



Licence Number	L5214/1993/11
Licence Holder	Shire of Moora
Registered business address	34 Padbury Street MOORA WA 6510
File Number	2010/003045-1
Duration	06/10/2013 to 05/10/2032
Date of amendment	15/11/2019
Prescribed Premises	Category 54: Sewage facility Category 61: Liquid waste facility As defined in Schedule 2
Premises	Moora Wastewater Treatment Plant (WWTP) Lot 10 Drummond Street MOORA WA 6510 Legal description - Being Lot 10 and part Lot 11 on Plan 21748 As defined in Schedule 1

This Licence is granted to the Licence Holder, subject to the following conditions, on **15 November 2019**, by:

**MANAGER WASTE INDUSTRIES
REGULATORY SERVICES**

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

Applicability

This licence is issued to the Shire of Moora for the Shire of Moora Wastewater Treatment Plant, located at Drummond Street, Lot 10 and part Lot 11 on Plan 21748, Moora 6510 (as depicted in Schedule 1), which is a prescribed Premises within Schedule 1 of the *Environmental Protection Regulations 1987*, and includes treatment of sewage and storage of liquid waste.

Nominal Rated Throughput

The nominal rated throughput of the Premises covered by this licence is in accordance with the following:

- Quantity of sewage treated: 360 cubic metres per day
- Quantity of liquid waste received: 300 tonnes per year

Other Information

The wastewater treatment plant is designed to treat wastewater to a secondary standard prior to discharge. Wastewater shall pass through a series of two treatment ponds, storage pit, ponds where rainwater runoff is added, the Midland Dam (where the flow meter is situated and sampling occurs), and a storage tank (where water is chlorinated) prior to reuse on parks and sports grounds by the Shire of Moora.

Other legal requirements

The Licence Holder should be aware that these conditions do not exempt the Premises/ Licence Holder from other statutory obligations under the *Environmental Protection Act 1986*, or any other Acts. This includes the Licence Holder's obligations under the:

- *Environmental Protection Regulations 1987* (as amended); and
- *Environmental Protection (Noise) Regulations 1997*.

Where there is conflict between the conditions set in this licence and any Act or Regulations, the latter takes precedence.

Amendment November 2019

The CEO initiated an amendment to the type and style of the licence during August 2019 and has issued a revised licence incorporating the changes made via Amendment Notice 1. The obligations of the Licence Holder have not changed in making this amendment. During the consolidation of amendment notice/s DWER has not undertaken any additional risk assessment of the Premises.

The CEO has:

- incorporated # Amendment Notice 1, issued 10 October 2016;
- updated the format and style of the Licence;
- deleted the redundant AACR form set out in Attachment 2 of the previous licence and advised the Licence Holder to obtain the form from the Department's website;
- updated some conditions to reflect contemporary regulatory controls and realigned condition numbers for numerical consistency; and
- corrected clerical mistakes and unintentional errors (where applicable).

The licences and works approvals issued for the Premises since 06 June 2013 are:

Instrument log table		
Instrument	Issued	Description
L5214/1993/11	06/10/2013	Licence re-issue
L5214/1993/11	29/04/2016	Department initiated amendment in accordance with section 59(1)(k) of the <i>Environmental Protection Act 1986</i> to amend the duration of the licence.
L5214/1993/11	25/05/2016	Licence amended to include category 61 and associated conditions, updated postal address and premises legal description, removed conditions which referred to operations occurring outside the Premises boundary and minor changes to existing conditions.
L5214/1993/11	10/10/2016	Amendment Notice 1 issued to reassess liquid waste acceptance criteria and liquid waste acceptance capacity.
L5214/1993/11	15/11/2019	DWER initiated amendment of Licence to consolidate amendment notices, minor updates to some conditions and rectify clerical issues (where applicable).

Definitions

In these conditions of licence, unless inconsistent with the text or subject matter:

‘Act’ means the *Environmental Protection Act 1986*;

‘AACR’ means an Annual Audit Compliance Report in a format approved by the CEO and presented by the Licence Holder or as specified by the CEO from time to time and published on the Department’s website;

‘Annual Period’ means the inclusive period from 1 July until 30 June in the following year;

‘CEO’ means Chief Executive Officer of the Department of Water and Environmental Regulation;

‘CEO’ for the purpose of correspondence means:

Chief Executive Officer
Department Administering the Environmental Protection Act 1986
Locked Bag 10
JOONDALUP DC WA 6027
Telephone: (08) 6367 7000
Facsimile: (08) 6367 7001
Email: info@dwer.wa.gov.au

‘controlled waste categories’ are defined in Schedule 1 of the *Environmental Protection (Controlled Waste) Regulations 2004*;

‘DWER’ means Department of Water and Environmental Regulation;

‘Extreme rainfall event’ means a 72-hour, 1 in 100-year rainfall event;

‘HDPE’ means high density polyethylene

‘Licence Holder’ means the person or organisation named as Licence Holder on page 1 of the Licence;

‘mg/L’ means milligrams per litre;

‘NATA’ means the National Association of Testing Authorities;

‘Premises’ means the area defined in Schedule 1 and listed as the Premises address on page 1 of the Licence; and

‘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 Water and Environmental Regulation’s “Controlled Waste Category List” (May, 2018), as amended from time to time.

