



Government of Western Australia  
Department of Environment and Conservation

Your ref: L6326/1991/3  
Our ref: 2010/5966  
Enquiries: HPhillips  
Phone: 9333 7525  
Fax: 9333 7550  
Email:

The Manager  
Water Corporation  
PO Box 100  
LEEDERVILLE WA 6007

Dear Sir/Madam

**ENVIRONMENTAL PROTECTION ACT 1986 – LICENCE L6326/1991/3**

**Water Corporation**  
**Lancelin Wastewater Treatment Plant, Lot 1 on Diagram 66878 Lancelin Road**  
**L6326/1991/3**

Your application for a licence under Part V of the *Environmental Protection Act 1986* for the above premises works has been issued subject to the attached conditions. Enclosed is your licence number **L6326/1991/3**

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 Hywel Phillips on 9333 7510

Yours sincerely

Peter Vasel  
Manager, Works Approval & Emissions Licensing Section

Thursday, 16 June 2011

enc: Licence **L6326/1991/3**  
copy to: Local Government Authority: Shire of Gingin

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

PPMS\_TL0422 v1.2  
XDECL001

**WESTERN AUSTRALIA**  
**DEPARTMENT OF ENVIRONMENT AND CONSERVATION**

*Environmental Protection Act 1986*

**LICENCE**

**LICENCE NUMBER: L6326/1991/3**

**FILE NUMBER: 2010/5966**

**NAME OF OCCUPIER:**

Water Corporation

**ADDRESS OF OCCUPIER:**

POBox 100  
LEEDERVILLE WA 6902

**NAME AND LOCATION OF PREMISES:**

Lancelin Wastewater Treatment Plant  
Lot 1 on Diagram 66878 Lancelin Road,  
LANCELIN WA 6044  
(as depicted in Attachment 1)

---

***Environmental Protection Regulations 1987***

**CLASSIFICATION(S) OF PREMISES:**

Category 54 : Sewage facility

Category 61 : Liquid waste facility

---

**COMMENCEMENT DATE OF LICENCE:** Thursday, 16 June 2011

**EXPIRY DATE OF LICENCE:** Wednesday, 15 June 2016

---

**CONDITIONS OF LICENCE:**

As described and attached:

GENERAL CONDITION(S): 3

WATER POLLUTION CONTROL CONDITION(S): 3

SOLID WASTE DISPOSAL CONDITION(S): 1



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

Date of Issue: Thursday, 16 June 2011

# WESTERN AUSTRALIA

## DEPARTMENT OF ENVIRONMENT AND CONSERVATION

*Environmental Protection Act 1986*

**LICENCE NUMBER: L6326/1991/3**

**FILE NUMBER: 2010/5966**

### PREAMBLE

*The following statements in this Preamble either paraphrase sections of the Environmental Protection Act 1986 or 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 Lancelin Wastewater Treatment Plant (WWTP) located at Lot 1 on Diagram 66878 Lancelin Road, Lancelin, 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:

- Sewage treatment; and
- Liquid waste treatment.

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

**Table 1: Category under which Lancelin WWTP is prescribed.**

| <i>Category number</i> | <i>Category name</i>  | <i>Description</i>   |
|------------------------|-----------------------|--|
| 61                     | Liquid waste facility | Premises on which liquid waste produced on other premises (other than sewerage waste) is stored, reprocessed, treated or irrigated.                |
| 54                     | Sewage facility       | Premises –<br>(a) on which sewage is treated (excluding septic tanks); or<br>(b) from which treated sewage is discharged onto land or into waters. |

#### **Nominal Rated Throughput**

The nominated throughput of the premises covered by this licence is in accordance with the following:

- Quantity of liquid waste accepted for treatment: more than 100 but less than 10,000 tonnes per year
- Quantity of sewage waste accepted for treatment: less than 200 cubic metres per day

#### **Odour Control**

The licence holder should manage and operate the premises such that odours emanating from the premises do not unreasonably interfere with the health, welfare, convenience, comfort or amenity of any person at an odour sensitive premises

#### **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*.

#### **Emergency, Accident or Malfunction**

The licensee should inform the Director as soon as practicable of the identification 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.

