



Government of **Western Australia**
Department of **Environment and Conservation**

Your ref: L6870/1993/12
Our ref: NWK2029-02
Enquiries: Brad Cox
Phone: 9182 2034
Fax: 9144 1118
Email: Bradley.Cox@dec.wa.gov.au

The Manager
Shire of East Pilbara
PMB 22
NEWMAN WA 6873

Attention: Mr M Rowe

Dear Sir/Madam

ENVIRONMENTAL PROTECTION ACT 1986 – LICENCE L6870/1993/12

**Newman Wastewater Treatment Plant
Crown Reserve 45776, Windell Location 144, Lot 144 on Plan 192902
Newman WA 6873**

You are advised that your application for a licence to operate the works prescribed under the *Environmental Protection Act 1986* at the above-mentioned location has been approved subject to the attached conditions. Enclosed is your licence number **L6870/1993/12**.

If any aspect of the conditions of licence aggrieves you, you may lodge an appeal, accompanied by the \$50.00 fee, with the Minister for the Environment within 21 days from the date on which this licence is received. Members of the public may also appeal conditions. Please contact the Appeals Registrar at the Office of the Appeals Convenor on 6467 5190 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. The Department considers that a breach of this section, or any other section, of the *Environmental Protection Act 1986* to be extremely serious.

If you have any questions relating to the licence or licence conditions, please do not hesitate to contact Bradley Cox on 9182 2034 for clarification or discussion of any grievances you have.

Yours sincerely

Peter Vasel
Manager, Works Approval & Emissions Licensing Section

Thursday, 21 July 2011

enc:

copy to: Local Government Authority: Shire of East Pilbara

DIRECTOR GENERAL AND ENVIRONMENTAL SERVICES DIVISIONS: The Atrium, 168 St Georges Terrace, Perth, Western Australia 6000
Phone: (08) 6467 5000 Fax: (08) 6467 5562 TTY: 1880 555 630

PARKS AND CONSERVATION SERVICES DIVISIONS: Executive: Corner of Australia II Drive and Hackett Drive, Crawley, Western Australia 6009
Phone: (08) 9442 0300 Fax: (08) 9386 1578 Operations: 17 Dick Perry Avenue, Technology Park, Kensington, Western Australia 6151

Phone: (08) 9219 8000 Fax: (08) 9334 0498 TTY: 9334 0546

POSTAL ADDRESS FOR ALL DIVISIONS: Locked Bag 104, Bentley Delivery Centre, Western Australia 6983

www.dec.wa.gov.au

wa.gov.au

WESTERN AUSTRALIA

DEPARTMENT OF ENVIRONMENT AND CONSERVATION

Environmental Protection Act 1986

LICENCE

LICENCE NUMBER: L6870/1993/12

FILE NUMBER: NWK2029-02

NAME OF OCCUPIER:

Shire of East Pilbara

ADDRESS OF OCCUPIER:

PMB 22
NEWMAN WA 6873

NAME AND LOCATION OF PREMISES:

Newman Waste Water Treatment Plant
Crown Reserve 45776, Windell Location 144, Lot 144 on Plan 192902
Newman WA 6873
(as depicted in Attachment 2)

Environmental Protection Regulations 1987

CLASSIFICATION(S) OF PREMISES:

Category 54 : Sewage facility

COMMENCEMENT DATE OF LICENCE: Saturday, 30 July 2011

EXPIRY DATE OF LICENCE: Friday, 29 July 2016

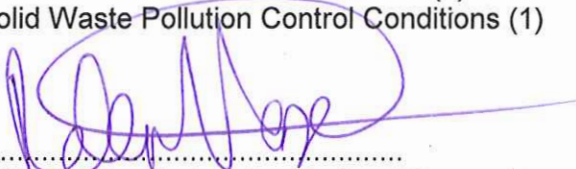
CONDITIONS OF LICENCE:

As described and attached:

General Condition (3)

Water Pollution Control Conditions (7)

Solid Waste Pollution Control Conditions (1)


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

Date of Issue: Thursday, 21 July 2011

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LICENCE NUMBER: L6870/1993/12

FILE NUMBER: NWK2029-02

PREAMBLE

Applicability

This licence is issued to the Shire of East Pilbara for the Newman Wastewater Treatment Plant (WWTP) located at Crown Reserve 45776, Windell Location 144, Lot 144 on Plan 192902, Newman, Western Australia (Attachment 2), which is a prescribed premises within Schedule 1 of the Environmental Protection Regulations 1987, and includes but is not necessarily limited to, the following operations:

- Treatment and/or discharge of sewage.

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

Table 1: Categories under which Newman WWTP is prescribed.

<i>Category number</i>	<i>Category name</i>	<i>Description</i>
54	Sewage facility	Premises on which sewage is treated or from which treated sewage is discharged onto land or into waters.