GENERAL CONDITIONS

REPORTING REQUIREMENTS

- G1 The Licence Holder shall provide to the CEO an annual monitoring report containing the monitoring data or other collected data required by any condition of this Licence. The report shall contain data collected from 1 July to 30 June and shall be provided by 1 September each year.
- G2 The Licence Holder shall by 1 September in each year, provide to the CEO an Annual Audit Compliance Report, indicating the extent to which the Licence Holder has complied with the conditions of this Licence, and any previous Licence issued under Part V of the Act for the Premises, during the period beginning 1 July the previous year and ending on 30 June in that year.

WASTE ACCEPTANCE

- G3 The Licence Holder must only accept onto the Premises waste of a liquid 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	Waste code	Prescribed premises category	Rate at which waste is received	Acceptance specification
Sewage waste from reticulated sewerage system	K130	Category 54	360 cubic metres per day	None specified
Septage wastes	K210			
Grease trap waste	K110	Category 61	88.5 tonnes per annual period	
Hydrocarbon and water mixtures or emulsions	J120		211.5 tonnes per annual period	

WASTE PROCESSING

- G4 The Licence Holder shall ensure that the wastes accepted onto the Premises are only subjected to the process(es) set out in Table 2 and in accordance with any process requirements described in that table.

Table 2: Waste processing

Waste type	Process	Process requirements
Sewage waste from reticulated sewerage system	Physical, chemical and biological treatment in the sewage waste facility	Treatment of sewage and septage waste shall be targeted at or below the treatment capacity of 360 m ³ /day.
Septage waste		
Grease trap waste	Physical, chemical and biological treatment in the sewage waste facility	None specified
Hydrocarbon and water mixtures or emulsions	Disposal at the liquid waste facility to the approved, HDPE-line evaporation basin (as shown in Schedule 1)	None specified

MONITORING REQUIREMENTS

- G5 The Licence Holder shall record the monthly volumes of waste received into the Premises at the liquid waste facility.

WATER POLLUTION CONTROL CONDITIONS

MAINTENANCE OF PONDS

- W1 The Licence Holder shall manage the ponds onsite in a manner such that:
- (i) uncontaminated stormwater runoff resulting from roof and site drainage shall not enter the ponds or cause the erosion of outer pond embankments;
 - (ii) extreme rainfall events do not cause overtopping of the ponds; and
 - (iii) vegetation (emergent or otherwise) shall be prevented from growing in the pond wastewaters or on the inner pond embankments.

DISCHARGE POINT

- W2 The Licence Holder shall direct all effluent from the wastewater treatment ponds to the storage ponds prior to reuse by the Shire.

FLOW MONITORING DEVICE

- W3 The Licence Holder shall use a suitable device for accurately measuring monthly cumulative volumes of wastewater discharged from the treatment plant. The Licence Holder shall record the flow results every month and present them in the next annual monitoring report in a tabular form.

SAMPLING REQUIREMENTS

- W4 The Licence Holder shall collect and have analysed, every 3 months, a sample of the treated wastewater being discharged from the treatment plant to irrigation. The following parameters shall be determined:
- (i) pH;
 - (ii) Total Suspended Solids;
 - (iii) Total Dissolved Solids;
 - (iv) 5-Day Biochemical Oxygen Demand (BOD5);
 - (v) Total Nitrogen; and
 - (vi) Total Phosphorus.

With the exception of pH, all measurements are to be reported in mg/L. The results shall be presented to the CEO in the next annual monitoring report in a tabular format.

GENERAL MONITORING REQUIREMENTS

- W5(a) The Licence Holder shall collect all water samples referred to in condition W4 in accordance with the relevant part of Australian Standard AS5667:1998, or other approved standard.
- W5(b) The Licence Holder shall submit all water samples referred to in condition W4, except for pH, to a laboratory with current NATA accreditation for the analyses specified, and analyse in accordance with the current "Standard Methods for Examination of Water and Wastewater-APHA-AWWA-WEF".
In-field non-NATA accredited analysis is permitted for pH.