# WESTERN AUSTRALIA

## DEPARTMENT OF ENVIRONMENT AND CONSERVATION

*Environmental Protection Act 1986*

**LICENCE NUMBER: L6326/1991/3**

**FILE NUMBER: 2010/5966**

### **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.

### **General Requirements**

The following statements reflect important sections of the *Environmental Protection Act 1986* and are included for the information of the licensee:

- The licensee should take all reasonable and practicable measures to prevent pollution of the environment.
- Noise emissions from operations on site are required to comply with the *Environmental Protection (Noise) Regulations 1997*.
- The licensee should take all reasonable and practicable measures to prevent or minimise the discharge of waste and the emission of noise or odours from the premises.
- The licensee should inform the Director at least 24 hours prior to the commencement of any planned non-standard operations, which may have the potential to cause pollution.

## **CONDITIONS OF LICENCE**

### **DEFINITIONS**

In these conditions of licence:

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

"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;

"BGL" means below ground level;

"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" and "Department of Environment and Conservation" for the purpose of correspondence means-

Program Manager,  
Swan Region  
Department of Environment and Conservation  
Postal Address:  
Locked Bag 104  
BENTLEY DC WA 6983

181 – 205 Davy Street  
BOORAGOON, WA 6983

Telephone: (08) 9333 7525  
Facsimile: (08) 9333 7550;

'extreme rainfall event' means a 72-hour, 1 in 10-year rainfall event;

'licensee' means the Water Corporation;

# WESTERN AUSTRALIA

## DEPARTMENT OF ENVIRONMENT AND CONSERVATION

*Environmental Protection Act 1986*

**LICENCE NUMBER: L6326/1991/3**

**FILE NUMBER: 2010/5966**

"liquid waste" for the purpose of this licence means waste derived from a septic tank or grease trap;

"NATA" means National Association of Testing Authorities;

"premises" means Lancelin Wastewater Treatment Plant, located at Lot 1 on Diagram 66878 Lancelin Road, Lancelin (as depicted in Attachment 1);

"sewage waste" means human excreta or domestic waterborne waste; and

"wastewater treatment plant sludge" means, for the purpose of this licence, semi-solid material or precipitate produced in the wastewater treatment ponds as a result of the sewage waste and liquid waste treatment process.

### GENERAL CONDITIONS

#### REPORTING REQUIREMENTS

G1(a) The licensee shall provide the Director with an Annual Monitoring Report containing the monitoring data or other collected data required by any condition of this licence. The report shall contain data collected from each financial year (1 July to 30 June) and shall be provided by 1 September each year.

G1(b) The licensee shall ensure that the Annual Monitoring Report specified in part (a) of this condition shall include, but not be limited to:

- (i) an analysis of the data against any limits set in this licence; and
- (ii) a description of any monitoring methods used to collect and analyse data required by any condition of this licence to demonstrate they comply with the methods specified in this licence.

#### ANNUAL AUDIT COMPLIANCE REPORT

G3 The licensee shall by 1 February 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 January in the previous year and ending on 31 December in that year.

### WATER POLLUTION CONTROL CONDITIONS

#### WASTEWATER TREATMENT

W1 The licensee shall direct all liquid waste and sewage waste received at the premises to the wastewater treatment ponds (as depicted in Attachment 1).

#### GROUNDWATER SAMPLING REQUIREMENTS

W2(a) The licensee shall collect groundwater samples at the monitoring sites and at the frequencies stated and have them analysed for the parameters listed in Table 2.

Table 2 Groundwater monitoring

| Monitoring Sites <sup>1</sup>   | Sampling Frequency | Parameters to be measured  |
|---------------------------------|--------------------|--|
| Monitoring Bores:<br>MB1<br>MB2 | 6 monthly          | Total Nitrogen (mg/L)<br>Total Phosphorus (mg/L)<br>Total Dissolved Solids (mg/L)<br>Depth to Groundwater (metres AHD)<br>pH |

WESTERN AUSTRALIA

DEPARTMENT OF ENVIRONMENT AND CONSERVATION

*Environmental Protection Act 1986*

**LICENCE NUMBER: L6326/1991/3**

**FILE NUMBER: 2010/5966**

- 1 See Attachment 1 for sampling locations
- W2(b) The licensee shall ensure that all groundwater samples, referred to in condition W2(a), are collected in accordance with Australian Standard 5667.
- W2(c) The licensee shall ensure that all groundwater samples, referred to in condition W2(a), shall be analysed in a laboratory holding NATA accreditation for the analyses specified.
- W2(d) The licensee shall ensure that all groundwater samples, referred to in condition W2(a), shall be analysed in accordance with the current "Standard Methods for Examination of Water and Wastewater, APHA-AWWA-WEF.

