



Government of **Western Australia**
Department of **Environment Regulation**

Your ref: L6247/1991/8
Our Ref: DER2013/001028
Enquiries: Haley Wilson
Phone: 9182 2034
Fax: 9144 1118
Email: haley.wilson@der.wa.gov.au

Mr Gordon Groth
Environment Operations Manager
Water Corporation
PO Box 100
LEEDERVILLE WA 6902

Dear Mr Groth

Environmental Protection Act 1986
Licence L6247/1991/8
Occupier: Water Corporation
Premises: Roebourne Wastewater Treatment Plant

You are hereby advised that a licence under the *Environmental Protection Act 1986* (the Act) has been granted for the above premises. The Department of Environment Regulation will advertise the issuing of this licence in the public notices section of The West Australian newspaper.

The licence is subject to the attached conditions. Under section 58 of the Act, it is an offence to contravene a licence condition. This offence carries a penalty of up to \$125,000, with a daily penalty of up to \$25,000.

In accordance with section 102(1)(c) of the Act, you are afforded 21 days to appeal the conditions of the licence. Under section 102(3)(a) of the Act, any other person may also appeal the conditions of the licence.

To make an appeal or check if any appeals have been made, contact the Office of the Appeals Convenor on 6467 5190. Please direct all other inquiries to the Licensing Officer above.

Yours sincerely,

Danielle Eyre
Officer delegated under section 20
of the *Environmental Protection Act 1986*

Thursday, 24 October 2013

enc: *Environmental Protection Act 1986* Licence L6247/1991/8
copy to: Local Government Authority: Shire of Roebourne

WESTERN AUSTRALIA

DEPARTMENT OF ENVIRONMENT REGULATION

Environmental Protection Act 1986

LICENCE

LICENCE NUMBER: L6247/1991/8

FILE NUMBER: DER2013/001028

LICENSEE AND OCCUPIER:

Water Corporation
Level 1, 629 Newcastle Street
LEEDERVILLE WA 6902

NAME AND LOCATION OF PREMISES:

Roebourne Wastewater Treatment Plant
Reserve 340034, Lot 620 Northwest Coastal Highway
ROEBOURNE WA 6718
(as depicted in Attachment 1)

Environmental Protection Regulations 1987

CLASSIFICATION(S) OF PREMISES:

Category 54: Sewage facility

COMMENCEMENT DATE OF LICENCE: Friday, 1 November 2013

EXPIRY DATE OF LICENCE: Wednesday, 31 October 2018

CONDITIONS OF LICENCE:

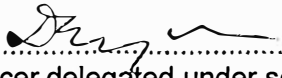
As described and attached:

DEFINITIONS (13)

GENERAL CONDITIONS (3)

WATER POLLUTION CONTROL CONDITIONS (3)

SOLID WASTE DISPOSAL CONDITIONS (2)


.....
Officer delegated under section 20
of the *Environmental Protection Act 1986*

Date of Issue: Thursday, 24 October 2013

WESTERN AUSTRALIA
DEPARTMENT OF ENVIRONMENT REGULATION
Environmental Protection Act 1986

LICENCE NUMBER: L6247/1991/8

FILE NUMBER: DER2013/001028

PREAMBLE

Applicability

This licence is issued to the Water Corporation for the Roebourne Wastewater Treatment Plant, located at Reserve 340034, Lot 620 Northwest Coastal Highway (see Attachment 1). At this facility, wastewater is treated to a secondary standard and consists of one primary treatment pond and three evaporation/infiltration ponds. The licence comprises conditions relating too but not necessarily limited to the following activities:

- sewage treatment; and
- disposal of treated wastewater by evaporation/infiltration.

This facility is prescribed within Schedule 1 of the Environmental Protection Regulations 1987 as outlined in Table 1.

Table 1: Category under which Roebourne Wastewater Treatment Plant is prescribed

<i>Category number</i>	<i>Category name</i>	<i>Description</i>
54	Sewage facility	Premises – (a) on which sewage is treated (excluding septic tanks); or (b) from which treated sewage is discharged onto land or in waters.

Emergency, Accident or Malfunction

The licensee should inform the Director as soon as practicable of any discharge of waste which has occurred as a result of an emergency, accident, malfunction or extreme weather conditions otherwise than in accordance with any condition of this licence, and has caused or is likely to cause pollution.

