



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

Your ref: L4214/1992/10  
Our ref: DEC2249  
Enquiries: Hywel Phillips  
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Fax: 9333 7550  
Email: [hywel.phillips@der.wa.gov.au](mailto:hywel.phillips@der.wa.gov.au)

The Manager  
Water Corporation  
PO Box 100  
LEEDERVILLE WA 6902

Dear Sir/Madam

**ENVIRONMENTAL PROTECTION ACT 1986, - LICENCE GRANTED**

**Yanchep Wastewater Treatment Plant**  
**Lot 354 on Plan 192455 Digby Way**  
**Yanchep WA 6035**  
**Part Lot 312 On plan 21931 Two Rocks Road**  
**Yanchep, WA 6035**

A licence under the *Environmental Protection Act 1986* (the Act) has been granted for the above premises. The Department of Environment 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](mailto: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 Hywel Phillips at the Swan region on 9333 7525.

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 L4214/1992/10  
copy to: Local Government Authority: City of Wanneroo

1. The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that proper record-keeping is essential for the transparency and accountability of the organization. This section also outlines the various methods used to collect and analyze data, ensuring that the information is reliable and up-to-date.

2. The second part of the document focuses on the financial aspects of the organization. It provides a detailed overview of the budget, including the projected income and expenses for the upcoming year. This section also discusses the various financial risks and how they are being managed to ensure the organization's financial stability.

3. The third part of the document addresses the operational aspects of the organization. It describes the various processes and procedures that are in place to ensure the efficient and effective delivery of services. This section also discusses the various challenges that the organization is facing and how they are being addressed.

4. The fourth part of the document discusses the human resources aspect of the organization. It provides an overview of the current staff levels and the various training and development programs that are in place. This section also discusses the various challenges that the organization is facing in terms of recruitment and retention of staff.

5. The fifth part of the document discusses the legal and regulatory aspects of the organization. It provides an overview of the various laws and regulations that the organization is subject to and how they are being managed. This section also discusses the various challenges that the organization is facing in terms of compliance with these laws and regulations.

6. The sixth part of the document discusses the environmental and social aspects of the organization. It provides an overview of the various environmental and social issues that the organization is facing and how they are being managed. This section also discusses the various challenges that the organization is facing in terms of addressing these issues.

7. The seventh part of the document discusses the overall performance of the organization. It provides an overview of the various key performance indicators (KPIs) that are being used to measure the organization's performance. This section also discusses the various challenges that the organization is facing in terms of improving its performance.

8. The eighth part of the document discusses the future of the organization. It provides an overview of the various strategic initiatives that are being implemented to ensure the organization's long-term success. This section also discusses the various challenges that the organization is facing in terms of achieving these initiatives.

9. The ninth part of the document discusses the conclusion of the document. It summarizes the key findings of the document and provides a final overview of the organization's performance and future prospects.

10. The tenth part of the document discusses the appendix. It provides a detailed overview of the various data and information that is used throughout the document. This section also includes a list of references and a list of figures and tables.

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

*Environmental Protection Act 1986*

**ISSUED LICENCE**

**LICENCE NUMBER: L4214/1992/10**

**FILE NUMBER: DEC2249**

**LICENSEE AND OCCUPIER:**

Water Corporation  
629 Newcastle Street  
LEEDERVILLE, WA 6007

**NAME AND LOCATION OF PREMISES:**

Yanchep Wastewater Treatment Plant  
Lot 354 on Plan 11497 Capilano Avenue  
Yanchep WA 6035  
Part of Lot 312 on Plan 21931, Two Rocks Road  
Yanchep WA 6035  
(as depicted in attachments 1 & 2)

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***Environmental Protection Regulations 1987***

**CLASSIFICATION(S) OF PREMISES:**

Category: 54 Sewage facility

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**COMMENCEMENT DATE OF LICENCE:** Thursday, 31 October 2013

**EXPIRY DATE OF LICENCE:** Tuesday, 30 October 2018

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**CONDITIONS OF LICENCE:**

As described and attached:

