



Government of Western Australia  
Department of Environment Regulation

Your ref L7331/1996/9  
Our ref DEC6813  
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Chief Executive Officer  
Sire of Carnarvon  
PO Box 459  
CARNARVON WA 6701

Dear Sir/Madam

**ENVIRONMENTAL PROTECTION ACT 1986: LICENCE GRANTED**

**Premises:** Carnarvon Water Storage Ponds – Treated Sewage Effluent  
Lot 1320 on Plan 193061 and Portion of Lot 1205 on Plan 240108 Babbage Island  
Road, CARNARVON WA 6701

**Licence Number:** L7331/1996/9

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 Clint Joseph on 08 99640901.

Yours sincerely

Ruth Dowd  
Officer delegated under section 20  
of the *Environmental Protection Act 1986*

Thursday, 16 October 2014



# Licence

## *Environmental Protection Act 1986, Part V*

**Licensee:** Shire of Carnarvon  
**Licence:** L7331/1996/9

**Registered office:** 3 Francis Street  
CARNARVON WA 6701

**ABN:** 89 534 312 469

**Premises address:** Carnarvon Water Storage Ponds – Treated Sewage Effluent  
Lot 1320 on Plan 193061 and Portion of Lot 1205 on Plan 240108 Babbage  
Island Road, CARNARVON WA 6701 as depicted in Schedule 1

**Issue date:** Thursday, 16 October 2014

**Commencement date:** Sunday, 26 October 2014

**Expiry date:** Friday, 25 October 2019

**Prescribed premises category**  
Schedule 1 of the *Environmental Protection Regulations 1987*

Category number	Category description	Category production or design capacity	Approved premises production or design 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.	100 cubic metres or more per day	246 cubic metres per day

### Conditions

This Licence is subject to the conditions set out in the attached pages.

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





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## Introduction

This Introduction is not part of the Licence conditions.

### DER's industry licensing role

The Department of Environment Regulation (DER) is a government department for the state of Western Australia in the portfolio of the Minister for Environment. DER's purpose is to protect and conserve the state's environment on behalf of the people of Western Australia.

DER has responsibilities under Part V of the *Environmental Protection Act 1986* (the Act) for the licensing of prescribed premises. Through this process DER works with the business owners, community, consultants, industry and other representatives to prevent, control and abate pollution and environmental harm to conserve and protect the environment. DER also monitor and audit compliance with works approvals and licence conditions, take enforcement action as appropriate and develop and implement licensing and industry regulation policy.

### Licence requirements

This licence is issued under Part V of the Act. Conditions contained within the licence relate to the prevention, reduction or control of emissions and discharges to the environment and to the monitoring and reporting of them.

Where other statutory instruments impose obligations on the Premises/Licensee the intention is not to replicate them in the licence conditions. You should therefore ensure that you are aware of all your statutory obligations under the Act and any other statutory instrument. Legislation can be accessed through the State Law Publisher website using the following link:  
<http://www.slp.wa.gov.au/legislation/statutes.nsf/default.html>

For your Premises relevant statutory instruments include but are not limited to obligations under the:

- *Environmental Protection (Unauthorised Discharges) Regulations 2004* – these Regulations make it an offence to discharge certain materials such as contaminated stormwater into the environment other than in the circumstances set out in the Regulations.
- *Environmental Protection (Controlled Waste) Regulations 2004* - these Regulations place obligations on you if you produce, accept, transport or dispose of controlled waste.
- *Environmental Protection (Noise) Regulations 1997* – these Regulations require noise emissions from the Premises to comply with the assigned noise levels set out in the Regulations.



You must comply with your licence. Non-compliance with your licence is an offence and strict penalties exist for those who do not comply.

Licence holders are also reminded of the requirements of section 53 of the Act which places restrictions on making certain changes to prescribed premises unless the changes are in accordance with a works approval, licence, closure notice or environmental protection notice.

