



Licence

Environmental Protection Act 1986, Part V

Licensee: Shire of Augusta-Margaret River

Licence: L6863/1994/13

Registered office: 41 Wallcliffe Road
MARGARET RIVER WA 6285

Premises address: Margaret River Septage Treatment Plant
Wallis Road
ROSA GLEN WA 6285
Being Lot 4004 on Plan 207556 as depicted in Schedule 1.

Issue date: Thursday, 16 July 2015

Commencement date: Monday, 27 July 2015

Expiry date: Tuesday, 26 July 2016

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
61	Liquid waste facility: premises on which liquid waste produced on others premises (other than sewage waste) is stored, reprocessed, treated or irrigated.	100 tonnes or more per year	1800 tonnes per annual period

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*



CONDITIONS OF LICENCE

DEFINITIONS

In these conditions of licence, unless inconsistent with the text or subject matter:

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

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

'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;

'controlled waste' has the definition in *Environmental Protection (Controlled Waste) Regulations 2004*;

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

'CEO' for the purpose of correspondence means:

Manager Licensing (Waste South B)
Department of Environment Regulation
Locked Bag 33
CLOISTERS SQUARE WA 6850
Telephone: (08) 9333 7510
Facsimile: (08) 9333 7550
Email: industry.regulation@der.wa.gov.au;

'freeboard' means the height between bank and water surface in a lagoon or dam;

'Licence' means this Licence numbered L6863/1994/13 and issued under the Act;

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

'mg/L' means milligrams per litre;

'NATA' means National Association of Testing Authorities;

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

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

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

'wire stock fence' means a fence at least 1.2 metres in height, constructed from 5 strand plain or barbed wire or a ring-lock fence with at least one strand of plain or barbed wire on top.



GENERAL CONDITIONS

ACCEPTANCE OF LIQUID WASTE

G1 The Licensee shall only dispose of the following liquid wastes to the liquid waste treatment lagoons at the Premises:

- (i) Sewage, Waste Code K210
- (ii) Waste from Grease Traps, Waste Code K110.

Note1: Additional requirements for the acceptance of controlled waste are set out in the Environmental Protection (Controlled Waste) Regulations 2004

FENCING

G2 (a) The Licensee shall maintain a wire stock fence around the perimeter of liquid waste treatment lagoons.

G2 (b) The Licensee shall ensure that any entrance to the liquid waste treatment lagoons is securely locked when the liquid waste treatment lagoons are unattended.

MONITORING AND REPORTING

G3 The Licensee shall provide to the CEO **by 31 March** each year, a copy of an Annual Monitoring Report containing data collected over the period 1 January to 31 December. The report shall contain:

- (i) monitoring data or other collected data required by any condition of this licence;
- (ii) an explanation of the monitoring results with respect to the environmental impacts of the project (comparison with historical data should also be provided);
- (iii) the 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;
- (iv) the number and type of complaints received including complainants name, address, nature of complaint (where appropriate cross referenced with prevailing wind directions) and action taken;
- (v) any issues raised from inspections or incident responses during the reporting period together with details on how these have been addressed/rectified or, if the required work has yet to be completed, how and when they will be rectified/completed; and
- (vi) any changes to site boundaries, internal buffer zones, asbestos and biomedical waste disposal areas, location of groundwater monitoring bores, surface drainage channels and on-site or off-site impacts or pollution.

G4 The Licensee shall by **31 March** in each year, provide to the CEO an Annual Audit Compliance Report in the form in Schedule 2, 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, for the previous annual period.

WATER POLLUTION CONTROL CONDITIONS

GENERAL WATER POLLUTION PREVENTION MEASURES

W1(a) The Licensee shall discharge liquid waste to the anaerobic lagoons via a subsurface pipe.

W1(b) The Licensee shall maintain the pH in the anaerobic lagoon between 6.5 and 8.5.

W1(c) The Licensee shall maintain trapped overflows between the lagoons to prevent the carry-over of surface floating material to subsequent lagoons.

W1(d) The Licensee shall maintain a minimum 300 millimetres of freeboard in all of the lagoons within the Premises.

W1(e) The Licensee shall manage the lagoons to minimise floating debris and prevent vegetation (emergent or otherwise) from growing in the lagoon wastewaters or on the lagoon embankments.



