

Your ref L7134/1997/10 Our ref DEC13916

Enquiries Peter Knol Phone 9333 7481 Fax 9333 7550

Email peter.knol@der.wa.gov.au

Air Liquide WA Pty Ltd Mr Justin Milton Production Manager 3 Channel Close HENDERSON WA 6166

Dear Justin,

ENVIRONMENTAL PROTECTION ACT 1986: LICENCE GRANTED

Premises:

Air Liquide WA Pty Ltd

Lot 2 (3) Channel Close, HENDERSON WA 6166

Licence Number: L7134/1997/10

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.

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 Peter Knol on 9333 7481.

Yours sincerely

Ed Schuller

Officer delegated under section 20

of the Environmental Protection Act 1986

18 December 2014



Licence

Environmental Protection Act 1986, Part V

Air Liquide W.A. Pty Ltd Licensee:

Licence: L7134/1997/10

Registered office:

Level 9

Royal Domain Centre 380 St Kilda Road MELBOURNE VIC 3004

ACN:

008 694 166

Premises address:

Air Liquide WA Pty Ltd

3 Channel Close

HENDERSON WA 6166

Being Lot 2 on Plan 49057 as depicted in Schedule 1

Issue date:

Thursday, 18 December 2014

Commencement date: Sunday, 04 January 2015

Expiry date:

Friday, 03 January 2020

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
31	Chemical manufacturing: premises (other than premises within category 32) on which chemical products are manufactured by a chemical process.	Not more than 2,000 tonnes per year	Max 1,650,000 m ³ of Acetylene per year

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 advise on and implement strategies for a healthy environment for the benefit of all current and future Western Australians.

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 monitors and audits compliance with works approvals and licence conditions, takes enforcement action as appropriate and develops and implements 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.

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 Air Liquide premises is located in Henderson, within the City of Cockburn. The premises is located within an industrial area called the Australian Marine Complex.

Air Liquide produces Acetylene via a chemical process. Acetylene is produced by mixing calcium carbide with water. The reaction of water with calcium carbide produces acetylene gas and lime milk as a by-product. Acetylene is then compressed and sent to the filling manifold for cylinder refill and the lime is contained for collection by an external company. The calcium carbide is stored in drums in dedicated storage sheds with a concrete base and sides. The lime is fully contained within concrete pools and a storage tank.

Air Liquide also receives gasses from other sites and redistributes these gasses in different containers for their clients. The premises is a licensed Dangerous Goods site and bunding and storage requirements fall under the jurisdiction of the Department of Mines and Petroleum. There are no discharges of waste to atmosphere. The entire site is either bitumen or concrete, with stormwater directed to the onsite soak.

This Licence is the successor to licence L7134/1997/9 and includes a conversion to the REFIRE template. The previous licence did not contain any licence conditions.

The licences and works approvals issued for the Premises since 01/01/2004 are:

Instrument log						
Instrument	Issued	Description				
L7134/7	05/01/2004	Licence re-issue				
L7134/8	16/12/2004	Licence re-issue				
L7134/1997/9	17/12/2009	Licence re-issue				
L7134/1997/10	18/12/2014	Licence re-issue with conversion 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

Environmental Protection Act 1986 Licence: L7134/1997/10

File Number: DEC13916



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 April until 31 March in the following year;

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

'CEO' for the purpose of correspondence means;

Manager Licensing (Greater Swan) Department of Environment Regulation Locked Bag 33 CLOISTERS SQUARE WA 6850

Telephone:

(08) 9333 7510

Facsimile:

(08) 9333 7550

Email:

grswanbooragoon@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;

'fugitive emissions' means all emissions not arising from point sources;

'Licence' means this Licence numbered L7134/1997/10 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;

'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 shall immediately recover, or remove and dispose of spills of environmentally hazardous materials outside an engineered containment system.
- 1.2.4 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.¹

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

1.3 Premises operation

There are no specified conditions relating to Premises operation in this section.