Other Guidelines which you should be aware of include:

- *Western Australian Guidelines for Biosolids Management*, Department of Environment and Conservation, December 2012 (as amended from time to time).

#### Licence fees

If you have a licence that is issued for more than one year, you are required to pay an annual licence fee prior to the anniversary date of issue of your licence. Non payment of annual licence fees will result in your licence ceasing to have effect meaning that it will no longer be valid and you will need to apply for a new licence for your Premises.

#### Ministerial conditions

If your Premises has been assessed under Part IV of the Act you may have had conditions imposed by the Minister for Environment. You are required to comply with any conditions imposed by the Minister.

#### Premises description and Licence summary

The Carnarvon Wastewater Treatment Ponds (WWTP) is located adjacent to the Carnarvon Wastewater Treatment Plant on Lot 1320 on Plan 193061 and Portion of Lot 1205 on Plan 240108, Babbage Island Road, and Carnarvon and is managed by the Shire of Carnarvon.

About 90 Mega litres of treated wastewater per year is received from the Carnarvon Wastewater Treatment Plant and stored in two High Density Polyethylene (HDPE) lined ponds. The treated final effluent is then chlorinated and irrigated on parks and sports grounds by the Shire of Carnarvon.

This licence is the result of an amendment sought by DER to convert the existing licence to a new format REFIRE licence.

The licences and works approvals issued for the Premises since 1996 are:

Instrument log		
Instrument	Issued	Description
W1367/1996/1	09/04/1996	Works approval
L7331/1996/3	201/10/2000	Licence re-issue
L7331/1996/4	26/10/2001	Licence re-issue
L7331/1996/5	4/11/2002	Licence re-issue
L7331/1996/6	26/10/2003	Licence re-issue
L7331/1996/7	7/12/2004	Licence re-issue
L7331/1996/8	26/10/2009	Licence re-issue
L7331/1996/9	16/10/2014	Licence re-issue to REFIRE format

#### Severance

It is the intent of these Licence conditions that they shall operate so that, if a condition or a part of a condition is beyond the power of this Licence to impose, or is otherwise *ultra vires* or invalid, that condition or part of a condition shall be severed and the remainder of these conditions shall nevertheless be valid to the extent that they are within the power of this Licence to impose and are not otherwise *ultra vires* or invalid.

#### END OF INTRODUCTION





## Licence conditions

### 1 General

#### 1.1 Interpretation

1.1.1 In the Licence, definitions from the *Environmental Protection Act 1986* apply unless the contrary intention appears.

1.1.2 For the purposes of this Licence, unless the contrary intention appears:

'Act' means the *Environmental Protection Act 1986*;

'annual period' means the inclusive period from 1 January until 31 December in the following year;

'CEO' means Chief Executive Officer of the Department of Environment Regulation;

'CEO' for the purpose of correspondence means:

Manager Licensing (Midwest)  
Department of Environment Regulation  
PO Box 72  
GERALDTON WA 6531  
Telephone: (08) 9964 0901  
Facsimile: (08) 9921 5713  
Email: midwest@der.wa.gov.au;

'code of practice for the storage and handling of dangerous goods' means the document titled "Storage and handling of dangerous goods: Code of Practice" published by the Department of Mines and Petroleum, as amended from time to time;

'dangerous goods' has the meaning defined in the *Dangerous Goods Safety (Storage and Handling of Non-explosives) Regulations 2007*;

'environmentally hazardous material' means material (either solid or liquid raw materials, materials in the process of manufacture, manufactured products, products used in the manufacturing process, by-products and waste) which if discharged into the environment from or within the premises may cause pollution or environmental harm. Note: Environmentally hazardous materials include dangerous goods where they are stored in quantities below placard quantities. The storage of dangerous goods above placard quantities is regulated by the Department of Mines and Petroleum;

'freeboard' means the distance between the maximum water surface elevations and the top of retaining banks or structures at their lowest point.