SOLID WASTE POLLUTION CONTROL CONDITIONS

DISPOSAL OF SCREENINGS, GRIT AND OTHER RESIDUALS

- S1 The Licence Holder shall dispose of screenings, grit and other residuals to an approved landfill site.

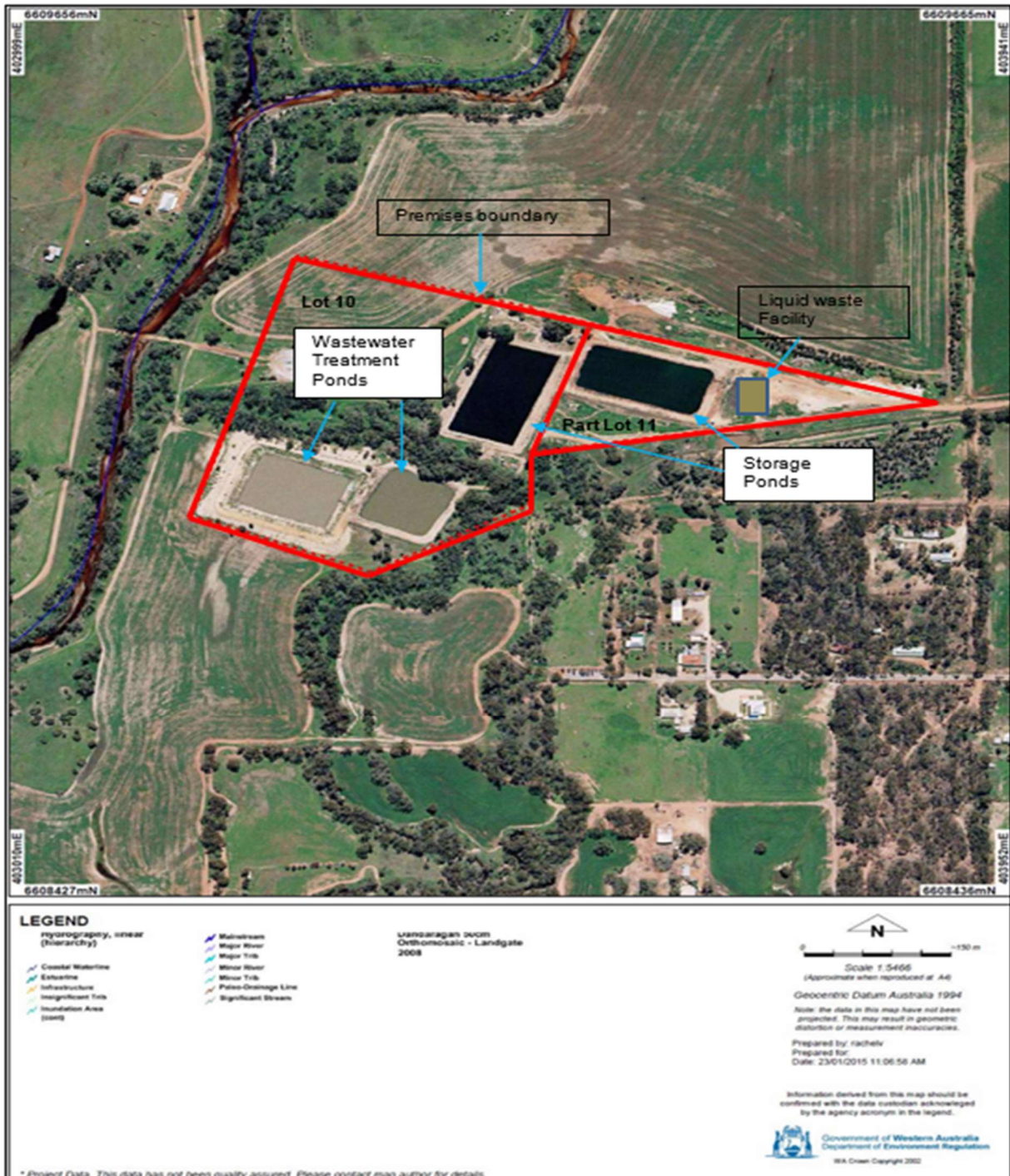
POND DESLUDGING

- S2 The Licence Holder shall inform the CEO no less than 14 days prior to the desludging of any ponds at the Premises and provide the following information:
- (i) the dates that the desludging is intended to occur;
 - (ii) the method by which the pond is to be desludged; and
 - (iii) proposed action to mitigate potential impact of odour emissions on local residents.

Schedule 1: Maps

Premises map

The Premises are shown in the map below.



Schedule 2: Prescribed Premises Categories

The Premises prescribed categories under schedule 1 of *Environmental Protection Regulation 1987*

Prescribed Premises categories

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 m ³ or more per day	360 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	300 tonnes per annual period