



Licence

Environmental Protection Act 1986, Part V

Licensee: Susac Lime Supply Pty Ltd

Licence: L5926/1991/10

Registered office: 1/322 Hay Street
SUBIACO WA 6008

ACN: 009 383 939

Premises address: Susac Lime Supply
Lot 889 on Plan 73009 Karaborup Road
CARABOODA WA 6033

Issue date: Friday, 18 September 2015

Commencement date: Thursday, 1 October 2015

Expiry date: Wednesday, 30 September 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
43	Cement or lime manufacturing: premises on which – (a) clay, lime or limestone material is used in a furnace or kiln in the production of cement clinker or lime; or (b) cement clinker, clay, limestone or similar material is ground.	Not applicable	5,000 tonnes per annual period

Conditions

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

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Lauren Trott
A/Manager Licensing (Process Industries)
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 regulates 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

Susac Lime Supply manufacture lime principally for plasterers lime. There are two wood fired kilns on site producing quick lime from limestone. Slaked lime is produced on site by hydrating the quick lime and storing as a slurry in holding tanks. A packaging plant is used to store the wet product in plastic bags for sale.

The site has been in operation since the mid 1950s and is located in an area principally zoned rural and rural residential.

This Licence is the successor to licence L5926/1991/9 and includes an amendment to a new format licence.

The licences and works approvals issued for the Premises for the 5 years prior to issue of this Licence are:

Instrument log		
Instrument	Issued	Description
L5926/1991/9	12/08/2010	Licence re-issue
L5926/1991/10	17/9/2015	Licence re-issue with change to new 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 August until 31 July in the following year;

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

CEO' for the purpose of correspondence means;
Chief Executive Officer
Department Administering the Environmental Protection Act 1986
Locked Bag 33
CLOISTERS SQUARE WA 6850
Email: info@der.wa.gov.au

'Licence' means this Licence numbered L5926/1991/10 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;

'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 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.

1.1.5 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 General conditions

1.2.1 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.



- 1.2.2 The Licensee shall immediately recover, or remove and dispose of spills of environmentally hazardous materials outside an engineered containment system.
- 1.2.3 The Licensee shall implement all practical measures to prevent stormwater run-off becoming contaminated by the activities on the Premises

1.3 Premises operation

- 1.3.1 The licensee shall ensure that lime burning kilns are fired only on LPG, LNG or dry wood.

2 Emissions

2.1 General

- 2.1.1 The Licensee shall record and investigate the exceedance of any descriptive limit specified in any part of section 2.2 of this Licence.

2.2 Fugitive emissions

- 2.2.1 The licensee shall ensure that all parts of the premises to which vehicles have access:
 - (a) are either paved or sealed: or
 - (b) treated with water as often as is necessary; and
 - (c) are swept, hosed or otherwise cleared of any loose aggregate, sand, cement or other material as often as necessary, to prevent loose material adhering to vehicles and to minimize dust.
- 2.2.2 The licensee shall ensure that all areas on the premises from which dust may be generated are areas on the premises from which dust may be generated are maintained in a moist condition.

3 Information

3.1 Records

- 3.1.1 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 3.1.1(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.
- 3.1.2 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.
- 3.1.3 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.
- 3.1.4 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.

3.2 Reporting

3.2.1 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 3.2.1 in the format or form specified in that table.

Table 3.2.1: 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
3.1.3	Compliance	Annual Audit Compliance Report (AACR)
3.1.4	Complaints summary	None specified

Note 1: Forms are in Schedule 2

3.3 Notification

3.3.1 The Licensee shall ensure that the parameters listed in Table 3.3.1 are notified to the CEO in accordance with the notification requirements of the table.

Table 3.3.1: Notification requirements			
Condition or table (if relevant)	Parameter	Notification requirement ¹	Format or form ²
2.1.1	Breach of any limit specified in the Licence	As soon as practicable but no later than 5pm of the next usual working day.	N1

Note 1: Notification requirements in the Licence shall not negate the requirement to comply with s72 of the Act

Note 2: Forms are in Schedule 2



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"/> <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: _____

NAME:
(printed) _____

POSITION: _____

DATE: ____/____/____

SEAL (if signing under seal)

SIGNATURE: _____

NAME:
(printed) _____

POSITION: _____

DATE: ____/____/____



Licence: L5926/1991/10
Form: N1

Licensee: Susac Lime Supply Pty Ltd
Date of breach:

Notification of detection of the breach of a limit.

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	
Name of operator	
Location of Premises	
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	



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 Xxxx Xxxx	
Date	



Environmental Protection Act 1986, Part V

Licence: L5926/1991/10

Expiry date: Wednesday, 30 September 2020

Decision Document authorised by: Lauren Trott
Delegated Officer



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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.



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
	43	5 000 tonnes per annual period
Application verified	Date: 26/06/2015	
Application fee paid	Date: 15/07/2015	
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	None	
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

Susac Lime Supply manufacture lime principally for plasterers lime. There are two wood fired kilns on site producing quick lime from limestone. Slaked lime is produced on site by hydrating the quick lime and storing as a slurry in holding tanks. A packaging plant is used to store the wet product in plastic bags for sale. There is no wastewater discharge as part of this process.

