



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

Your ref: L5995/1992/14
Our ref: DEC9638
Enquiries: Brad Cox
Phone: 08 9725 4300
Fax: 08 9725 4351
Email: bradley.cox@der.wa.gov.au

Mr Gordon Groth
Water Corporation
PO Box 100
LEEDERVILLE WA 6902

Dear Mr Groth

ENVIRONMENTAL PROTECTION ACT 1986: LICENCE GRANTED

Premises

Brunswick Wastewater Treatment Plant
Lot 5444 On Plan 216101, CLIFTON RD, BRUNSWICK WA 6224
Licence Number: L5995/1992/14

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

The licence includes attached conditions. Under Section 58(1) of the Act, it is an offence to contravene a condition of a licence. This offence carries a penalty of up to \$125,000 and a daily penalty of up to \$25,000

In accordance with section 102(1)(c) of the Act, you have 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 lodge an appeal contact the Office of the Appeals Convenor on 6467 5190 or by email at admin@appealsconvenor.wa.gov.au.

Where a licence is issued for more than one year it requires payment of an annual fee and will cease to have effect if the fee is unpaid. It is the occupier's responsibility to lodge a fee application and pay the annual fee in sufficient time to avoid incurring a late payment fee and for processing to be completed before the licence anniversary date. If you have any queries regarding the above information, please contact Brad Cox on 9725 4300.

Yours sincerely

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

Thursday, 24 October 2013

enc: *Environmental Protection Act 1986* Licence L5995/1992/14



LICENCE FOR PRESCRIBED PREMISES

Environmental Protection Act 1986

LICENCE NUMBER: L5995/1992/14

FILE NUMBER: DEC9638

LICENSEE AND OCCUPIER OF PREMISES

Water Corporation
629 Newcastle St
LEEDERVILLE WA 6902

NAME AND LOCATION OF PREMISES

Brunswick Wastewater Treatment Plant
Lot 5444 on Plan 216101
Clifton Road
BRUNSWICK WA 6224

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.	580 cubic metres per day

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: Wednesday, 31 October 2018

CONDITIONS OF LICENCE

Environmental Protection Act 1986

LICENCE NUMBER: L5995/1992/14

FILE NUMBER: DEC9638

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/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 Leader
Department of Environment Regulation
South West Regional Office
PO Box 1693
BUNBURY WA 6231
Email: southwestregion.industryregulation@der.wa.gov.au ;
Telephone: 9725 4300
Facsimile: 9725 4351;

'm³/day' and 'mg/L' means cubic metres per day and milligrams per litre, respectively; and

'NATA' means National Association of Testing Authorities; and

'premises' means Lot 5444 on Plan 216101, Clifton Rd, Brunswick (as depicted in Attachment 2).

CONDITIONS OF LICENCE

Environmental Protection Act 1986

LICENCE NUMBER: L5995/1992/14

FILE NUMBER: DEC9638

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 explanation 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.

DISCHARGE TO WATER

MAINTENANCE OF WASTEWATER TREATMENT PONDS

- W1 The licensee shall manage the wastewater treatment ponds in a manner such that:
- (i) uncontaminated stormwater resulting from site drainage shall be prevented from entering the wastewater treatment stream or causing erosion of outer pond embankments;
 - (ii) overtopping of the wastewater ponds shall not occur;
 - (iii) there is no discernible seepage loss from the wastewater treatment ponds or storage ponds;
 - (iv) floating debris and vegetation (emergent or otherwise) is removed and prevented from growing in the wastewater ponds; and
 - (v) trapped overflows shall be maintained on the discharge from all wastewater treatment ponds to prevent carry over of surface floating matter to subsequent ponds.

CONDITIONS OF LICENCE

Environmental Protection Act 1986

LICENCE NUMBER: L5995/1992/14

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FLOW MONITORING DEVICE

W2(a) The licensee shall maintain an accurate metering device for measuring the cumulative volume of treated wastewater discharged from the discharge point DP1, as depicted in Attachment 2.

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 point DP1.

MONITORING REQUIREMENTS

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

Table 1: Brunswick WWTP Monitoring Requirements.

Column 1	Column 2	Column 3
Monitoring site	Frequency	Parameter
Discharge point DP1 (as depicted in Attachment 2)	Monthly	pH, Total Dissolved Solids, Total Suspended Solids, 5-Day Biochemical Oxygen Demand, Total Nitrogen, Ammonium-nitrogen, Nitrate + Nitrite-nitrogen, Total Phosphorus and <i>E. coli</i> .
Agricultural Drain – sampling points AD001 (upstream) and AD002 (downstream) – as depicted in Attachment 2	Monthly (when discharge occurs)	pH, Total Nitrogen, Total Phosphorus and <i>E. coli</i> .

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 W3.

CONDITIONS OF LICENCE

Environmental Protection Act 1986

LICENCE NUMBER: L5995/1992/14

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CALCULATION OF CONTAMINANT LOAD

W5 The licensee shall, using the data collected in accordance with conditions W3, W4(a) to 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).

MANAGEMENT OF LAND DISPOSAL AREAS

W6 The licensee shall manage the land disposal area such that:

- (i) the distribution of treated wastewater is maximised; and
- (ii) effluent channels are kept clear of excessive sludge build-up.