'fugitive emissions' means all emissions not arising from point sources identified in Sections 2.6, 2.7 and 2.8;

'hardstand' means a surface with a permeability of  $10^{-9}$  metres/second or less;

'Licence' means this Licence numbered L7331/1996/9 and issued under the Act;

'Licensee' means the person or organisation named as Licensee on page 1 of the licence;



**'Premises'** means the area defined in the Premises Map in Schedule 1 and listed as the Premises address on page 1 of the Licence;

**'Process equipment'** means any wastewater or sludge containment infrastructure or wastewater treatment vessel;

**'Schedule 1'** means Schedule 1 of this Licence unless otherwise stated; and

**'Schedule 2'** means Schedule 2 of this Licence unless otherwise stated;

1.1.3 Any reference to an Australian or other standard in the Licence means the relevant parts of the standard in force from time to time during the term of this licence.

1.1.4 Any reference to a guideline or code of practice in the Licence means the version of that guideline or code of practice in force from time to time, and shall include any amendments or replacements to that guideline or code of practice made during the term of this Licence.

## 1.2 General conditions

1.2.1 Nothing in the Licence shall be taken to authorise any emission that is not mentioned in the Licence, where the emission amounts to:

- (a) pollution;
- (b) unreasonable emission;
- (c) discharge of waste in circumstances likely to cause pollution; or
- (d) being contrary to any written law.

1.2.2 The Licensee shall operate and maintain all pollution control and monitoring equipment to the manufacturer's specification or any relevant and effective internal management system.

1.2.3 The Licensee, except where storage is prescribed in section 1.3, shall ensure that environmentally hazardous substances are stored in accordance with the code of practice for the storage and handling of dangerous goods.

1.2.4 The Licensee shall immediately recover, or remove and dispose of spills of environmentally hazardous materials outside an engineered containment system.

1.2.5 The Licensee shall:

- (a) implement all practical measures to prevent stormwater run-off becoming contaminated by the activities on the Premises; and
- (b) treat contaminated or potentially contaminated stormwater as necessary prior to being discharged from the Premises.

Note1: The *Environmental Protection (Unauthorised Discharges) Regulations 2004* make it an offence to discharge certain materials into the environment.





### 1.3 Premises operation

1.3.1 The Licensee shall record and investigate the exceedance of any descriptive or numerical limit, and/or target in this section.

1.3.2 The Licensee shall only allow waste to be accepted on to the Premises if:

- (a) it is of a type listed in Table 1.3.1; and
- (b) the quantity accepted is below any limit listed in Table 1.3.1; and
- (c) it meets any specification listed in Table 1.3.1

**Table 1.3.1: Waste acceptance**

Waste	Quantity Limit	Specification
Treated sewerage final effluent.	246 m <sup>3</sup> /day	Treated sewerage final effluent from the Water Corporation.

1.3.3 The Licensee shall ensure that the wastes accepted onto the Premises are only subjected to the process (es) set out in Table 1.3.3 and in accordance with any process requirements described in that table.

**Table 1.3.3: Waste processing**

Waste type	Process	Process requirements
Sludge from holding ponds	Desludging of ponds	Dispose of sludge in accordance with the <i>Western Australian Guidelines for Biosolids Management</i> , Department of Environment and Conservation, December 2012 (as amended from time to time).

1.3.4 The Licensee shall ensure that waste material is only stored and/or treated within vessels or compounds provided with the infrastructure detailed in Table 1.3.4.

**Table 1.3.4: Containment infrastructure**

Vessel or compound	Material	Requirements
Holding ponds	HDPE	Lined to achieve a permeability of less than 10 <sup>-9</sup> m/s or equivalent.

1.3.5 The Licensee shall manage all holding ponds such that:

- (a) overtopping of the ponds does not occur;
- (b) a freeboard at or greater than 500mm is targeted;
- (c) the integrity of the containment infrastructure is maintained;
- (d) trapped overflows are maintained on the outlet of ponds to prevent carry-over of surface floating matter;
- (e) vegetation and floating debris (emergent or otherwise) is prevented from encroaching onto pond surfaces or inner pond embankments,
- (f) stormwater runoff is prevented from entering the treated sewerage final effluent holding vessels, and
- (g) there is no discernible seepage loss from the treated sewerage final effluent holding vessels.