**DEFINITION(S)**

**GENERAL CONDITION(S): 2**

**WATER CONTROL CONDITION(S): 6**

**SOLID WASTE CONTROL CONDITION(S): 1**

**ATTACHMENT(S): 3**

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

Date of Issue: Thursday, 24 October 2013



**WESTERN AUSTRALIA**  
**DEPARTMENT OF ENVIRONMENT REGULATION**

*Environmental Protection Act 1986*

**LICENCE NUMBER: L4214/1992/10**

**FILE NUMBER: DEC2249**

**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 Water Corporation for the Yanchep Wastewater Treatment Plant, Lot 354 on Plan 11497 Capilano Avenue Attachment 1, Yanchep and corresponding wastewater infiltration ponds located on a portion of Lot 312 on Plan 21931, Two Rocks Road, Yanchep, as indicated on Attachment 2. Lot 312 on Plan 21931 Two Rocks Road, Yanchep is owned by Tokyu Corporation, however the Water Corporation occupies an easement, which is fenced off from the rest of the block, on this property.

This licence comprises conditions relating to, but not necessarily limited to, the following activities:

- Treatment of sewage using an IDEA treatment plant to an advanced secondary standard; and
- Treated wastewater disposal to a series of infiltration ponds on Lot 312 on Plan 21931, Two Rocks Road, Yanchep.

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

**Table 1: Category under which Yanchep Wastewater Treatment Plant is prescribed.**

Category	Category 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.

**Nominal Rated Throughput**

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

- Treatment Plant capacity: 600 cubic metres per day
- Quantity of sewage treated: 200 cubic metres per day

**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.

**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 or 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.

**WESTERN AUSTRALIA**  
**DEPARTMENT OF ENVIRONMENT REGULATION**

*Environmental Protection Act 1986*

**LICENCE NUMBER: L4214/1992/10**

**FILE NUMBER: DEC2249**

**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, odours or electromagnetic radiation 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 or Australian Standard" means the most recent version (unless otherwise stated) of the specified Australian Standard published by Standards Australia International Ltd. Sydney;

"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;

"IDEA" means intermittently decanted extended aeration;

"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" for the purpose of correspondence and advice means:

Regional Leader, Industry Regulation, Swan Region  
Department of Environment Regulation  
Locked Bag 33  
CLOISTERS SQUARE WA 6850

Telephone: 08 9333 7510

Facsimile: 08 9333 7550

Email: Booragoon2@der.wa.gov.au

"mg/L or milligrams per litre" means the concentration of an aqueous solution and is the ratio of the mass of specific solute to the volume of solution (not solvent); and

'NATA' means National Association of Testing Authorities.

## WESTERN AUSTRALIA

### DEPARTMENT OF ENVIRONMENT REGULATION

*Environmental Protection Act 1986*

**LICENCE NUMBER: L4214/1992/10**

**FILE NUMBER: DEC2249**

#### GENERAL CONDITIONS

##### ANNUAL AUDIT COMPLIANCE REPORT

- G1 The Licensee shall by **1 September each year**, provide to the Director an Annual Audit Compliance Report in the form of Attachment 3 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 **July 1** the previous year and ending on **June 30** in the following year.

##### REPORTING REQUIREMENTS

- G2(a) The licensee shall provide to the Director, by **1 September each year**, an Annual Monitoring Report containing data collected over the previous financial year (**1 July to 30 June**). The report shall contain but not be limited to:
- (i) monitoring data or other collected data required by any condition of this licence;
  - (ii) an assessment of the data against any limits set or other environmental guidelines, targets or policies referred to in this licence and data from previous years' monitoring;
  - (iii) a summary of any data exceeding those limits, guidelines, targets or policies including information on why the exceedence occurred (if known) and action taken by the licensee to prevent recurrence of such exceedences.
  - (iv) a summary of the number and type of complaints received;
  - (v) any changes to site boundaries, location of groundwater monitoring bores, surface drainage channels and on-site or off-site impacts; and
  - (vi) a list 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.
- G2(b) The licensee shall use the following units in reports required by conditions W3, W4(a) and W4(b):

