	Licence re-issue
29/04/2016	L8359/2009/2	DWER initiated Licence amendment to extend expiry date until 18 June 2033.
17/06/2024	L8359/2009/2	Licence amendment to add category 61 activities. Licence format updated and redundant conditions removed.
21/08/2024	L8359/2009/2	DWER initiated amendment to correct formatting errors.

## 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 that does not exceed the corresponding rate at which waste is received, and that meets the corresponding acceptance specification set out in Table 1.

**Table 1 : Waste acceptance**

Waste type	Rate at which waste is received	Acceptance specification
Sewage (K130)	1000 cubic metres per day	Waste accepted through sewer inflow(s)
Septage Wastes (K210)		Received at the premises via road transport and discharged directly into the facultative ponds.

2. The licence holder must manage all wastewater treatment ponds such that:
  - (a) overtopping of the ponds does not occur;
  - (b) a freeboard equal to, or greater than, 300mm is maintained;
  - (c) the integrity of the containment infrastructure is maintained; and
  - (d) vegetation and floating debris (emergent or otherwise) is prevented from encroaching onto pond surfaces or inner pond embankments.
3. The licence holder must manage the irrigation of treated wastewater such that:
  - (a) no irrigation generated run-off, spray drift or discharge occurs beyond the boundary of the defined irrigation area(s) as outlined in Figure 2 of Schedule 1;
  - (b) treated wastewater is evenly distributed over the irrigation area;
  - (c) irrigation does not occur on land that is waterlogged; and
  - (d) vegetation cover is maintained over the irrigation area.
4. The licence holder must direct sewage sludge to approved drying beds which:
  - (a) are adequately bunded to prevent surface runoff of leachate or sludge from crossing the boundary of the premises;
  - (b) where possible, the sludge leachate shall be returned back into the wastewater ponds; and
  - (c) The licence holder must ensure that all sludge solids and other residuals are disposed of in accordance with the “Western Australia guidelines for biosolids management”, December 2012.

## Emissions and discharges

### Emissions to land

5. The licence holder must ensure that where waste is emitted to land from the emission points in listed in Table 2 (identified in Figure 1 of Schedule 1), is done so in accordance with the conditions of the licence.

**Table 2 : Emissions to land**

Emission point reference	Description	Source including abatement
L1	Discharge from wastewater treatment plant to irrigation for the local sports oval and Coolgardie Park	Treated wastewater pipeline from wastewater treatment plant.

### Odour

6. The licence holder must ensure that odour emitted from the Premises does not unreasonably interfere with the health, welfare, convenience, comfort or amenity of any person who is not on the Premises.

### Monitoring

7. The licence holder must ensure that:
- all water samples are collected and preserved in accordance with AS/NZS 5667.1;
  - all wastewater sampling is conducted in accordance with AS/NZS 5667.10;
  - all microbiological samples are collected and preserved in accordance with AS/NZS 2031; and
  - all laboratory samples are submitted to and tested by a laboratory with current NATA accreditation for the parameters being measured unless indicated otherwise in the relevant table.
8. The licence holder must ensure that monthly monitoring is undertaken at least 15 days apart.

### Monitoring of emissions to land

9. 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	Parameter	Units	Frequency
L1 Prior to discharge to irrigation area/Treatment plant outlet pipe	Freeboard	metres below crest level	Monthly
	Volumetric flow	L/s m <sup>3</sup> /day	Continuous
	pH	pH units	Monthly
	Total Dissolved Solids (TDS)	mg/L	
	Total Suspended Solids		
	Total Nitrogen		
	Total Phosphorus		

	Ammonia Nitrogen		
	Escherichia coli	Cfu/100mL	

## Records and reporting

- 10.** The licence holder must maintain accurate and auditable books including the following records, information, reports, and data required by this licence:
- the calculation of fees payable in respect of this licence;
  - monitoring programmes undertaken in accordance with conditions 9 of this licence; and
  - complaints received under condition 12 of this licence.
- 11.** The books specified under condition 10 must:
- be legible
  - if amended, be amended in such a way that the original version(s) and any subsequent amendments remain legible and are capable of retrieval
  - be retained by the licence holder for the duration of the licence and
  - be available to be produced to an inspector or the CEO as required.
- 12.** 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;
  - the complete details of the complaint and any other concerns or other issues raised; and
  - the complete details and dates of any action taken by the licence holder to investigate or respond to any complaint.
- 13.** The licence holder must:
- undertake an audit of their compliance with the conditions of this licence during the preceding annual period; and
  - prepare and submit to the CEO an Annual Audit Compliance Report in the approved form by no later than 28 February each year.
- 14.** The licence holder must submit to the CEO an Environmental Report within 60 calendar days after the end of the annual period. The Environmental Report must contain the information listed in Table 4 in the format or form specified in that table.