SOLID WASTE POLLUTION CONTROL CONDITIONS

POND AND SOLIDS MANAGEMENT

S1(a) The licensee shall dispose of collected vegetation and floating debris from the treatment ponds to a licensed landfill.

S1(b) The licensee shall:

- (i) inform the Director no less than seventy-two (72) hours prior to taking a treatment pond offline for maintenance works;
- (ii) inform the Director no less than fourteen (14) days prior to the removal of sewage sludge from a treatment pond; and
- (iii) where sewage sludge is temporarily stored on-site, direct sewage sludge to a hard-stand area which:
 - (a) is adequately bunded to prevent surface runoff of leachate or sludge from crossing the boundary of the premises; and
 - (b) returns sludge leachate from the storage area back to the treatment ponds.

ATTACHMENT 1 – ANNUAL AUDIT COMPLIANCE REPORT

LICENCE NUMBER: L5995/1992/14

FILE NUMBER: DEC9638

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: L5995/1992/14

FILE NUMBER: DEC9638

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"/> No
<input type="checkbox"/> Reported to DER in writing Date _____	
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: L5995/1992/14

FILE NUMBER: DEC9638

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: ____/____/____

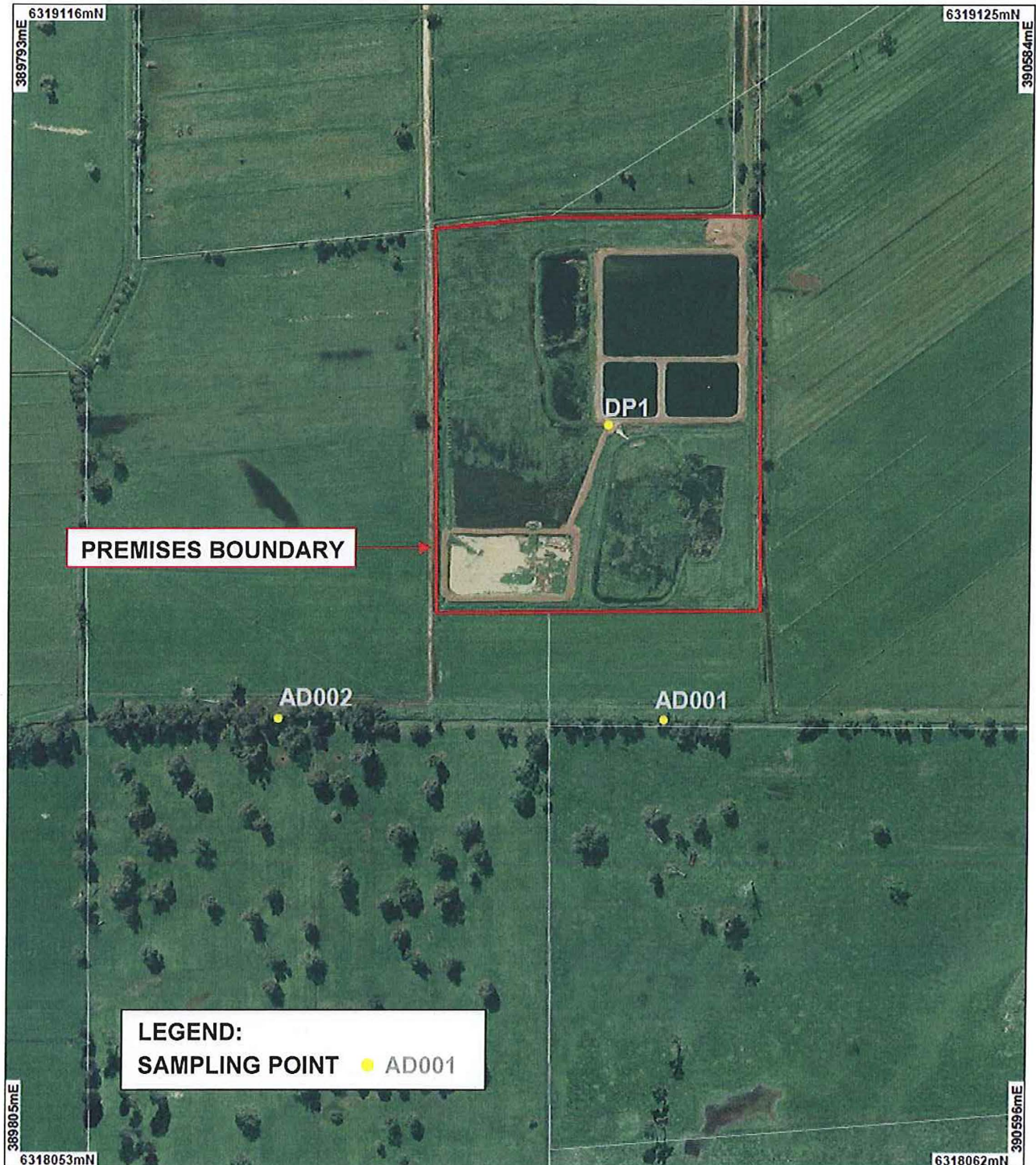
SEAL (if signing under seal)

ATTACHMENT 2 – LOCATION OF MONITORING SITES

LICENCE NUMBER: L5995/1992/13

FILE NUMBER: DEC9638

BRUNSWICK WASTEWATER TREATMENT PLANT
LOT 5444 ON PLAN 216101, CLIFTON RD, BRUNSWICK



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