## **2 Emissions**

### **2.1 General**

- 2.1.1 The Licensee shall record and investigate the exceedance of any descriptive or numerical limit, or target specified in any part of section 2 of this Licence.

### **2.2 Point source emissions to air**

There are no specified conditions relating to point source emissions to air in this section.

### **2.3 Point source emissions to surface water**

There are no specified conditions relating to point source emissions to surface water in this section.

### **2.4 Point source emissions to groundwater**

There are no specified conditions relating to point source emissions to groundwater in this section.

### **2.6 Fugitive emissions**

- 2.6.1 The Licensee shall use all reasonable and practical measures to prevent and where that is not practicable to minimise dust emissions from the Premises.
- 2.6.2 The Licensee shall ensure that no visible dust generated by activities on the Premises crosses the boundary of the Premises.

### **2.7 Odour**

- 2.5.1 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.

### **2.6 Noise**

There are no specified conditions relating to noise in this section.

## **3 Monitoring**

There are no specified conditions relating to monitoring in this section.

## **4 Improvements**

There are no specified improvement conditions in this section.





## 5 Information

### 5.1 Records

5.1.1 All information and records required by the Licence shall:

- (a) be legible;
- (b) if amended, be amended in such a way that the original and subsequent amendments remain legible or are capable of retrieval;
- (c) except for records listed in 5.1.1(d) be retained for at least 6 years from the date the records were made or until the expiry of the Licence or any subsequent licence; and
- (d) for those following records, be retained until the expiry of the Licence and any subsequent licence:
  - (i) off-site environmental effects; or
  - (ii) matters which affect the condition of the land or waters.

5.1.2 The Licensee shall ensure that:

- (a) any person left in charge of the Premises is aware of the conditions of the Licence and has access at all times to the Licence or copies thereof; and
- (b) any person who performs tasks on the Premises is informed of all of the conditions of the Licence that relate to the tasks which that person is performing.

5.1.3 The Licensee shall complete an Annual Audit Compliance Report (AACR) indicating the extent to which the Licensee has complied with the conditions of the Licence, and any previous licence issued under Part V of the Act for the Premises for the previous annual period.

5.1.4 The Licensee shall implement a complaints management system that as a minimum records the number and details of complaints received concerning the environmental impact of the activities undertaken at the Premises and any action taken in response to the complaint.

### 5.2 Reporting

5.2.1 The Licensee shall submit to the CEO an Annual Environmental Report within 90 calendar days after the end of the annual period. The report shall contain the information listed in Table 5.2.1 in the format or form specified in that table.

**Table 5.2.1: Annual Environmental Report**

Condition or table (if relevant)	Parameter	Format or form <sup>1</sup>
	Summary of any failure or malfunction of any pollution control equipment and any environmental incidents that have occurred during the annual period and any action taken	None specified
5.1.3	Compliance.	AACR
5.1.4	Complaints summary.	None specified

Note 1: Forms are in Schedule 2



### 5.3 Notification

5.3.1 The Licensee shall ensure that the parameters listed in Table 5.3.1 are notified to the Director at the Contact Address and in accordance with the notification requirements of the table.

**Table 5.3.1: Notification requirements**

Condition or table (if relevant)	Parameter	Notification requirement <sup>1</sup>	Format or form <sup>2</sup>
-	Date and method of sludge removal from the treated sewage effluent storage ponds.	No less than 14 days in advance of works <sup>3</sup> .	None specified
-	Any failure or malfunction of any pollution control equipment or any incident, which has caused, is causing or may cause pollution.	Part A: As soon as practicable but no later than 5pm of the next working day. Part B: As soon as practicable.	N1

Note 1: No notification requirement in the Licence shall negate the requirement to comply with s72 of the Act.