W2 The Licensee shall direct uncontaminated stormwater run-off, such as water from hardstand and site drainage, away from the lagoons and peripheral areas into dedicated stormwater drains.

GROUNDWATER BORE

W3 The Licensee shall maintain a monitoring bore, designated **W1**, at the approximate location depicted in Schedule 1, to allow representative water samples to be collected.

WATER MONITORING

W4(a) The Licensee shall record the cumulative monthly volume and type of wastewater discharged to the liquid waste treatment lagoons.

W4(b) The Licensee shall, at the frequencies stated in Table 1, take and have analysed representative water samples from the monitoring sites stated in Table 1 for the parameters specified in Table 1.

Table 1: Water monitoring		
Monitoring site	Sampling frequency	Parameters to be measured ¹
Bore W1	Biannually (April – May and Sept – Oct)	pH, Nitrate-nitrogen, Total Nitrogen, Phosphorus and Total Dissolved Solids.
Aerobic Lagoon (near outlet)	Biannually (April – May and Sept – Oct)	pH, Total Nitrogen, Phosphorus, Total Dissolved Solids, 5-day Biochemical Oxygen Demand and <i>Thermotolerant</i> Coliforms.

Note 1: With the exception of pH and *thermotolerant* coliforms, all measurements are to be reported in mg/L.

W4(c) The Licensee shall measure the Standing Water Level (in metres below ground level) in monitoring bore W1, **biannually**, and provide the results in the annual monitoring report.

W4(d) The Licensee shall collect all water samples in accordance with Australian Standard 5667.

W4(e) The Licensee shall submit all water samples to a laboratory with current NATA registration for the analyses specified.



Schedule 1: Maps

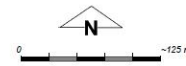
Premises map

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



LEGEND

Busselton 50cm Orthomosaic -
Landgate 2007



Scale 1:4996

(Approximate when reproduced at A4)

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: elizabethw

Prepared for:

Date: 9/07/2014 9:35:55 AM

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



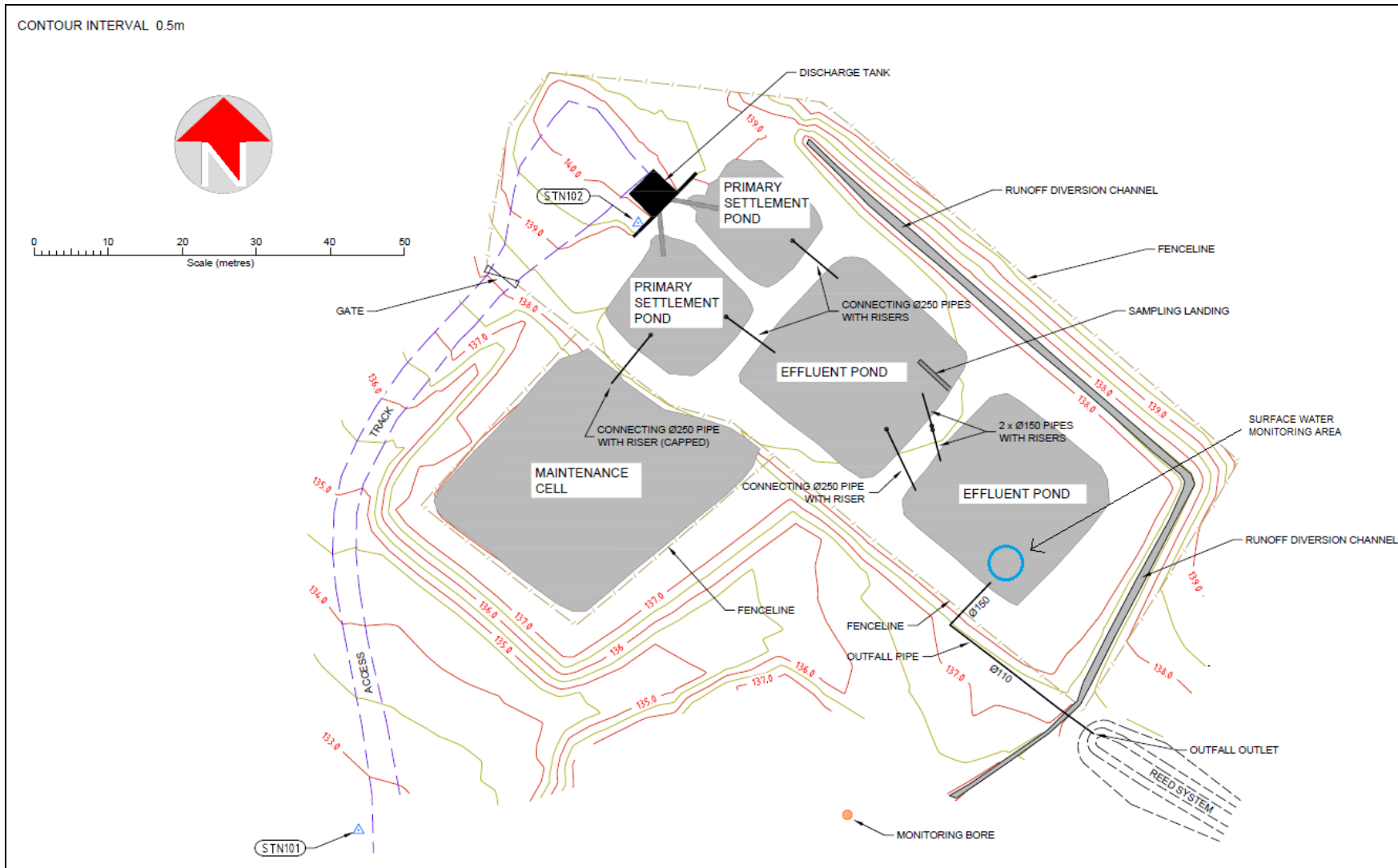
Government of Western Australia
Department of Environment Regulation