**Table 4 : 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
Condition 9 (Table 3)	Monitoring of emissions to land	None specified

12	Complaints summary	None specified
13	Compliance	Annual Audit Compliance Report (AACR) <i>Forms accessed at <a href="http://www.dwer.wa.gov.au">www.dwer.wa.gov.au</a></i>

## Notification

15. The licence holder must ensure that the parameters listed in Table 5 are notified to the CEO in accordance with the notification requirements of the table.

**Table 5: Notification requirements**

Condition or table (if relevant)	Parameter	Notification requirement <sup>1</sup>	Format or form <sup>2</sup>
Condition 4	Removal of sewage sludge from a treatment pond, wastewater treatment vessel, sewage sludge storage pond or Geobag	No less than 14 days in advance of works <sup>3</sup>	-
-	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 working day  Part B: As soon as practicable	N1

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

Note 2: Forms are in Schedule 2

Note 3: The following information shall be included: (i) when desludging is proposed to occur, (ii) the desludging method, (iii) action to mitigate potential odour impacts, and (iv) the method by which the community will be advised of the desludging activities.

## Definitions

In this licence, the terms in Table 6 have the meanings defined.

**Table 6: Definitions**

Term	Definition
ACN	Australian Company Number
ACT	<i>means the Environmental Protection Act 1986;</i>
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 January until 31 December of the immediately following year
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: <a href="mailto:info@dwer.wa.gov.au">info@dwer.wa.gov.au</a>
Controlled waste	has the definition in <i>Environmental Protection (Controlled Waste) Regulations 2004</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)
fugitive emissions	means all emissions not arising from the point sources identified in condition 9 of this licence
freeboard	Means the distance between the maximum water surface elevations and the top of retaining banks or structures at their lowest point
leachate	Means liquid released by or water that has percolated through waste

<b>Term</b>	<b>Definition</b>
	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
monthly period	means a one-month period commencing from day 2 of a month until day 1 of the immediately following month
premises	refers to the premises to which this licence applies, as specified at the front of this licence and as shown on Schedule 1, Prescribed premises map to this licence
prescribed premises	has the same meaning given to that term under the EP Act
putrescible	has the meaning defined in <i>Landfill Waste Classification and Waste Definitions 1996 (as amended 2019)</i>
rehabilitation	means the completion of the engineering of a landfill cell and includes capping and/or final cover
Schedule 1	means Schedule 1 of this licence unless otherwise stated
Schedule 2	Means Schedule 2 of this licence unless otherwise stated
waste	has the same meaning given to that term under the EP Act
wastewater treatment vessels	Means any vessel or tank containment infrastructure associated with the treatment of wastewater