Note 2: Forms are in Schedule 2

Note 3: The following information shall be included: (i) when desludging is proposed to occur, (ii) the desludging method, (iii) action to mitigate potential odour impacts





## Schedule 1: Maps

### Premises map

The Premises is shown in the map below. The pink line depicts the Premises boundary.





## Schedule 2: Reporting & notification forms

These forms are provided for the proponent to report monitoring and other data required by the Licence. They can be requested in an electronic format.

### ANNUAL AUDIT COMPLIANCE REPORT PROFORMA

#### SECTION A

##### LICENCE DETAILS

Licence Number:	Licence File Number:
Company Name: Trading as:	ABN:
Reporting period: _____ to _____	

##### STATEMENT OF COMPLIANCE WITH LICENCE CONDITIONS

1. Were all conditions of the 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 initialled by the person(s) who signs Section C of this Annual Audit Compliance Report (AACR).

Initial:





## 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 the 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 initialled by the person(s) who signs Section C of this AACR

Initial:



## SECTION C

### SIGNATURE AND CERTIFICATION

This Annual Audit Compliance Report (AACR) may only be signed by a person(s) with legal authority to sign it. The ways in which the AACR 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 AACR 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 <i>Corporations Act 2001</i> ; 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)





Licence: L7331/1996/9

Licensee: Shire of Carnarvon

Form: N1

Date of breach:

**Notification of detection of the breach of a limit or any failure or malfunction of any pollution control equipment or any incident which has caused, is causing or may cause pollution.**

These pages outline the information that the operator must provide.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

## Part A

Licence Number L7426/2000/7	
Name of operator	Shire of Carnarvon
Location of Premises	Lot 1320 on Plan 193061 and Portion of Lot 1205 on Plan 240108 Babbage Island Road CARNARVON
Time and date of the detection	

Notification requirements for the breach of a limit	
Emission point reference/ source	
Parameter(s)	
Limit	
Measured value	
Date and time of monitoring	
Measures taken, or intended to be taken, to stop the emission	

Notification requirements for any failure or malfunction of any pollution control equipment or any incident which has caused, is causing or may cause pollution	
Date and time of event	
Reference or description of the location of the event	
Description of where any release into the environment took place	
Substances potentially released	
Best estimate of the quantity or rate of release of substances	
Measures taken, or intended to be taken, to stop any emission	
Description of the failure or accident	



## Part B

Any more accurate information on the matters for notification under Part A.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident.	
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission.	
The dates of any previous N1 notifications for the Premises in the preceding 24 months.	

Name	
Post	
Signature on behalf of Shire of Carnarvon	
Date	





# Decision Document

## *Environmental Protection Act 1986, Part V*

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**Proponent:** Shire of Carnarvon  
**Licence:** L7331/1996/9

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**Registered office:** 3 Francis Street  
CARNARVON WA 6701

**ACN:** 89 534 312 469

**Premises address:** Carnarvon Water Storage Ponds – Treated Sewage Effluent  
Lot 1320 on Plan 193061 and Portion of Lot 1205 on Plan 240108 Babbage  
Island Road, CARNARVON WA 6701

**Issue date:** Thursday, 16 October 2014

**Commencement date:** Sunday, 26 October 2014

**Expiry date:** Friday, 25 October 2019

### Decision

Based on the assessment detailed in this document the Department of Environment Regulation (DER), has decided to issue a licence. DER considers that in reaching this decision, it has taken into account all relevant considerations and legal requirements and that the Licence and its conditions will ensure that an appropriate level of environmental protection is provided.

Decision Document prepared by:

Clint Joseph  
Licensing Officer

Decision Document authorised by:

Stephen Checker  
Manager Licensing (Midwest)



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## 1 Purpose of this Document

This decision document explains how DER has assessed and determined the application and provides a record of DER's decision-making process and how relevant factors have been taken into account. Stakeholders should note that this document is limited to DER's assessment and decision making under Part V of the *Environmental Protection Act 1986*. Other approvals may be required for the proposal, and it is the proponent's responsibility to ensure they have all relevant approvals for their Premises.