WA Crown Copyright 2002

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



Site layout





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:	ABN:
Trading as:	
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 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"/> <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 <i>Corporations Act 2001</i> ; 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: (printed) _____

NAME: (printed) _____

POSITION: _____

POSITION: _____

DATE: ____/____/____

DATE: ____/____/____

SEAL (if signing under seal)



Decision Document

Environmental Protection Act 1986, Part V

Proponent: Shire of Augusta-Margaret River

Licence: L6863/1994/13

Registered office: 41 Wallcliffe Road
MARGARET RIVER WA 6285

Premises address: Margaret River Septage Treatment Plant
Wallis Road
ROSA GLEN WA 6285
Being Lot 4004 on Plan 207556 as depicted in Schedule 1.

Issue date: Thursday, 16 July 2015

Commencement date: Monday, 27 July 2015

Expiry date: Tuesday, 26 July 2016

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.

Decision Document prepared by: Tessa Smith
Licensing Officer

Decision Document authorised by: Caron Goodbourn
A/Manager Licensing



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Appendix A	Error! Bookmark not defined.

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.



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)	Assessed design capacity
	61	1800 tonnes per annual period
Application verified	Date: 18/05/2015	
Application fee paid	Date: 02/06/2015	
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, eg Site is subject to SO ₂ requirements of Kwinana EPP.		



3 Executive summary of proposal and assessment

The Margaret River Septage Treatment Plant accepts sewage and grease trap waste from the Shire of Augusta Margaret River. The liquid waste is disposed of into one of two anaerobic ponds, which overflow into a facultative pond then an aerobic pond. Overflow from the aerobic pond flows into a series of vegetated swales for infiltration. The swales are vegetated with a range of native rushes, shrubs and trees. The anaerobic ponds are de-sludged biannually to maximise the anaerobic capacity of the ponds. The sludge is stored within a separate maintenance cell for drying. The dried sludge material is disposed of off-site to landfill. A groundwater monitoring bore is located down hydraulic gradient of the ponds and groundwater monitoring is undertaken twice per year.