Alteration to Premises

Prior to making any significant alterations to the premises which may affect the air, water or noise emissions from the premises, the licensee must submit a proposal to the Director accompanied by supporting information and plans which allow the environmental impact of that change to be assessed.

Other Legal Requirements

The licensee should be aware that these conditions do not exempt the premises/licensee from other statutory obligations under the *Environmental Protection Act 1986*, or any other Acts.

This includes the licensee's obligations under the:

- Environmental Protection Regulations 1987;
- Environmental Protection (Noise) Regulations 1997;
- Environmental Protection (Controlled Waste) Regulations 2004;
- Environmental Protection (Unauthorised Discharges) Regulations 2004; and
- Environmental Protection (Clearing of Native Vegetation) Regulations 2004.

WESTERN AUSTRALIA
DEPARTMENT OF ENVIRONMENT REGULATION

Environmental Protection Act 1986

LICENCE NUMBER: L6247/1991/8

FILE NUMBER: DER2013/001028

CONDITIONS OF LICENCE

DEFINITIONS

In these conditions of licence:

"approved" and "approval" means approved by, and approval by the Director respectively;

"AS/NZS5667 or Australian Standard 5667" means the most recent version and the relevant parts of the Australian and New Zealand series of guidance standards on Water Quality Sampling;

"biosolids" means anaerobically stabilised sludge;

"Director" means Director, Environmental Regulation Division of the Department of Environment Regulation for and on behalf of the Chief Executive Officer as delegated under Section 20 of the *Environmental Protection Act 1986*;

"Director" and "Department of Environment Regulation" for the purpose of correspondence means-

Regional Leader, Industry Regulation
Department of Environment Regulation
PO Box 835
KARRATHA WA 6714

Telephone: (08) 9182 2000
Facsimile: (08) 9144 1118;

"extreme rainfall event" means a one in ten year rainfall event of 72 hours duration;

"inform" means inform by telephone or facsimile;

"licensed or registered" means licensed or registered under the *Environmental Protection Act 1986* unless otherwise specified;

"mg/L" means milligrams per litre;

"mL" means millilitre;

"NATA" means National Association of Testing Authorities;

"premises" means Reserve 35053, Lot 1933 Millstream Road, Karratha as depicted in Attachment 1; and

"sludge" means the settled solids collected from the base of the treatment ponds.

GENERAL CONDITIONS

REPORTING REQUIREMENTS

1 The licensee shall provide to the Director, by **1 September** each year, an Annual Monitoring Report containing data collected between 1 July to 30 June. The report shall contain:

- (i) monitoring data or other collected data required by any condition of this licence;

WESTERN AUSTRALIA

DEPARTMENT OF ENVIRONMENT REGULATION

Environmental Protection Act 1986

LICENCE NUMBER: L6247/1991/8

FILE NUMBER: DER2013/001028

- (ii) an explanation of the monitoring results with respect to the environmental impacts of the project;
 - (iii) a summary of the number and type of complaints received; and
 - (iv) any changes to site boundaries, location of groundwater monitoring bores, surface drainage channels and on-site or off-site impacts or pollution.
- 2 The licensee shall by **1 September** in each year, provide to the Director an Annual Audit Compliance Report in the form in Attachment 2 to this licence, signed and certified in the manner required by Section C of the form, indicating the extent to which the licensee 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.

COMPLAINTS

- 3(a) The licensee shall keep a written record of all complaints received at the premises. The record must be dated and provide the following information (if known):
- (i) date and time of complaint;
 - (ii) location about which the complaint was made;
 - (iii) general description of the nature of complaint;
 - (iv) wind direction, wind speed and temperature at the time of the complaint;
 - (v) likely source of the reported problem; and
 - (vi) action taken in response to the complaint.
- 3(b) The licensee shall make available the records contained within the register required by condition 3(a) and any other record referred to in this licence to an authorised person or inspector upon request.

