



Government of Western Australia  
Department of Environment Regulation

Your ref L7427/1998/8  
Our ref 2010/009218]  
Enquiries Jamie Piotrowski  
Phone 9725 4300  
Fax 9725 4351  
Email Jamie.piotrowski@der.wa.gov.au

The Manager  
Water Corporation  
PO Box 100  
LEEDERVILLE WA 6902

Dear Sir/Madam

**ENVIRONMENTAL PROTECTION ACT 1986 – LICENCE REISSUE L7427/1998/8**  
**Dunsborough Wastewater Treatment Plant**  
**Lot 150 on Diagram 100538**  
**Anniebrook Road**  
**ANNIEBROOK WA 6280**

Your application for a licence under Part V of the *Environmental Protection Act 1986* for the above premises has been issued subject to the attached conditions. Enclosed is your licence number **L7427/1998/8**.

If you are concerned about, or object to any of the conditions you may lodge an appeal with the Minister for the Environment within 21 days from the date on which this licence is received. The Office of the Appeals Convenor can be contacted on 6467 5190 to find out the procedure and fee. Members of the public may also appeal the licence. The Appeals Registrar at the Office of the Appeals Convenor can be contacted after the closing date of appeals to check whether any appeals were received.

Under Section 58 of the *Environmental Protection Act 1986*, 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. If you have any questions relating to the licence or licence conditions, please contact Jamie Piotrowski on 9725 4300.

Yours sincerely

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

Thursday, 24 October 2013

enc:

copy to: Local Government Authority: City of Busselton  
Department of Health WA

The Atrium, 168 St Georges Terrace, Perth WA 6000  
Phone (08) 6467 5000 Fax (08) 6467 5562  
Postal Address: Locked Bag 33, Cloisters Square, Perth WA 6850  
[www.der.wa.gov.au](http://www.der.wa.gov.au)





## LICENCE FOR PRESCRIBED PREMISES

### *Environmental Protection Act 1986*

LICENCE NUMBER: L7427/1998/8

FILE NUMBER: 2010/009218

#### LICENSEE AND OCCUPIER OF PREMISES

WATER CORPORATION  
PO Box 100  
LEEDERVILLE WA 6902

#### NAME AND LOCATION OF PREMISES

Dunsborough Wastewater Treatment Plant  
Lot 150 on Diagram 100538  
Anniebrook Road  
ANNIEBROOK WA 6280

#### PRESCRIBED PREMISES CATEGORY

Schedule 1 of the *Environmental Protection Regulations 1987*

CATEGORY	DESCRIPTION	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.	2 000 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.	10 000 tonnes per year

#### CONDITIONS OF LICENCE

Subject to the conditions of licence set out in the attached pages.

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

ISSUE DATE Thursday, 24 October 2013

COMMENCEMENT DATE: Friday, 1 November 2013

EXPIRY DATE: Monday, 31 October 2016

# **CONDITIONS OF LICENCE**

## ***Environmental Protection Act 1986***

LICENCE NUMBER: L7427/1998/8

FILE NUMBER: 2010/009218

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### **DEFINITIONS**

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

'advise' and 'inform' means advise and inform by telephone, e-mail or facsimile in writing;

'AS 3780' means the current version of Australian Standard 3780 – *The storage and handling of corrosive substances*;

'AS/NZS 5667' means the current version of Australian Standard / New Zealand Standard 5667 – *Water quality – Sampling*;

'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 Manager	
Department of Environment Regulation	
South West Regional Office	
PO Box 1693	Telephone: 9725 4300
BUNBURY WA 6231	Facsimile: 9725 4351

'inform' and 'advise' means inform or advise by telephone, e-mail or facsimile, from time to time;

'm<sup>3</sup>/day' and 'mg/L' means cubic metres per day and milligrams per litre, respectively;

'NATA' means National Association of Testing Authorities; and

'premises' means Lot 150 on Diagram 100538, Anniebrook Rd, Anniebrook (as depicted in Attachment 2).