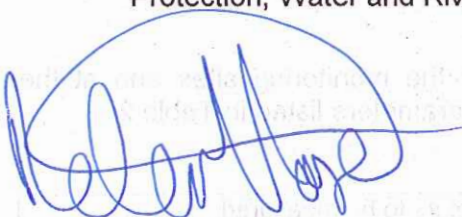
**MANGEMENT OF THE WASTEWATER STORAGE PONDS**

- W3 The licensee shall manage and operate the wastewater treatment ponds in a manner such that:
- (i) uncontaminated stormwater runoff resulting from roof and site drainage is prevented from entering the treatment ponds;
  - (ii) overtopping of the ponds shall not occur except as a result of extreme rainfall events; and
  - (iii) there is no discernible seepage loss from the ponds.

**SOLID WASTE DISPOSAL CONDITIONS**

**POND AND SOLIDS MANAGEMENT**

- S1(a) The licensee shall dispose of collected vegetation and floating debris from the treatment ponds to an appropriate landfill facility.
- S1(b) Where wastewater treatment plant sludge is temporarily stored on-site, the licensee shall direct wastewater treatment plant sludge to a hard-stand area or approved drying bed which:
- (a) is adequately bunded to prevent surface runoff of leachate or sludge from crossing the boundary of the premises;
  - (b) where possible returns sludge leachate from the storage area back to the treatment ponds.
- S1(c) The licensee shall dispose of wastewater treatment plant sludge and biosolids in accordance with the document *Western Australian Guidelines for Direct Land Application of Biosolids and Biosolids Products*, Department of Environmental Protection, Water and Rivers Commission and Department of Health (February, 2002).