### Works approval and licence conditions

DER has three types of conditions that may be imposed on works approvals and licences. They are as follows;

#### Standard conditions (SC)

DER has standard conditions that are imposed on all works approvals and licences regardless of the activities undertaken on the Premises and the information provided in the application. These are included as the following conditions on works approvals and licences:

Works approval conditions: 1.1.1-1.1.4, 1.2.1, 1.2.2, 5.1.1 and 5.1.2.

Licence conditions: 1.1.1-1.1.4, 1.2.1-1.2.4, 5.1.1-5.1.4 and 5.2.1.

For such conditions, justification within the Decision Document is not provided.

#### Optional standard conditions (OSC)

In the interests of regulatory consistency DER has a set of optional standard conditions that can be imposed on works approvals and licences. DER will include optional standard conditions as necessary, and are likely to constitute the majority of conditions in any licence. The inclusion of any optional standard conditions are justified in Section 4 of this document.

#### Non standard conditions (NSC)

Where the proposed activities require conditions outside the standard conditions suite DER will impose one or more non-standard conditions. These include both premises and sector specific conditions, and are likely to occur within few licences. Where used, justification for the application of these conditions will be included in Section 4.





## 2 Administrative summary

Administrative details		
Application type	Works Approval <input type="checkbox"/> New Licence <input checked="" type="checkbox"/> Licence amendment <input type="checkbox"/> Works Approval amendment <input type="checkbox"/>	
Activities that cause the premises to become prescribed premises	Category number(s) 54	Assessed design capacity 246 cubic metres per day
Application verified	Date: 08/08/2014	
Application fee paid	Date: 01/09/2014	
Works Approval has been complied with	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	
Compliance Certificate received	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	
Commercial-in-confidence claim	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Commercial-in-confidence claim outcome		
Is the proposal a Major Resource Project?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Was the proposal referred to the Environmental Protection Authority (EPA) under Part IV of the <i>Environmental Protection Act 1986</i> ?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Referral decision No: Managed under Part V <input type="checkbox"/> Assessed under Part IV <input type="checkbox"/>
Is the proposal subject to Ministerial Conditions?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Ministerial statement No: EPA Report No:
Does the proposal involve a discharge of waste into a designated area (as defined in section 57 of the <i>Environmental Protection Act 1986</i> )?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Department of Water consulted Yes <input type="checkbox"/> No <input type="checkbox"/>	
Is the Premises within an Environmental Protection Policy (EPP) Area Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If Yes include details of which EPP(s) here.		
Is the Premises subject to any EPP requirements? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If Yes, include details here, e.g. Site is subject to SO <sub>2</sub> requirements of Kwinana EPP.		



### 3 Executive summary of proposal and assessment

The Carnarvon Wastewater Treatment Ponds (WWTP) is located adjacent to the Carnarvon Wastewater Treatment Plant on Lot 1320 on Plan 193061 and Portion of Lot 1205 on Plan 240108, Babbage Island Road, and Carnarvon and is managed by the Shire of Carnarvon.

About 90 Mega litres of treated water per year is received from the Carnarvon Wastewater Treatment Plant and stored in two High Density Polyethylene (HDPE) lined ponds. The treated final effluent is then chlorinated and irrigated on parks and sports grounds by the Shire of Carnarvon.

DER is undertaking a state-wide reform program known as REFIRE (Re-Engineering for Industry Regulation and the Environment). As part of the reform process, DER is improving the consistency and appearance of licences issued under the *Environmental Protection Act 1986*.

The Shire of Carnarvon has applied for the storage ponds with the current Licence expiring on the 25 October 2014. During the reissuing of the new Licence, DER has converted the existing licence into the new standardised REFIRE format. During the conversion process, DER has not re-assessed the acceptability or impacts of emissions and discharges from the Premises or re-visited any existing emission control levels.

