



LICENCE FOR PRESCRIBED PREMISES

Environmental Protection Act 1986

LICENCE NUMBER: L6267/1991/10

FILE NUMBER: 2102/007602

NAME AND ADDRESS OF OCCUPIER:

Water Corporation
PO Box 100
Leederville WA 6902
ABN: 28 003 434 917

NAME AND LOCATION OF PREMISES:

Derby Wastewater Treatment Plant
Crown Reserve 34921, Lot 95 on Plan 182444
Derby WA 6728

Environmental Protection Regulations 1987

CLASSIFICATION(S) OF PREMISES:

Category 54 - Sewage Facility
Category 61 - Liquid Waste 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 (11)
GENERAL CONDITION(S) (4)
WATER POLLUTION CONTROL CONDITION(S) (3)
SOLID WASTE CONTROL CONDITION(S) (2)
ATTACHMENTS (2)



Officer delegated under Section 20
of the *Environmental Protection Act 1986*

Date of Issue: Thursday, 31 October 2013



CONDITIONS OF LICENCE

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PREAMBLE

The following statements in this Preamble provide relevant background information for the licence holder. They should not be regarded as conditions of licence.

Applicability

This licence is issued to the Water Corporation for the Derby Wastewater Treatment Plant located at Reserve 34921, Fitzroy Location 95, 95 Conway Street, Derby (see Attachment 1). This plant treats wastewater to a secondary standard prior to reuse on the Derby Gold Course or disposal to a constructed wetland area. A controlled discharge from the wetland may occur to tidal flats east of the plant. This licence comprises conditions relating to, but not necessarily limited to, the following activities:

- sewage treatment;
- liquid waste treatment; and
- disposal of treated wastewater.

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

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

Category number	Category name	Description
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.
61	Liquid waste facility	Premises on which liquid waste produced on other premises (other than sewage waste) is stored, reprocessed, treated or irrigated.

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*.

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DEFINITIONS

In these conditions of licence:

"approved" means approved by the Director;

'AS/NZS 5667.1' means the Australian Standard AS/NZS 5667.1 *Water Quality – Sampling – Guidance of the Design of sampling programs, sampling techniques and the preservation and handling of samples*;

"biosolids" means 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 942
Kununurra WA 6743

Telephone: (08) 9168 4200
Facsimile: (08) 9168 2179;

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

"inform" means inform by mail, 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;

"NATA" means National Association of Testing Authorities, Australia;

'NATA accreditation' means that the laboratory is NATA accredited for the specified analysis at the time of the analysis;

"premises" means Crown Reserve 34921, Lot 95 on Plan 182444, Derby WA 6728 (as depicted in Attachment 1); and

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

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GENERAL CONDITIONS

- ACCEPTANCE OF LIQUID WASTE
1. The licenses shall only dispose of the following liquid wastes (as defined in Schedule 1 of the *Environmental Protection (Controlled Waste) Regulations 2004*) to the liquid waste treatment lagoons at the premises:
 - (a) septage waste;
 - (b) grease trap waste; and
 - (c) low strength wastewater.
- REPORTING REQUIREMENTS
2. The licensee shall by **1 September in each year**, provide to the Director an Annual Environmental Report containing data collected during the period beginning **1 July the previous year** and ending on **30 June in that year**. The report shall contain:
 - (a) monitoring data or other collected data required by any condition of this licence;
 - (b) an explanation of the monitoring results with respect to the environmental impacts of the project;
 - (c) a summary of the number and type of complaints received; and
 - (d) any changes to site boundaries, location of groundwater monitoring bores, surface drainage channels and on-site or off-site impacts or pollution.
- COMPLAINTS
3. 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):
 - (a) name and address of complainant(s);
 - (b) date and time of complaint;
 - (c) location about which the complaint was made;
 - (d) general description of the nature of the complaint;
 - (e) wind direction, wind speed and temperature at the time of the complaint;
 - (f) likely source of the reported problem; and
 - (g) action taken in response to the complaint.This record, or copies thereof, shall be made available to the Director on request.
- ANNUAL AUDIT COMPLIANCE REPORT
4. 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 *Environmental Protection Act 1986* for the premises, during the period beginning **1 July the previous year** and ending on **30 June in that year**.