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2 Emissions

There are no specified conditions relating to emissions in this section

2.1 Point source emissions to surface water

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

2.2 Point source emissions to groundwater

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

2.3 Emissions to land

There are no specified conditions relating to emissions to land in this section.

2.4 Fugitive emissions

There are no specified conditions relating to fugitive emissions in this section.

2.5 Odour

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

2.6 Noise

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

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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 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 28 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 ¹				
	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	Annual Audit Compliance Report (AACR)				
5.1.4	Complaints summary	None specified				

Note 1: Forms are in Schedule 2

5.3 Notification

There are no specific notification requirements in this section.

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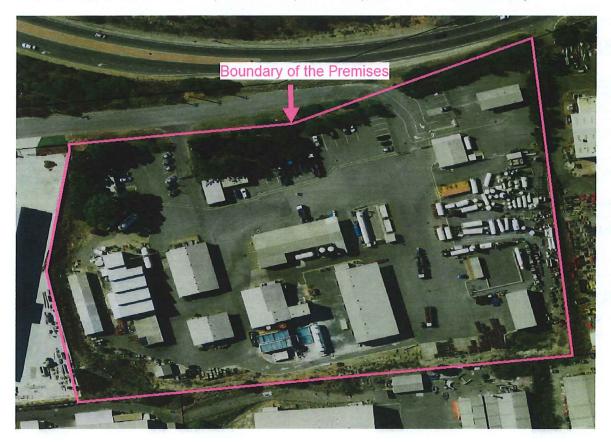
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Schedule 1: Maps

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

Licence Number:		Licence File Number:
Company Name:		ABN:
		ABIN.
Trading as:		
Reporting period:		
	to	
TATEMENT OF COMPLIANCE Were all conditions of the Lice box)		s eporting period? (please tick the appropria
		Yes ☐ Please proceed to Sect
		No ☐ Please proceed to Sec
	e person(s) who signs Section (C of this Annual Audit Compliance Repor
ach page must be initialled by the AACR). nitial:	e person(s) who signs Section (C of this Annual Audit Compliance Repor
AACR).	e person(s) who signs Section (C of this Annual Audit Compliance Repor

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SECTION B

DETAILS OF NON-COMPLIANCE WITH LICENCE CONDITION.

Please use a separate page for each Licen	ce 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?	
Yes Reported to DER verbally Date Reported to DER in writing Date	□ No
d) Has DER taken, or finalised any action in re	lation to the non compliance?:
e) Summary of particulars of the non complian f) If relevant, the precise location where the no	ce, and what was the environmental impact: on compliance occurred (attach map or diagram):
g) Cause of non compliance:	
h) Action taken, or that will be taken to mitigate	e any adverse effects of the non compliance:
i) Action taken or that will be taken to prevent r	ecurrence of the non compliance:
Each page must be initialled by the person(s) w	ho signs Section C of this AACR

Environmental Protection Act 1986 Licence: L7134/1997/10 File Number: DEC13916

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		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		by the principal executive officer of the licensee; or
unincorporated company		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.
		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
A corporation		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 outhority		by the principal executive officer of the licensee; or
A public authority (other than a local government)	- 🗆	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		by the chief executive officer of the licensee; or
a local government		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: Air Liquide W.A. Pty Ltd

Licence: L7134/1997/10

Registered office: Level 9

Royal Domain Centre

380 St Kilda Road MELBOURNE VIC 3004

ACN:

008 694 166

Premises address:

Air Liquide WA Pty Ltd

3 Channel Close

HENDERSON WA 6166

Being Lot 2 on Plan 49057 as depicted in Schedule 1

Issue date:

Thursday, 18 December 2014

Commencement date: Sunday, 04 January 2015

Expiry date:

Friday, 03 January 2020

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:

Peter Knol

Senior Licensing Officer

Decision Document authorised by:

Ed Schuller

Manager Licensing (Process Industries – Metro)