# **CONDITIONS OF LICENCE**

## ***Environmental Protection Act 1986***

LICENCE NUMBER: L7427/1998/8

FILE NUMBER: 2010/009218

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### **GENERAL CONDITIONS**

#### **ANNUAL ENVIRONMENTAL REPORT**

- G1 The licensee shall provide to the Director by 1 September each year, an Annual Environmental Report containing data collected during the period beginning 1 July the previous year and ending on 31 June in that year. The report shall contain, but not be limited to:
- (i) monitoring data and other collected data required by any condition of this licence (data should be provided in tables and in graphical format);
  - (ii) an assessment of the monitoring data and other collected data required by any condition of this licence:
    - (a) in comparison with past monitoring data collected for the previous three (3) years; and
    - (b) known standards;
  - (iii) a summary of the number and type of complaints received, nature of complaint (cross referenced with prevailing wind directions), and action taken;
  - (iv) any issues raised from inspections or incident responses during the reporting period together with details as to how these have been addressed / rectified or, if the required work has yet to be completed, how and when they will be completed / rectified; and
  - (v) any changes to site boundaries, location of groundwater monitoring bores, surface drainage channels and on-site or off-site impacts or pollution.

#### **ANNUAL AUDIT COMPLIANCE REPORT**

- G2 The licensee shall by 1 September in each year, provide to the Director an Annual Audit Compliance Report in the form in Attachment 1 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 31 June in that year.

# **CONDITIONS OF LICENCE**

## ***Environmental Protection Act 1986***

LICENCE NUMBER: L7427/1998/8

FILE NUMBER: 2010/009218

### **WATER POLLUTION CONTROL CONDITIONS**

#### **MAINTENANCE OF WASTEWATER TREATMENT PLANT**

W1 The licensee shall manage the wastewater treatment plant in a manner such that:

- (i) uncontaminated stormwater runoff resulting from roof and site drainage shall be prevented from entering the wastewater treatment stream;
- (ii) overtopping of the IDEA wastewater treatment plant, storage dam or sludge lagoons shall not occur;
- (iii) there is no discernible seepage loss from the IDEA wastewater treatment plant, storage dam or sludge lagoons;
- (iv) floating debris and vegetation (emergent or otherwise) is removed and prevented from growing in the IDEA plant wastewaters or within the storage dam and sludge lagoons;
- (v) treated wastewater from the IDEA wastewater treatment plant is discharged to the storage dam;
- (vi) during the irrigation season, treated wastewater from the storage dam is irrigated over the onsite treelot, and
- (vii) treated wastewater not able to be irrigated is stored in the storage dam or is disinfected prior to discharge to Station Gully Drain.

#### **FLOW MONITORING DEVICE**

W2(a) The licensee shall operate, an accurate metering device for measuring the cumulative volume of treated wastewater discharged from the discharge points listed in column 2 of Table 1.

**Table 1: Discharge points from Dunsborough WWTP.**

<b>Column 1</b>	<b>Column 2</b>
<b>Ref</b>	<b>Discharge point</b>
DP1	Storage dam to the irrigation area
DP2	Storage dam into the Station Gully Drain
DP3	Irrigation area into the Station Gully Drain

W2(b) The licensee shall, using the measuring device required by condition W2(a), measure the monthly cumulative volume of treated wastewater (in cubic metres) discharged from the discharge points DP1 – DP3 listed in column 2 of Table 1.

# CONDITIONS OF LICENCE

## *Environmental Protection Act 1986*

LICENCE NUMBER: L7427/1998/8

FILE NUMBER: 2010/009218

### ENVIRONMENTAL MONITORING REQUIREMENTS

W3(a) The licensee shall maintain monitoring bores designated MB1 – MB13, at the locations depicted in Attachment 2, in a condition that will allow representative water samples to be collected in accordance with the relevant parts of AS/NZS 5667.

W3(b) The licensee shall, at the frequencies stated in column 2 of Table 2, take and have analysed representative water samples for the parameters listed in column 3 of Table 2, from the corresponding monitoring site listed in column 1 of Table 2.