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

WESTERN AUSTRALIA

DEPARTMENT OF ENVIRONMENT AND CONSERVATION

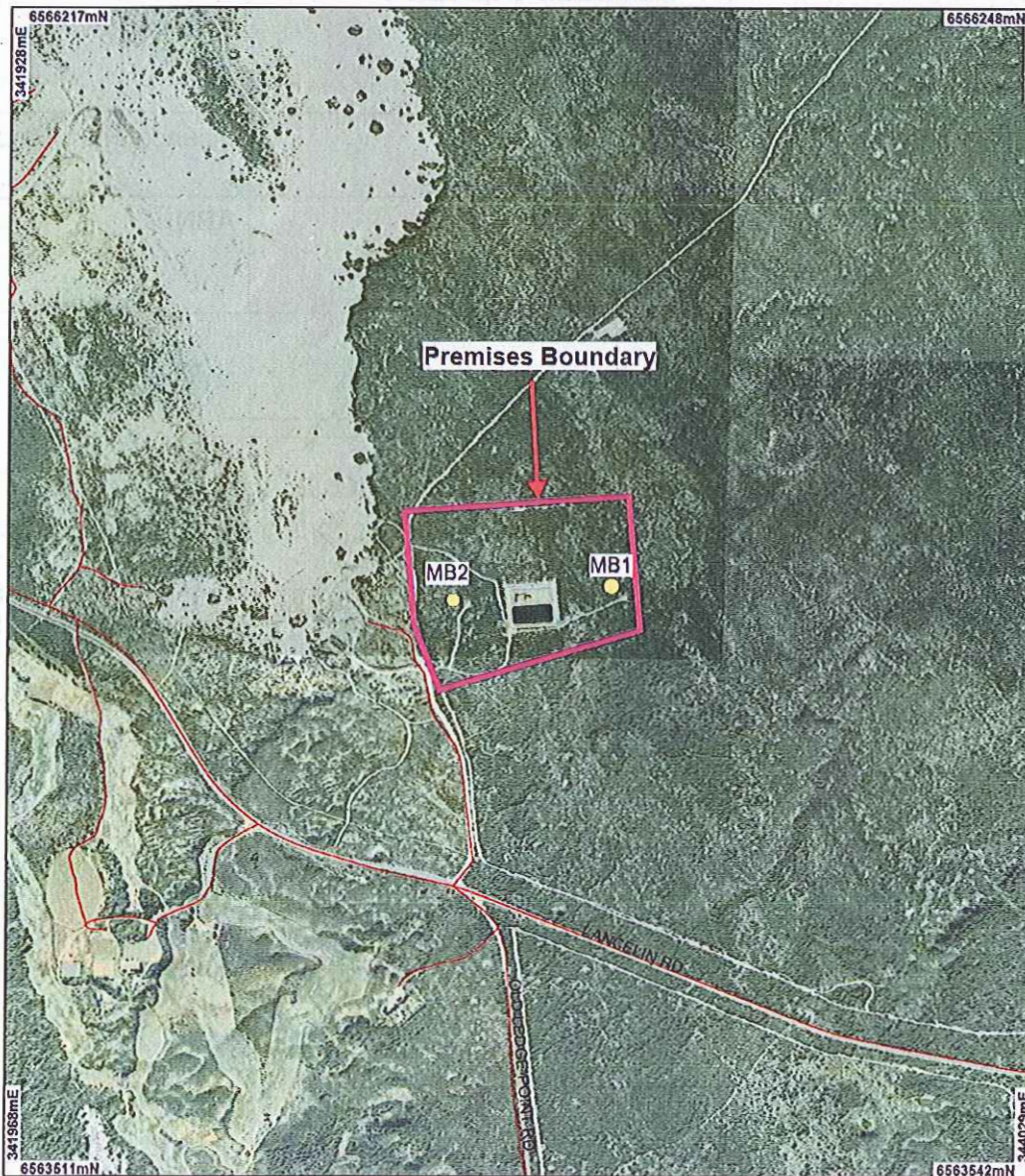
Environmental Protection Act 1986

LICENCE NUMBER: L6326/1991/3

FILE NUMBER: 2010/5966

ATTACHMENT 1:

Plan of Premises



**LEGEND**

- Local Government Authorities
- Swan River Trust Act, Swan River Trust Management Area
- Road Centrelines

Ungun 1m Orthomosaic - Landgate 2009

Scale 1:12500  
(Approximate when reproduced at scale)  
Geocentric Datum Australia 1994  
Note: the data in this map have not been projected. This may result in geometric distortion or measurement inaccuracies.  
Prepared by: sarahbo  
Prepared for:  
Date: 16/06/2011 11:40:42 AM

Information derived from this map should be confirmed with the data custodian acknowledged by the agency acronym in the legend.

Department of Environment and Conservation  
Our environment, our future  
WA Green Copyright 2002

\* Project Data. This data has not been quality assured. Please contact map author for details.

WESTERN AUSTRALIA

DEPARTMENT OF ENVIRONMENT AND CONSERVATION

*Environmental Protection Act 1986*

LICENCE NUMBER: L6326/1991/3

FILE NUMBER: 2010/5966

ATTACHMENT 2 – ANNUAL AUDIT COMPLIANCE REPORT

**SECTION A**

**LICENCE DETAILS**

|                                     |                      |
|-------------------------------------|----------------------|
| Licence Number:                     | Licence File Number: |
| Company Name:                       | ABN:                 |
| Trading as:                         |                      |
| Reporting period:<br>_____ 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 AND CONSERVATION

Environmental Protection Act 1986

LICENCE NUMBER: L6326/1991/3

FILE NUMBER: 2010/5966

**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"/> Reported to DEC in writing Date _____                                 | <input type="checkbox"/> No                                  |
| d) Has DEC 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: \_\_\_\_\_

WESTERN AUSTRALIA

DEPARTMENT OF ENVIRONMENT AND CONSERVATION

Environmental Protection Act 1986

LICENCE NUMBER: L6326/1991/3

FILE NUMBER: 2010/5966

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.

Table with 2 columns: 'If the licence holder is' and 'The Annual Audit Compliance Report must be signed and certified:'. Rows include: an individual, A firm or other unincorporated company, A corporation, A public authority (other than a local government), and a 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)