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**END OF CONDITIONS**



## Schedule 1: Maps

### Premises map

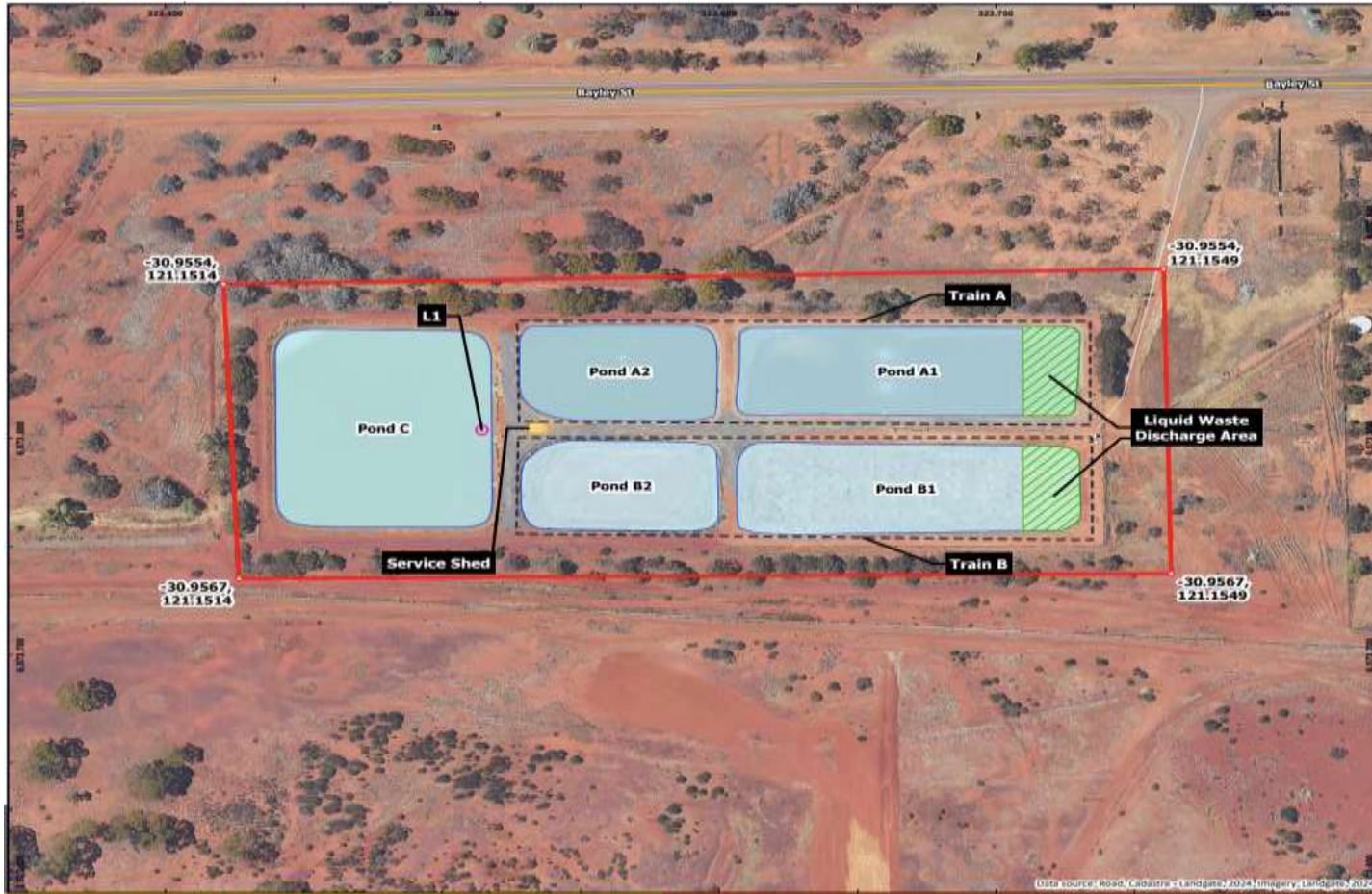


Figure 1: Premises boundary (red line)

## Map of irrigation areas

The blue line depicts the boundaries of the irrigation areas.