WATER POLLUTION CONTROL CONDITIONS

MAINTENANCE OF WASTEWATER TREATMENT PONDS

- 4 The licensee shall manage the wastewater treatment ponds in a manner such that:
- (i) stormwater runoff resulting from site drainage shall be prevented from entering the wastewater treatment ponds or causing erosion of the outer pond embankments;
 - (ii) overtopping of the ponds shall not occur, except as a result of an extreme rainfall event;
 - (iii) there is no discernible seepage loss from the treatment ponds; and
 - (iv) vegetation and debris (emergent or otherwise) is prevented from growing or accumulating in the pond wastewaters or on the inner pond embankments.

FLOW MONITORING DEVICE AND SAMPLING POINT

- 5(a) The licensee shall maintain a suitable device for measuring cumulative volumes of treated wastewater discharged from the treatment plant. The monthly flow results shall be submitted as part of the Annual Monitoring Report in accordance with condition 1.
- 5(b) The licensee shall maintain a sampling point in the outlet pipe from the treatment plant so that wastewater samples can easily be taken there from.

WESTERN AUSTRALIA

DEPARTMENT OF ENVIRONMENT REGULATION

Environmental Protection Act 1986

LICENCE NUMBER: L6247/1991/8

FILE NUMBER: DER2013/001028

TREATED WASTEWATER MONITORING PROGRAM

- 5(c) The licensee shall, at the frequencies stated in Table 2, collect and have analysed representative wastewater samples from the outlet pipe of the treatment plant, and have them analysed for the parameters listed:

TABLE 2: Treated Wastewater Monitoring Program

Monitoring Site	Frequency	Parameters to be Monitored
Treatment Plant Outlet Pipe	3 monthly	pH, Total Suspended Solids, Total Dissolved Solids, Filtered 5-day biochemical oxygen demand, Total Nitrogen, Ammonium Nitrogen, Nitrate + Nitrite Nitrogen, Total Phosphorus and E.coli.

Note: With the exception of pH and E.coli, all measurements are to be reported in milligrams per litre (mg/L).

- 5(d) The wastewater samples referred to in part (c) of this condition shall be collected, handled and preserved in accordance with the relevant parts of the Australian Standard 5667.
- 5(e) The wastewater samples referred to in part (c) of this condition shall be submitted to a laboratory with current NATA accreditation for the analysis specified.
- 5(f) The results of the monitoring undertaken in accordance with part (c) of this condition shall be submitted as part of the annual monitoring report in accordance with condition 1.

SOLID WASTE DISPOSAL CONDITION

DISPOSAL OF BIOSOLID AND OTHER RESIDUALS

- 6(a) The licensee shall dispose of sludge and biosolids in accordance with the document *Western Australian Guidelines for biosolids management*, Department of Environment and Conservation (December 2012) or to a licensed or registered landfill facility.
- 6(b) The licensee shall dispose of collected debris, vegetation, grit or screenings from the treatment plant to a licensed or registered landfill facility.

WASTEWATER POND DESLUDGING

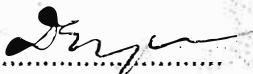
- 7(a) The licensee shall inform the Director no less than 14 days prior to any desludging of any wastewater treatment pond on the premises and provide the following information:
- (i) the dates that the desludging is intended to occur;
 - (ii) the method by which the wastewater treatment pond is to be desludged; and
 - (iii) the proposed action to mitigate potential impact of odour emissions (e.g. letter drops).
- 7(b) The licensee shall ensure that sludge, vegetation or debris removed from any wastewater treatment pond is immediately removed offsite or stored onsite within a hardstand area or approved drying bed.
- 7(c) The licensee shall ensure that the storage area referred to in part (b) of this condition is banded to enable the containment and recovery of any liquid matter.

WESTERN AUSTRALIA
DEPARTMENT OF ENVIRONMENT REGULATION
Environmental Protection Act 1986

LICENCE NUMBER: L6247/1991/8

FILE NUMBER: DER2013/001028

- 7(d) The licensee shall return liquid matter, collected in accordance with part (c) of this condition, back into the wastewater treatment plant.