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WATER POLLUTION CONTROL CONDITIONS

MAINTENANCE OF WASTEWATER TREATMENT PONDS

5. The licensee shall manage the wastewater treatment ponds in a manner such that:
- (a) stormwater runoff resulting from site drainage shall be prevented from entering the wastewater treatment ponds or causing erosion of the outer pond embankments;
 - (b) overtopping of the ponds shall not occur, except as a result of an extreme rainfall event;
 - (c) there is no discernible seepage loss from the treatment ponds; and
 - (d) 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

6. 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 Environmental Report in accordance with condition 2.
7. The licensee shall maintain a sampling point in the outlet pipe from the treatment plant so that wastewater samples can easily be taken therefrom.

TREATED WASTEWATER SAMPLING REQUIREMENTS

8. The licensee shall, at the frequency stated in column 1 of Table 2, collect representative wastewater samples from the outlet pipe of the treatment plant, and have them analysed for the parameters listed in column 2 of table 2.

TABLE 2: Treated Wastewater Monitoring Program

Frequency (column 1)	Parameters to be Monitored (column 2)
3 monthly	(a) pH; (b) Total Suspended Solids; (c) Total Dissolved Solids; (d) Biochemical Oxygen Demand; (e) Total Nitrogen; (f) Ammonium Nitrogen; (g) Nitrate + Nitrite Nitrogen; (h) Total Phosphorus; and (i) E Coli.

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

9. The wastewater samples referred to in condition 8 shall be collected, handled and preserved in accordance with the relevant parts of Australian Standard AS/NZS 5667.1.
10. The wastewater samples referred to in condition 8 shall be submitted to a laboratory with current NATA accreditation for the analyses specified in Table 2 of this Licence.
11. The results of the monitoring undertaken in accordance with condition 8 shall be submitted as part of the Annual Environmental Report in accordance with condition 2.

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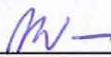
SOLID WASTE DISPOSAL CONDITIONS

SOLID WASTE DISPOSAL

12. 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 updated version), or to a licensed or registered landfill facility.
13. 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

14. 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:
 - (a) the dates that the desludging is intended to occur;
 - (b) the method by which the wastewater treatment pond is to be desludged;
 - (c) the proposed action to mitigate potential impact of odour emissions; and
 - (d) the method by which the community will be advised of the desludging activities.
15. 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.
16. The licensee shall ensure that the storage area referred to in condition 15 is adequately bunded to enable the containment and recovery of liquid matter.
17. The licensee shall return all liquid matter collected in condition 16 back into the wastewater treatment plant.