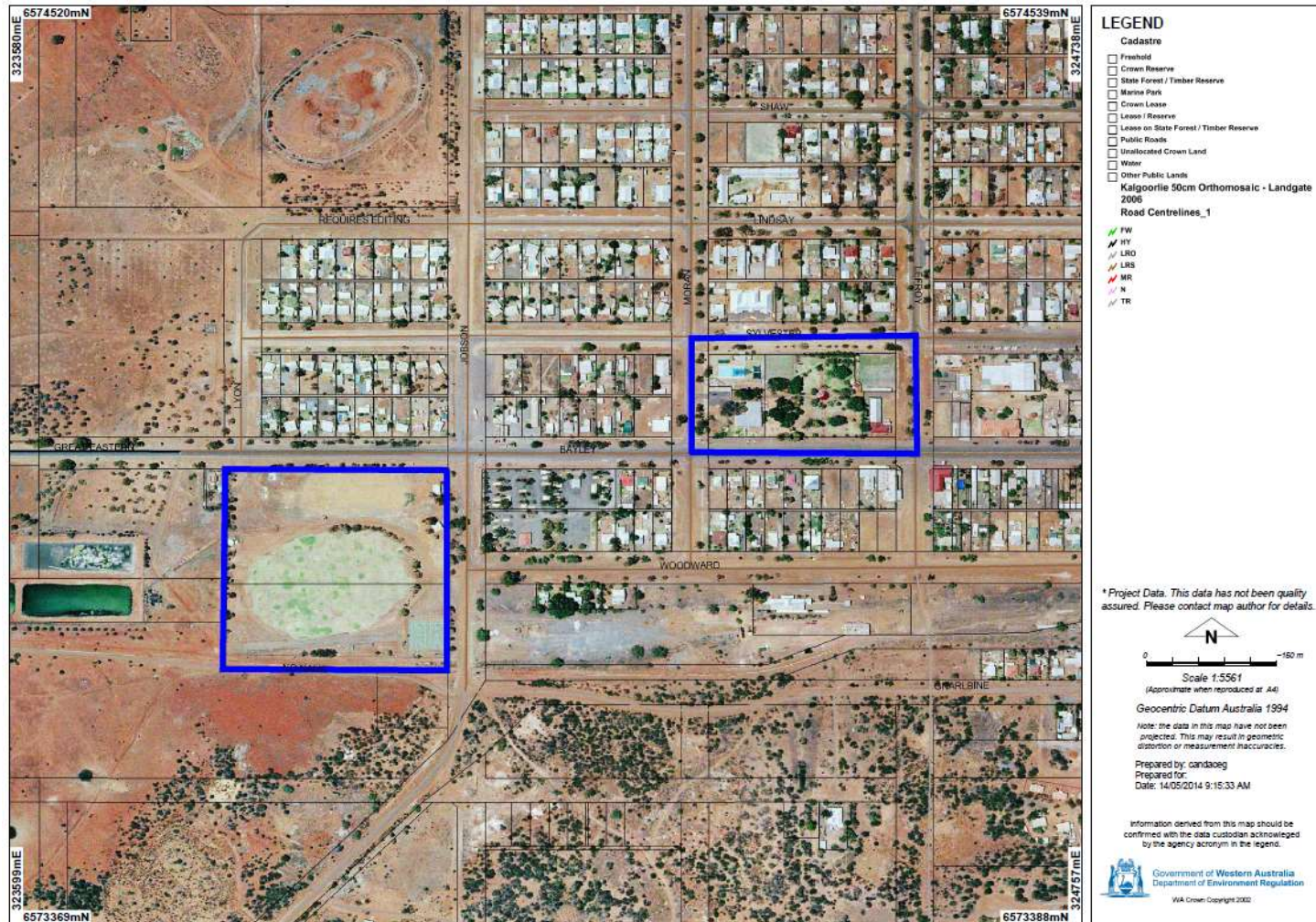


Figure 2: Map of irrigation areas



## Schedule 2: Reporting & notification forms

licence: L8359/2009/2 Licensee: Shire of Coolgardie  
Form: N1 Date of breach:

### Notification of detection of the breach of a limit or any failure or malfunction of any pollution control equipment or any incident which has caused, is causing or may cause pollution.

These pages outline the information that the operator must provide.  
Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

#### Part A

Licence Number	
Name of operator	
Location of Premises	
Time and date of the detection	

Notification requirements for the breach of a limit	
Emission point reference/ source	
Parameter(s)	
Limit	
Measured value	
Date and time of monitoring	
Measures taken, or intended to be taken, to stop the emission	

Notification requirements for any failure or malfunction of any pollution control equipment or any incident which has caused, is causing or may cause pollution	
Date and time of event	
Reference or description of the location of the event	
Description of where any release into the environment took place	
Substances potentially released	
Best estimate of the quantity or rate of release of substances	
Measures taken, or intended to be taken, to stop any emission	
Description of the failure or accident	





### Part B

Any more accurate information on the matters for notification under Part A.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident.	
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission.	
The dates of any previous N1 notifications for the Premises in the preceding 24 months.	

Name	
Post	
Signature on behalf of Shire of Coolgardie	
Date	



### Schedule 3: Prescribed premises boundary

The corners of the premises boundary coordinates are listed in Table 7.

**Table 7: Premises coordinates (GDA 2020)**

	<b>Easting</b>	<b>Northing</b>
1.	323760.5833	6573878.374
2.	323763.2381	6573737.762
3.	323426.5181	6573735.289
4.	323420.9802	6573871.443