Parameter	Unit
Cumulative volume discharged	cubic metres per day (average for the month)
Standing water level	metres Australian Height Datum
pH	pH units
E. coli	counts per 100 millilitres
All other parameters	milligrams per litre

#### WATER POLLUTION CONTROL CONDITIONS

##### TREATED WASTEWATER DISCHARGE

- W1 The licensee shall discharge treated wastewater from the treatment plant to the infiltration ponds, part of Lot 312 on Plan 21931, Two Rocks Road, Yanchep (depicted in Attachment 2) under normal operations.

## WESTERN AUSTRALIA

### DEPARTMENT OF ENVIRONMENT REGULATION

*Environmental Protection Act 1986*

**LICENCE NUMBER: L4214/1992/10**

**FILE NUMBER: DEC2249**

#### TREATED WASTEWATER MANAGEMENT

- W2(a) The licensee shall manage the treated wastewater plant to ensure that the maximum nutrient load discharged to the infiltration ponds does not exceed the following;
- (i) Nitrogen – 4.38 tonnes per year;
  - (ii) Phosphorus – 2.2 tonnes per year.
- W2(b) The licensee shall operate the wastewater treatment plant to achieve an annual average discharge contaminant concentration for Filtered 5-day Biochemical Oxygen Demand of 50 mg/L or less when discharging to the infiltration ponds, for samples collected in accordance with condition W4(a).
- W2(c) The licensee shall manage the infiltration ponds to ensure that:
- (i) soil erosion or ponding of wastewater is minimised;
  - (ii) disposal of treated wastewater does not result in surface runoff from the site.

#### FLOW MONITORING DEVICE

- W3 The licensee shall maintain a suitable device for measuring **monthly cumulative volumes** of treated wastewater discharged from the treatment plant to the treated wastewater disposal area. The monthly flow results shall be presented in the next annual monitoring report in a tabular format.

#### MONITORING REQUIREMENTS

- W4(a) The licensee shall, at the frequencies stated, take and have analysed representative samples of water from the following monitoring sites depicted in Attachment 1:

Monitoring site	Sampling frequency	Parameters to be measured
Discharge pipe from the treatment plant	3-monthly	pH, Filtered 5-day Biochemical Oxygen Demand, Total Dissolved Solids (calculated from Conductivity), Total Suspended Solids, Nitrate + Nitrite-nitrogen, Ammonium-nitrogen, Total Nitrogen, Total Phosphorus and E coli
Groundwater monitoring bores MB01-06, MB02-06, MB03-06 (Attachment 2)	6-monthly	pH, Total Dissolved Solids calculated from Electrical Conductivity, Total Nitrogen, Total Phosphorus

- W4(b) The licensee shall determine the standing water level in each of the bores sampled in accordance with part (a) of this condition immediately prior to the collection of those samples.
- W4(c) The licensee shall provide the recorded results of the sampling and analysis referred to in parts (a) and (b) of this condition to the Director in the annual report.

#### GENERAL MONITORING REQUIREMENTS

- W5(a) The licensee shall collect all water samples in accordance with the relevant parts of Australian Standard 5667, 1998, or other method(s) approved by the Director.



**WESTERN AUSTRALIA**

**DEPARTMENT OF ENVIRONMENT REGULATION**

*Environmental Protection Act 1986*

**LICENCE NUMBER: L4214/1992/10**

**FILE NUMBER: DEC2249**

W5(b) The licensee shall submit all water samples to a laboratory with current NATA accreditation for the analyses specified, and analysed in accordance with the current "Standard Methods for Examination of Water and Wastewater-APHA-AWWA-WEF", unless another laboratory or alternative method is approved by the Director.