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 or regulations. This includes:

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

CONDITIONS OF LICENCE

DEFINITIONS

In these Conditions of Licence, unless inconsistent with the text or subject matter:

"Australian Standard 5667" means the most recent version and relevant part of AS/NZS 5667;

"APHA-AWWA-WEF" means American Public Health; American Water Works Association; Water Environment Federation;

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

"Director" or "Department of Environment and Conservation" for the purpose of correspondence means:

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Regional Leader – Industry Regulation, Pilbara Region
Department of Environment and Conservation
PO Box 835
KARRATHA WA 6714
Telephone: (08) 9182 2000
Facsimile: (08) 9144 2610;

"extreme rainfall events" means 1 in 10 year rainfall event of 72 hours duration;

"inform" means notify in writing and includes notification via facsimile;

"mg/L" means milligrams per litre;

"NATA" means the National Association of Testing Authorities; and

"WWTP" means wastewater treatment plant.

GENERAL CONDITION

ANNUAL REPORT

- 1 The licensee shall provide to the Director, a copy of the Annual Environmental Report (AER) containing the monitoring data and other collected data required by any condition of this licence by **1 November** each year. This report shall cover the previous 12 month period from 1 September to 31 August and outline how compliance with licence conditions was achieved throughout the reporting period.
- 2 The licensee shall by **1 November** in each year, provide to the Director an Annual Audit Compliance Report (AACR) 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 September the previous year and ending on 31 August in that year.

ODOUR EMISSIONS

- 3 The licensee shall ensure that odour emitted from the premises does not unreasonably interfere with the health, welfare, convenience, comfort or amenity of any person who is not on the premises.

WATER POLLUTION CONTROL CONDITIONS

- 4 The licensee shall manage the WWTP in a manner such that:
 - (i) stormwater runoff resulting from roof and site drainage does not enter the wastewater treatment tanks;
 - (ii) extreme rainfall events do not cause overtopping of the treatment tanks;
 - (iii) there is no discernible seepage loss from the plant; and
 - (iv) vegetation and floating debris (emergent or otherwise) shall be prevented from growing within treatment tanks.

WASTEWATER DISCHARGE POINT

- 5 The licensee shall discharge all effluent from the WWTP, through the effluent pipe to a holding pond(s), prior to irrigation.

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FLOW MONITORING DEVICE

- 6(a) The licensee shall maintain a suitable device for measuring monthly cumulative volumes of effluent discharged from the WWTP.
- 6(b) The licensee shall ensure that the monthly cumulative flow results referred to in condition 6(a) are presented in the next AER required by condition 1 in a tabular form.

SAMPLING REQUIREMENTS

- 7(a) The licensee shall, every three months, collect a representative sample of treated wastewater being discharged from the WWTP to the holding pond(s), prior to irrigation. The levels of the parameters in column 1 of Table 2 shall be determined in the units of column 2 of Table 2.

Table 2: Parameters to be determined.

Column 1	Column 2
Parameter	Units
pH	pH units
Total Suspended Solids	mg/L
Total Dissolved Solids	mg/L
5-Day Biochemical Oxygen Demand	mg/L
Total Nitrogen	mg/L
Total Phosphorous	mg/L
<i>E coli.</i> bacteria	cfu / 100mL

- 7(b) The results required by condition 7(a) shall be presented in the AER.

CALCULATION OF CONTAMINANT LOAD

- 8 The licensee shall determine the monthly load of each contaminant in the effluent discharged from the WWTP (except pH and bacteria) using flow weighted data. The loads shall be based on the effluent discharge rate and the concentration as measured in accordance with conditions 6(a), 6(b) 7(a) and 7(b). Monthly and annual average loads of the contaminants shall be reported in the AER required by condition 1 in kilograms per day.

GENERAL MONITORING REQUIREMENTS

- 9(a) The licensee shall collect and preserve all water samples in accordance with Australian Standard 5667.
- 9(b) The licensee shall submit all water samples to a laboratory with current NATA accreditation for the analyses specified in these conditions, and have them analysed in accordance with the current "Standard Methods for Examination of Water and Wastewater-APHA-AWWA-WEF".

EMERGENCY STORAGE FACILITY

- 10(a) The licensee shall ensure that during periods of plant failure or maintenance, the licensee shall direct wastewater to the impervious storage facility, which has a minimum capacity of 5000 cubic metres (5 days nominal flow).

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- 10(b) Upon completion of the period of plant failure or maintenance as referred to in condition 10(a), the licensee shall direct collected wastewater to the inlet works of the plant for treatment.

SOLID WASTE POLLUTION CONTROL CONDITIONS

DISPOSAL OF SLUDGE MATERIAL

- 11 The licensee shall ensure that any sludge removed from the wastewater ponds is disposed of in accordance with the *Western Australian Guidelines for Direct Land Application of Biosolids and Biosolids Products*, February 2002 or to an approved facility.



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

Date of Issue: Thursday, 21 July 2011

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ATTACHMENT 1: ANNUAL AUDIT COMPLIANCE REPORT

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 DEC?	
<input type="checkbox"/> Yes <input type="checkbox"/> Reported to DEC verbally Date _____	<input type="checkbox"/> No
<input type="checkbox"/> Reported to DEC in writing Date _____	
d) Has DEC 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: _____

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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"/> <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 and Conservation 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 and Conservation.
A corporation	<input type="checkbox"/> <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 and Conservation.
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 and Conservation.
a local government	<input type="checkbox"/> <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.

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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: _____

NAME: _____

(printed) _____

(printed) _____

POSITION: _____

POSITION: _____

DATE: ____/____/____

DATE: ____/____/____

SEAL (if signing under seal)

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ATTACHMENT 2: PLAN OF PREMISES