**Table 2: Dunsborough WWTP Monitoring Requirements.**

Column 1	Column 2	Column 3
Monitoring site	Frequency	Parameter
Discharge points DP1, DP2, DP3 (as listed in column 2, Table 1 of condition W2(a))	Monthly	pH, Total Dissolved, Total Suspended Solids, 5-Day Biochemical Oxygen Demand, Total Nitrogen, Ammonium-nitrogen, Nitrate + Nitrite-nitrogen, Total Phosphorus and <i>E. coli</i> .
Station Gully Drain – sampling points SG02, SG06, SG07, SG08, SG09, SG11 (as depicted in Attachment 2)	Monthly (while discharging)	pH, Total Dissolved, Total Suspended Solids, 5-Day Biochemical Oxygen Demand, Total Nitrogen, Ammonium-Nitrogen, Nitrate + Nitrite-Nitrogen, Total Phosphorus and <i>E. coli</i> .
MB1, MB2, MB3, MB4, MB5, MB6, MB7, MB8, MB9, MB10, MB12, MB13 (as depicted in Attachment 3)	January April July October	Standing Water Level, pH, Total Dissolved, Total Nitrogen, Ammonium-Nitrogen, Nitrate + Nitrite-Nitrogen and Total Phosphorus.

With the exception of pH and *E. coli*, all measurements shall be reported in mg/L.

### SAMPLE ANALYSIS

W4(a) The licensee shall ensure that all water samples are collected, handled and preserved in accordance with the relevant parts of AS/NZS 5667.

W4(b) The licensee shall ensure that all water samples are analysed in accordance with the current "Standard Methods for Examination of Water and Wastewater," APHA-AWWA-WEF.

W4(c) The licensee shall ensure all water samples are analysed in a laboratory holding NATA accreditation for the analyses specified in condition W4(a).

# **CONDITIONS OF LICENCE**

## ***Environmental Protection Act 1986***

LICENCE NUMBER: L7427/1998/8

FILE NUMBER: 2010/009218

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### **IRRIGATION DISCHARGE CRITERIA**

- W5 The licensee shall ensure the nutrient loading rate on the on-site irrigation area does not exceed the following;
- (i) Nitrogen - 150 kilograms per hectare per year;
  - (ii) Phosphorus - 30 kilograms per hectare per year; and
  - (iii) 5-Day Biochemical Oxygen Demand – 30 kilograms per hectare per day.

### **CALCULATION OF CONTAMINANT LOAD**

- W6 The licensee shall, using the data collected in accordance with conditions W3(b), W4(a) – W4(c), determine the monthly load of the following parameters in wastewater discharged from the premises:
- (i) Total Dissolved Solids;
  - (ii) Total Suspended Solids;
  - (iii) 5-Day Biochemical Oxygen Demand;
  - (iv) Total Nitrogen; and
  - (v) Total Phosphorus.

All measurements are to be reported in kilograms per day (kg/day).

### **BUNDING AND CONTAINMENT**

- W7 The licensee shall store environmentally hazardous chemicals including alum and hypochlorite (where the total volume of each substance stored on the premises exceeds 250 litres) in accordance with AS 3780.

### **SOLID WASTE POLLUTION CONTROL CONDITIONS**

#### **SLUDGE MANAGEMENT AND DISPOSAL**

- S1(a) The licensee shall dispose of collected grit and screenings from the inlet works to a licensed landfill.
- S1(b) The licensee shall handle sewage sludge (biosolids) in the following manner:
- (i) store sludge from the treatment plant within clay or synthetically lined storage ponds; and
  - (ii) return sludge leachate back to the inlet of the treatment plant.
- S1(c) The licensee shall dispose of sludge and biosolids in accordance with the document *Western Australian Guidelines Biosolids Management*, Department of Environment and Conservation (December, 2012).



## ATTACHMENT 1 – ANNUAL AUDIT COMPLIANCE REPORT

LICENCE NUMBER: L7427/1998/8

FILE NUMBER: 2010/009218

### **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: \_\_\_\_\_

## ATTACHMENT 1 – ANNUAL AUDIT COMPLIANCE REPORT

LICENCE NUMBER: L7427/1998/8

FILE NUMBER: 2010/009218

### **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 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: \_\_\_\_\_