.....
Officer delegated under section 20
of the *Environmental Protection Act 1986*

Date of Issue: Thursday, 24 October 2013

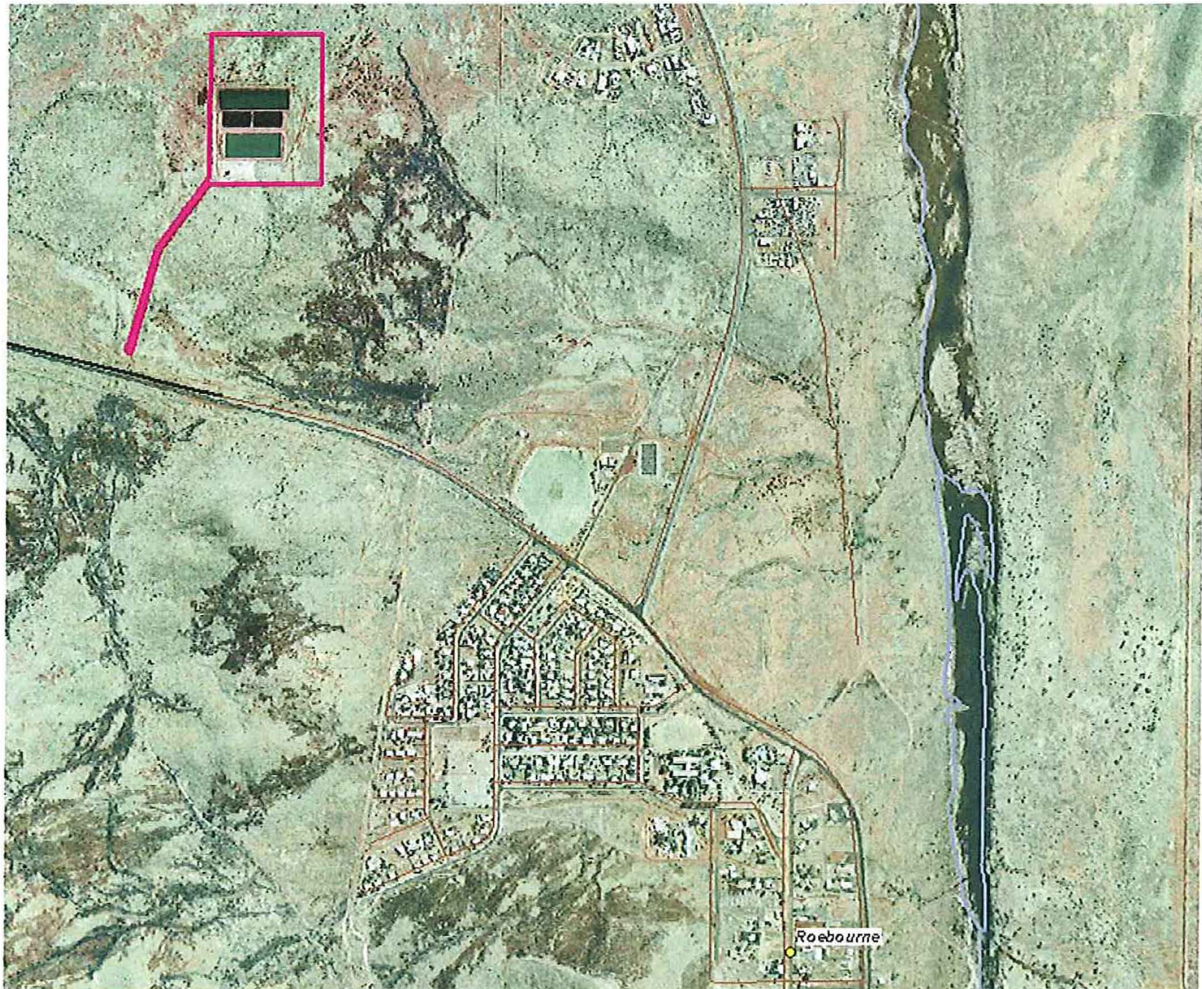
WESTERN AUSTRALIA
DEPARTMENT OF ENVIRONMENT REGULATION
Environmental Protection Act 1986

LICENCE NUMBER: L6247/1991/8

FILE NUMBER: DER2013/001028

Attachment 1 – PLAN OF PREMISES

**Location of Roebourne Wastewater Treatment Plant, Reserve 34034, Lot 620
North West Coastal Highway, Roebourne.**



WESTERN AUSTRALIA
DEPARTMENT OF ENVIRONMENT REGULATION
Environmental Protection Act 1986

LICENCE NUMBER: L6247/1991/8

FILE NUMBER: DER2013/001028

Attachment 2.