This Licence is the successor to licence L6863/1994/12 and continues to authorise the treatment of liquid waste and subsequent disposal of the treated liquid via infiltration. As part of this re-issue, DER has not re-assessed the acceptability or impacts of emissions and discharges from the Premises or re-visited any existing emission control levels. No changes to the conditions on the previous licence have been made with the exception of the removal of low strength wastewater from the wastes that can be accepted, and the removal of an unnecessary condition regarding the disposal of sewage sludge. Contact details and other minor items have been updated where relevant in the Licence. The licence has been issued for a period of only one year, as there was insufficient information to complete a full assessment of emissions and discharges prior to this reissue. The environmental risk is considered acceptable for the Licence to be reissued for a further year. Within 6 months of the issue of this Licence, DER will initiate a full review of the Licence including an assessment of the acceptability of all emissions and discharges.



4 Decision table

All applications are assessed in line with the *Environmental Protection Act 1986*, the *Environmental Protection Regulations 1987*, and DER's Operational Procedure on Assessing Emissions and Discharges from Prescribed Premises. Where other references have been used in making the decision they are detailed in the decision document.

DECISION TABLE			
Works Approval / Licence section	Condition number W = Works Approval L = Licence	Justification (including risk description & decision methodology where relevant)	Reference documents
Approved Premises Production or Design Capacity (First page of Licence)	N/A	<p>An approved design capacity of 1800 tonnes has been specified because this figure was stated as the nominal rated throughput within the preamble of version 11 of the Licence issued in July 2011. Version 12 of the Licence did not specify any rate of throughput. The Shire has limited information in regards to the design capacity of the Premises.</p> <p>This liquid waste volumes accepted between 2012 to 2014 were as follows; Throughput reported for 2014 annual period: 1580.29 kilolitres. Throughput reported for 2013 annual period: 1297.54 kilolitres. Throughput reported for 2012 annual period: 1062.44 kilolitres.</p>	<p>Annual Monitoring Report 2014, Shire of Augusta Margaret River, March 2015.</p> <p>Annual Monitoring Report 2013, Shire of Augusta Margaret River, March 2014.</p> <p>Annual Monitoring Report 2012, Shire of Augusta Margaret River, June 2013.</p>
Definitions	N/A	<p>The standard definitions for 'Act', 'Annual period', 'Licence', 'Schedule 1', and 'Schedule 2' have been added to the Licence.</p> <p>'APHA-AWWA-WEF' definition has been removed, as it's no longer a requirement to analyse samples in accordance with APHA-AWWA-WEF. NATA accreditation suffices.</p> <p>'mm' definition has been removed as this unit is not referred to within the Licence.</p>	



DECISION TABLE			
Works Approval / Licence section	Condition number W = Works Approval L= Licence	Justification (including risk description & decision methodology where relevant)	Reference documents
Acceptance of liquid waste	G1	<p>The reference within condition G1 to Appendix A of the Controlled Waste Treatment or Disposal Sites – Guideline No. 3 has not been carried over from the previous version of the Licence. This document has been superseded by the new Controlled Waste Category List.</p> <p>The controlled wastes Categories 1.02 and 1.03 listed in Condition G1 of the previous licence have been converted into the new waste descriptions and codes as per the new DER Controlled Waste Category List.</p> <p>Controlled waste categories 14.02, 14.03 and 14.04 have not been carried over from the previous version of the Licence. The Shire confirmed that low strength wastewater is not received on the Premises and agrees that these waste types can be removed from the Licence.</p>	Controlled Waste Category List, Department of Environment Regulation, July 2014.
Water Monitoring	W4(e)	The part of condition W4(e) of the previous licence referring to APHA-AWWA-WEF has not been included in the reissue licence as it's no longer considered a requirement to analyse samples in accordance with APHA-AWWA-WEF. NATA accreditation suffices.	
Solid waste pollution control condition	N/A	Condition S1 of the previous licence has not been carried over into the new licence, as it's considered unnecessary.	General provisions of the <i>Environmental Protection Act 1986</i>
Licence Duration	N/A	The Licence will only be issued for a period of one year, with a complete assessment of emission and discharges to be initiated by DER within that time and prior to the reissue of the licence. It is intended that this will be initiated within the next 6 months.	



5 Advertisement and consultation table

Date	Event	Comments received/Notes	How comments were taken into consideration
08/06/2015	Application advertised in West Australian (or other relevant newspaper)	No comments received.	N/A
06/07/2015	Proponent sent a copy of draft instrument	Licensee has no comment	N/A



6 Risk Assessment

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