# ATTACHMENT 1 – ANNUAL AUDIT COMPLIANCE REPORT

LICENCE NUMBER: L7427/1998/8

FILE NUMBER: 2010/009218

## 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)

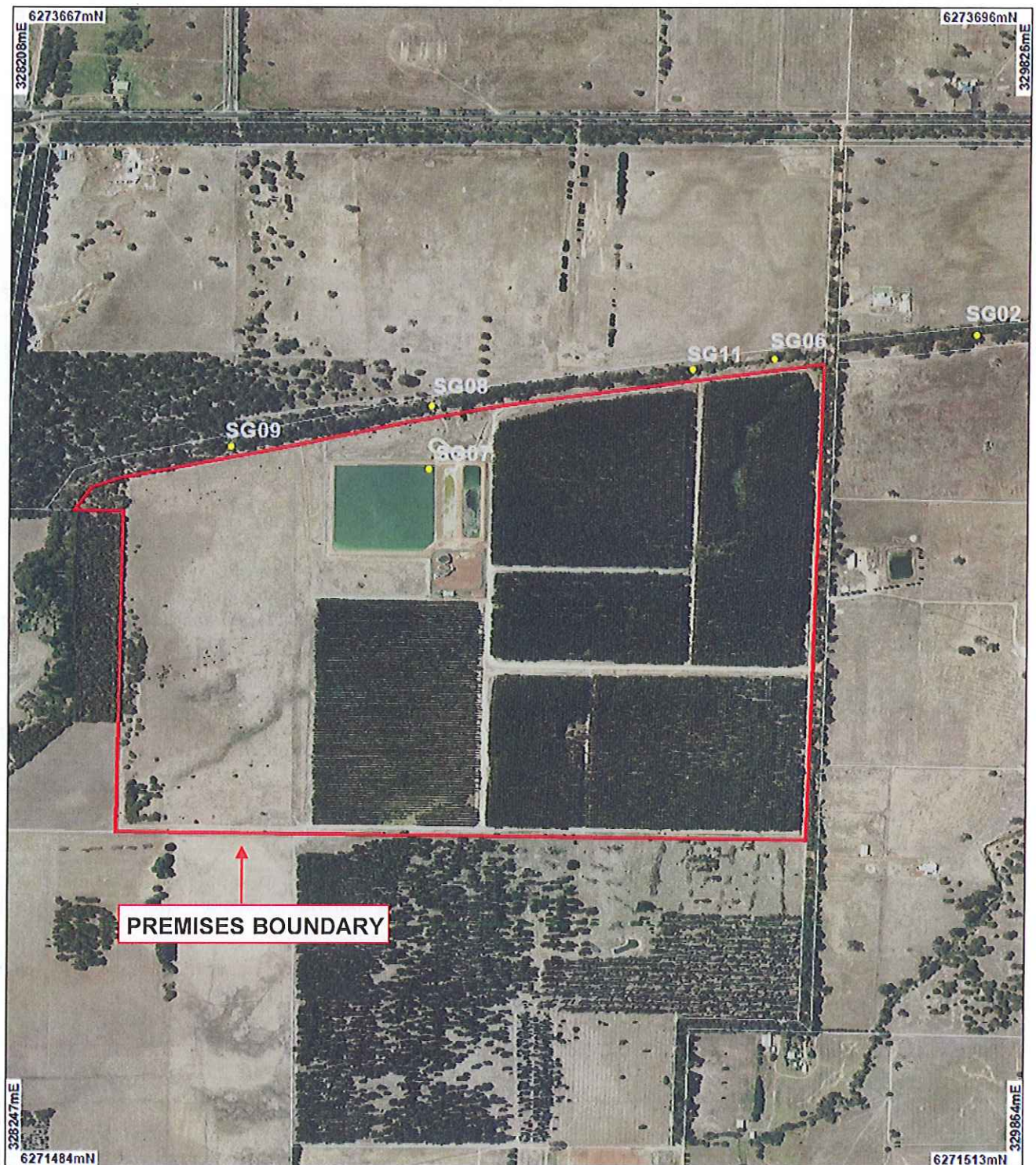


**ATTACHMENT 2**  
**PREMISES BOUNDARY AND LOCATION OF SURFACE WATER MONITORING POINTS**

LICENCE NUMBER: L7427/1998/8

FILE NUMBER: 2010/009218

**DUNSBOROUGH WASTEWATER TREATMENT PLANT**  
**LOT 150 ON DIAGRAM 100538, ANNIEBROOK RD, ANNIEBROOK**



# ATTACHMENT 3 – LOCATION OF GROUNDWATER MONITORING SITES

LICENCE NUMBER: L7427/1998/8

FILE NUMBER: 2010/009218