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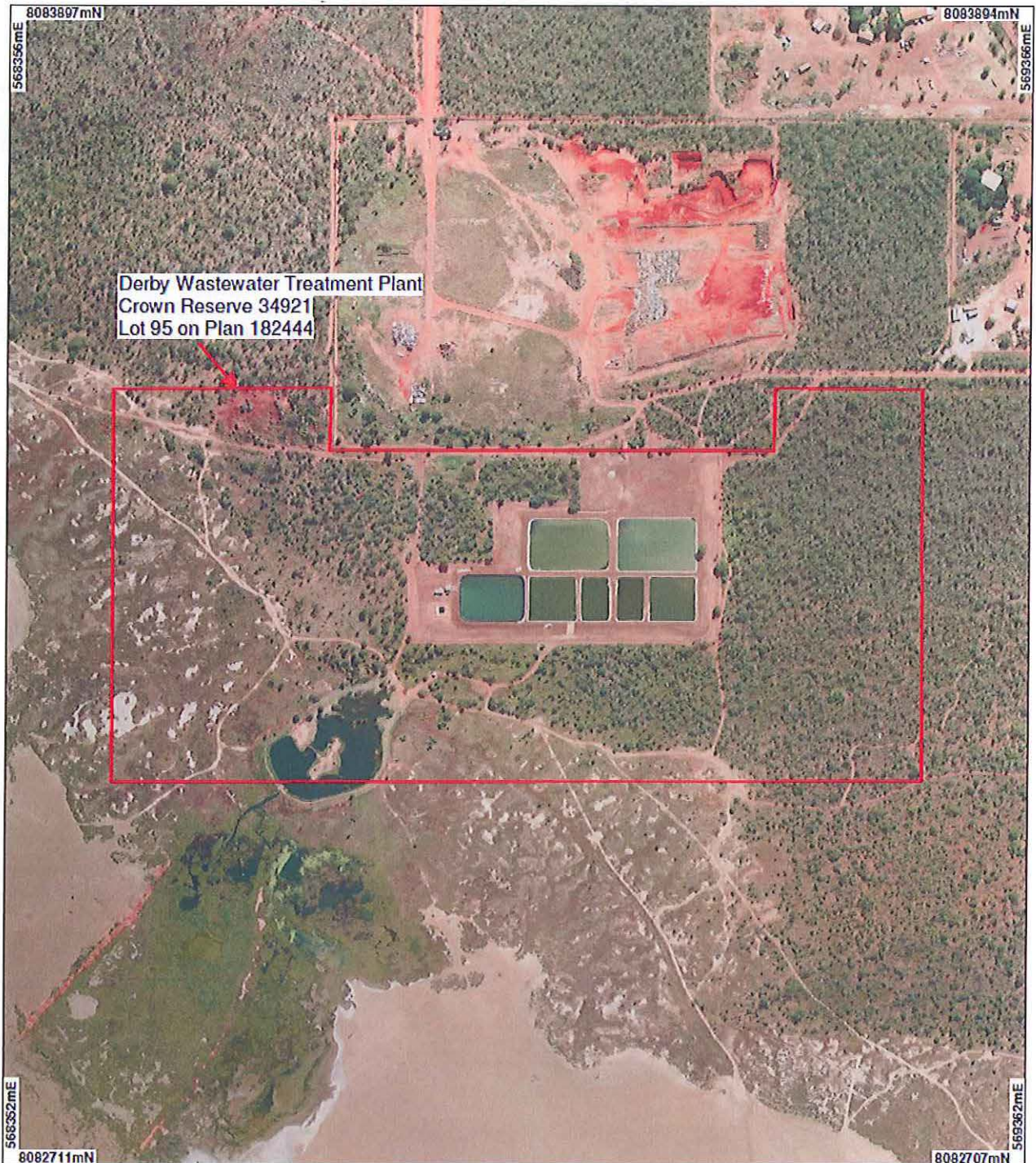
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ATTACHMENT 1 – PLAN OF PREMISES

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DERBY WASTEWATER TREATMENT PLANT



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ATTACHMENT 2 – ANNUAL AUDIT COMPLIANCE REPORT

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SECTION A

LICENCE DETAILS

Licence Number:	Licence File Number:
Company Name:	ABN:
Trading as:	
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: _____

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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 finalized any action in relation to the non compliance?	
e) Summary of particulars of 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

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SECTION C - SIGNATURE AND CERTIFICATION

This Annual Audit Compliance Report may 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"/> by the individual licence holder, or <input type="checkbox"/> 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"/> by the principal executive officer of the licensee; or <input type="checkbox"/> 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"/> by affixing the common seal of the licensee in accordance with the Corporations Act 2001; or <input type="checkbox"/> by two directors of the licensee; or <input type="checkbox"/> by a director and a company secretary of the licensee, or <input type="checkbox"/> if the licensee is a proprietary company that has a sole director who is also the sole company secretary – by that director, or <input type="checkbox"/> by the principal executive officer of the licensee; or <input type="checkbox"/> 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"/> by the principal executive officer of the licensee; or <input type="checkbox"/> 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 <input type="checkbox"/> 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)

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