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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 is 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			100	□ ⊠ □	
	Category number(s)			Assessed design capacity	
Activities that cause the premises to become prescribed premises	1996 A 1997 SAN AND BROWN AND AND AND AND AND AND AND AND AND AN	31 Chemical manufacturing		1,650,000 m ³ of Acetylene per year	
Application verified	Date: 21	October 20	014		
Application fee paid	Date: 24	October 20	014		
Works Approval has been complied with	Yes□	No	N//	AM	
Compliance Certificate received	Yes□	No□	N//	AM	
Commercial-in-confidence claim	Yes□	No⊠			
Commercial-in-confidence claim outcome					
Is the proposal a Major Resource Project?	Yes□	No⊠			
Was the proposal referred to the Environmental Protection Authority (EPA) under Part IV of the Environmental Protection Act 1986?	Yes□	No⊠	Referral decision No: Managed under Part V Assessed under Part IV		
Is the proposal subject to Ministerial Conditions?	Ministerial statement No:		sterial statement 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□ No□ Department of Water consulted Yes □ No□					
Is the Premises within an Environmental Protection Policy (EPP) Area Yes⊠ No⊡					
The premises is located in Henderson, which is covered by the <i>Environmental Protection (Kwinana)</i> (Atmospheric wastes) Policy 1999.					
Is the Premises subject to any EPP requirements? Yes No⊠ If Yes, include details here, eg Site is subject to SO₂ requirements of Kwinana EPP.					



3 Executive summary of proposal and assessment

The Air Liquide premises is located in Henderson, within the City of Cockburn. The premises is located within an industrial area called the Australian Marine Complex. It is located approximately 500m from Cockburn Sound.

Air Liquide produces Acetylene via a chemical process. Acetylene is produced by mixing calcium carbide with water. The reaction of water with calcium carbide produces acetylene gas and lime milk as a by-product. Acetylene is then compressed and sent to the filling manifold for cylinder refill and the lime is contained for collection by an external company. The calcium carbide is stored in drums in dedicated storage sheds with a concrete base and sides. The lime is fully contained within concrete pools and a storage tank.

Air Liquide also receives gasses from other sites and redistributes these gasses in different containers for their clients. The premises is a licensed Dangerous Goods site and bunding and storage requirements fall under the jurisdiction of the Department of Mines and Petroleum. There are no discharges of waste to atmoshphere. The entire site is either bimumen or concrete, with stormwater directed to the on site soak.

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Emission Description

Emission: Stormwater contaminated with lime or other contaminents. Impact: Contamination of surrounding land or groundwater. The historic maximum groundlevel is about 1 meter below the ground surface, with a generic direction of the groundwater to the West. The soil in the area is generally limestone material.

Controls: The site is fully hardstand and all chemicals are stored within appropriately bunded storage locations. Spill kits are available to deal with any spills that do occur and are required to be cleaned up as soon as possible.

Risk Assessment

Consequence: Insignificant

Likelihood: Unlikely Risk Rating: Low

Regulatory Controls

L1.2.4 should prevent the stormwater that is directed to the soak from being contaminated with pollutants that could have a negative impact on the environment. If all spills are being cleaned up and any potentially contamated stormwater would be treated prior to discharge into the environment than there should be no negative impact to the environment at all from the stormwater management on site.

supporting documentation

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IRLB_TI0669 v2.6

	N/A	There are no conditions relating to general emissions required to be added to the licence as the premises does not have any emissions of concerns from the processes on site.	N/A	
	N/A	There are no emissions of concerns from the premises and therefore there are neither any requirements for monitoring attached to the licence.	N/A	
	N/A	The premises is fully hard stand, has DG licence, has had no complaints over the last licence period and thus there are no improvements from an environmental point of view to be included as licence conditions.	N/A	
	N/A	Standard record keeping and reporting conditions to be included.	N/A	
h	N/A	There are no emissions of concerns coming from this premises, the site is managed well. The premises is very low risk. Recommendation based upon recent guidance statement is to issue the licence for 20 years	Guidance Statment Licence Duration	

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5 Advertisement and consultation table

Date	Event	Comments received/Notes	How comments were taken into consideration
03/11/2014	Application advertised in West Australian (or other relevant newspaper)	No comments received.	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