The main emission from the Premises is treated sewage final effluent to be used as irrigation.



1.3.5	OSC	<p>All conditions from the previous Licence, which relates to the desludging and management of the final effluent treatment ponds, have not been reassessed as part of this licence reissue.</p> <p>OSC 1.3.3 replaces condition S2 of the previous licence. OSC1.3.5 replaces condition W1 (i) – (v) of the previous licence.</p>	<p>General provisions of the <i>Environmental Protection Act 1986</i>.</p> <p><i>Environmental Protection Regulations 1987</i>.</p> <p><i>Environmental Protection (Unauthorised Discharges Regulations, 2004)</i>.</p>
	N/A	General emissions have not been reassessed as part of this licence reissue. SC 1.2.1 applies.	
	N/A	<p>Point source air emissions have not been reassessed as part of this licence reissue. SC 1.2.1 applies.</p> <p>The previous licence did not impose any conditions for emissions to air including monitoring.</p>	
	N/A	There are no point source emissions to surface water from the premises that requires regulation through this section. SC 1.2.1 applies.	



DECISION TABLE				
Works Approval / Licence section	Condition number W = Works Approval L = Licence	OSC or NSC	Justification (including risk description & decision methodology where relevant)	Reference documents
Point source emissions to groundwater including monitoring	N/A	N/A	There are no point source emissions to groundwater from the premises that require regulation through this section. SC 1.21.applies.	<p>General provisions of the <i>Environmental Protection Act 1986</i>.</p> <p><i>Environmental Protection (Unauthorised Discharges Regulations, 2004)</i>.</p>
Emissions to land including monitoring	N/A	N/A	<p>Emissions to land have not been reassessed as part of this licence reissue. SC 1.21.applies.</p> <p>The previous licence did not impose any conditions for emissions to land including monitoring.</p>	
Fugitive emissions	L2.6.1 and L2.6.2	OSC	<p>Fugitive dust emissions have not been reassessed as part of this licence reissue.</p> <p>OSC 2.6.1 and 2.6.2 replaces condition A1 of the previous licence.</p>	
Odour	N/A	N/A	Odour has not been reassessed as part of this licence reissue. As the previous licence did not impose controls on odour, no specified conditions have been included in this section. SC 1.2.1 applies.	
Noise	N/A	N/A	Noise has not been reassessed as part of this licence reissue. As the previous licence did not impose controls on noise, no specified conditions have been included in this section. The <i>Environmental Protection (Noise) Regulations 1997</i> and SC 1.2.1 apply.	
Monitoring general	L3.1.1	OSC	<p>General monitoring conditions have not been reassessed as part of this licence reissue.</p> <p>The previous licence did not impose any monitoring conditions.</p>	

		part of this licence reissue.	
	N/A	Monitoring requirements have not been reassessed as part of this amendment. As the previous licence did not require meteorological monitoring no specified conditions have been included in this section.	N/A
	N/A	No improvement conditions required.	N/A
	OSC	SC 5.3.1 replaces condition G2	N/A
	N/A	A five year licence has been issued for the Carnarvon Water Storage Ponds as there is minimal impact to the environment.	N/A





## 5 Advertisement and consultation table

Date	Event	Comments received/Notes	How comments were taken into consideration
15/09/2014	Application advertised in West Australian	None received	N/A



## 6. Emissions and discharges risk assessment framework

*Note: This matrix is taken from the DER Corporate Policy Statement No. 07 – Operational Risk Management*

**Table 1: Emissions Risk Matrix**

Likelihood	Consequence				
	Insignificant	Minor	Moderate	Major	Severe
Almost Certain	Moderate	High	High	Extreme	Extreme
Likely	Moderate	Moderate	High	High	Extreme
Possible	Low	Moderate	Moderate	High	Extreme
Unlikely	Low	Moderate	Moderate	Moderate	High
Rare	Low	Low	Moderate	Moderate	High