**CALCULATION OF CONTAMINANT LOAD**

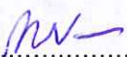
W6 The licensee shall determine the annual load of each contaminant in the treated wastewater discharged from the treatment plant using flow-weighted data. The loads shall be based on the treated wastewater discharge rate and the concentrations as measured in accordance with condition W3 and W4(a). Average loads of the contaminants shall be reported in the annual monitoring report in kilograms per day.

**SOLID WASTE DISPOSAL CONDITIONS**

**SOLIDS MANAGEMENT**

S1(a) The licensee shall dispose of collected screenings, grit and debris from the treatment plant to a licensed or registered landfill.

S1(b) The licensee shall direct any collected sludges generated at the premises to the Beenyp Wastewater Treatment Plant.

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

Date of Issue: Thursday, 24 October 2013



## ATTACHMENT 1

LICENCE NUMBER: L4214/1992/10

FILE NUMBER: DEC2249

### Location of Premises



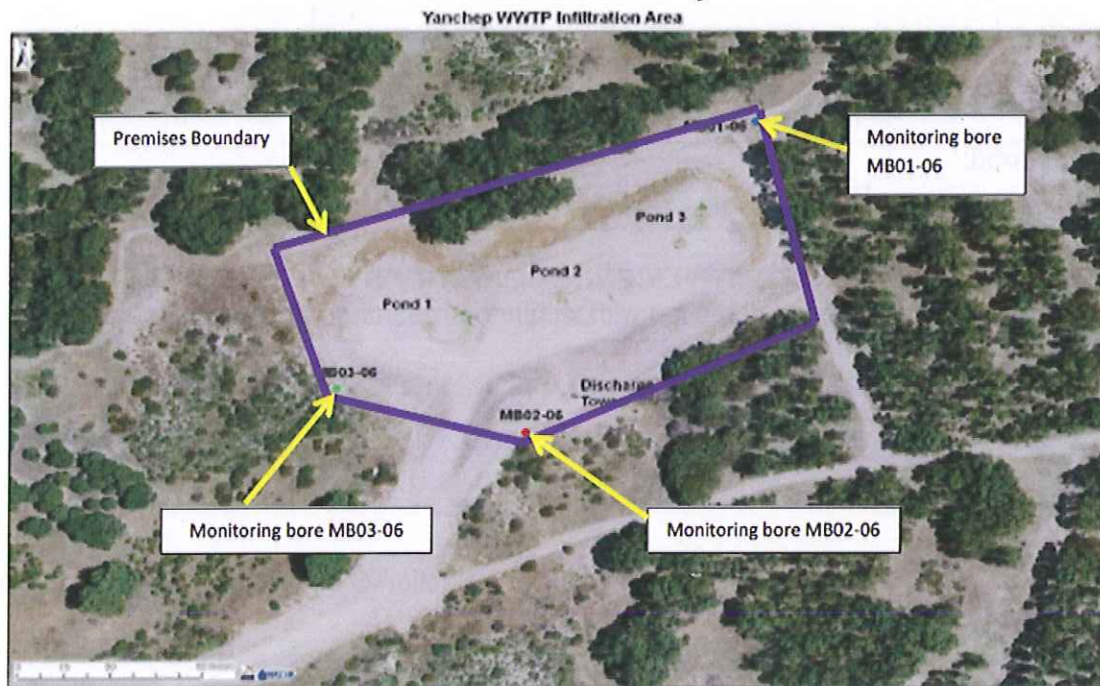


## ATTACHMENT 2

**LICENCE NUMBER: L4214/1992/10**

**FILE NUMBER: DEC2249**

### Location of Bores and Premises Boundary on Lot 312



### ATTACHMENT 3

**LICENCE NUMBER: L4214/1992/10**

**FILE NUMBER: DEC2249**

#### 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 3

**LICENCE NUMBER: L4214/1992/10**

**FILE NUMBER: DEC2249**

#### 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 3

**LICENCE NUMBER: L4214/1992/10**

**FILE NUMBER: DEC2249**

#### 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 Regulation 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 Regulation.
A corporation	<input type="checkbox"/> <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 Regulation.
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 Regulation.
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.

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)