**SECTION A
LICENCE DETAILS**

Licence Number:	Licence File Number:
Company Name: Trading as:	ABN:
Reporting period: _____ to _____	

STATEMENT OF COMPLIANCE WITH LICENCE CONDITIONS

1. Were all conditions of licence complied with within the reporting period? (please tick the appropriate box)

Yes Please proceed to Section C

No Please proceed to Section B

Each page must be initialed by the person(s) who signs Section C of this annual audit compliance report

INITIAL: _____

WESTERN AUSTRALIA

DEPARTMENT OF ENVIRONMENT REGULATION

Environmental Protection Act 1986

LICENCE NUMBER: L6247/1991/8

FILE NUMBER: DER2013/001028

SECTION B

DETAILS OF NON-COMPLIANCE WITH LICENCE CONDITION.

Please use a separate page for each licence condition that was not complied with.

a) Licence condition not complied with?	
b) Date(s) when the non compliance occurred, if applicable?	
c) Was this non compliance reported to DER?	
<input type="checkbox"/> Yes	<input type="checkbox"/> Reported to DER verbally Date _____
<input type="checkbox"/> Reported to DER in writing Date _____	<input type="checkbox"/> No
d) Has DER taken, or finalised any action in relation to the non compliance?	
e) Summary of particulars of compliance non compliance, and what was the environmental impact?	
f) If relevant, the precise location where the non compliance occurred (attach map or diagram)	
g) Cause of non compliance	
h) Action taken or that will be taken to mitigate any adverse effects of the non compliance	
i) Action taken or that will be taken to prevent recurrence of the non compliance	

Each page must be initialed by the person(s) who signs Section C of this annual audit compliance report

INITIAL: _____

WESTERN AUSTRALIA
DEPARTMENT OF ENVIRONMENT REGULATION
Environmental Protection Act 1986

LICENCE NUMBER: L6247/1991/8

FILE NUMBER: DER2013/001028

SECTION C
SIGNATURE AND CERTIFICATION

This Annual Audit Compliance Report must only be signed by a person(s) with legal authority to sign it. The ways in which the Annual Audit Compliance Report must be signed and certified, and the people who may sign the statement, are set out below.

Please tick the box next to the category that describes how this Annual Audit Compliance Report is being signed. If you are uncertain about who is entitled to sign or which category to tick, please contact the licensing officer for your premises.

If the licence holder is		The Annual Audit Compliance Report must be signed and certified:
an individual	<input type="checkbox"/> <input type="checkbox"/>	by the individual licence holder, or by a person approved in writing by the Chief Executive Officer of the Department of Environment Regulation to sign on the licensee's behalf.
A firm or other unincorporated company	<input type="checkbox"/> <input type="checkbox"/>	by the principal executive officer of the licensee; or by a person with authority to sign on the licensee's behalf who is approved in writing by the Chief Executive Officer of the Department of Environment Regulation.
A corporation	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	by affixing the common seal of the licensee in accordance with the Corporations Act 2001; or by two directors of the licensee; or by a director and a company secretary of the licensee, or if the licensee is a proprietary company that has a sole director who is also the sole company secretary – by that director, or by the principal executive officer of the licensee; or by a person with authority to sign on the licensee's behalf who is approved in writing by the Chief Executive Officer of the Department of Environment Regulation.
A public authority (other than a local government)	<input type="checkbox"/> <input type="checkbox"/>	by the principal executive officer of the licensee; or by a person with authority to sign on the licensee's behalf who is approved in writing by the Chief Executive Officer of the Department of Environment Regulation.
a local government	<input type="checkbox"/>	by the chief executive officer of the licensee; or by affixing the seal of the local government.

It is an offence under section 112 of the *Environmental Protection Act 1986* for a person to give information on this form that to their knowledge is false or misleading in a material particular. There is a maximum penalty of \$50,000 for an individual or body corporate.

I/We declare that the information in this annual audit compliance report is correct and not false or misleading in a material particular.

SIGNATURE: _____

SIGNATURE: _____

NAME:
(printed) _____

NAME:
(printed) _____

POSITION: _____

POSITION: _____

DATE: ____/____/____

DATE: ____/____/____

SEAL (if signing under seal)