The premises is located in Carabooda about 470 metres from Lake Carabooda. The nearest single dwelling is about 150 metres south east from the activity area on a rural residential property. The nearest residential development is about 2.5 km to the south west.

There are no watercourses or drainage channels running through the property.

The possible environmental impacts from the prescribed activity are:

- Smoke from the wood fired kilns
- Dust from vehicle movements
- Contaminated stormwater runoff.

This licence is the successor to licence L5926/1991/9 and has been converted to the new format. Emissions at this premises have not been re-assessed in the granting of this licence.



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
General conditions	L1.2.1 –L1.2.3	<p>The risk from discharge of contaminated stormwater has been reassessed as part of this licence.</p> <p>Operation <u>Emission Description</u> <i>Emission:</i> Stormwater contaminated from contact with lime manufacture raising the pH and causing particulate and calcium contamination. <i>Impact:</i> Potential contamination of surrounding land down gradient of the facility. There are no surface drainage channels on the premises which lead directly to Lake Carabooda. Potential impacts on ecology of land and water ecosystems caused by rising pH and calcium. <i>Controls:</i> The proponent maintains a sealed bunded area where the hydrated lime is produced. Process water is recycled and uncontaminated stormwater is directed away from the lime process and storage areas.</p> <p><u>Risk Assessment</u> <i>Consequence:</i> Minor <i>Likelihood:</i> Unlikely <i>Risk Rating:</i> Moderate</p> <p><u>Regulatory Controls</u> Condition 1.2.3 has been added to the licence to require the operator to operate and maintain a surface water management system that directs stormwater around areas of</p>	<p>Application supporting documentation</p> <p><i>Environmental Protection Act 1986 (EP Act)</i></p> <p><i>Environmental Protection (Unauthorised Discharges) Regulations, 2004</i></p> <p><i>Dangerous Goods Safety (Storage and Handling of Non-explosives) Regulations 2007</i></p>



DECISION TABLE			
Works Approval / Licence section	Condition number W = Works Approval L= Licence	Justification (including risk description & decision methodology where relevant)	Reference documents
		<p>potential contamination and prevent contaminated stormwater leaving the site. This condition replaces condition 5 of the previous licence and no longer prescribes emission criteria as this issue is addressed by the of the <i>Environmental Protection (Unauthorised Discharges) Regulations, 2004</i>. The discharge criteria from the previous licence was not applicable to an authorised discharge point and therefore has not been retained.</p> <p>Conditions 6(c) and 6(d) from the previous licence were related to the storage of diesel and the intent of these conditions are now satisfied by Condition 1.2.2 which requires that all spills of chemicals are recovered and removed. Conditions 6(a) and 6(b) have not been retained in the granting of this licence as the storage of dangerous goods are regulated by the <i>Dangerous Goods Safety (Storage and Handling of Non-explosives) Regulations 2007</i>. The risk of contaminated water or land from diesel storage is low and is adequately regulated by alternative regulatory mechanisms.</p> <p><u>Residual Risk</u> <i>Consequence</i>: Minor <i>Likelihood</i>: Rare <i>Risk Rating</i>: Low</p>	
Premises operation	L1.3.1	Premises operation has not been reassessed as part of this licence review. Condition L1.3.1 replaces condition 2 of the previous licence. Coke and methane have been removed as permitted fuels and replaced with LNG. This is to reflect current practices on site and allow the licensee to consider using cleaner fuels.	
Emissions general	L2.1.1	Descriptive limits will be set through condition 2.6.2 of the licence and therefore condition regarding recording and investigation of exceedances of limits has been included.	N/A
Point source emissions to	N/A	The risk from point source emissions to air, surface water, land, and groundwater have not been reassessed as part of this re-issue. Potential impacts from stormwater	N/A



DECISION TABLE			
Works Approval / Licence section	Condition number W = Works Approval L= Licence	Justification (including risk description & decision methodology where relevant)	Reference documents
air, surface water, land, groundwater including monitoring		contamination have been addressed in the risk assessment for the General Conditions above. There are no conditions relating to point source emissions to air, surfacewater, land, and groundwater in the previous or existing licence.	
Fugitive emissions	L2.2.1 L2.2.2.	The risk from fugitive emissions have not been reassessed as part of this licence. Condition 2.2.1 replaces conditions 3(a) and 3(b) of the previous licence and Condition 2.2.2 replaces condition 4 of the previous licence. The intent of previous conditions 3(1), 3(b) and 4 are adequately satisfied by conditions 2.2.1 and 2.2.2.	N/A
Information	L3.1.1 – 3.1.4 L3.2.1 L3.3.1	Condition 3.1.1 is a new condition regarding the keeping of records Condition 3.1.2 is a new condition requiring that a person in charge of the premises be aware of, and have access too the licence. Condition 3.1.3 replaces condition 7 of the previous licence Condition 3.1.4 replaces condition 1 (a) and 1(b) of the previous licence. Condition 3.2.1 replaces condition 8 of the previous licence L3.3.1 has been included to requires that the licensee should report to DER any breach of limits specified in the licence	
Licence Duration	N/A	The reissue of the licence will allow the duration to be for 5 years, as the premise is currently deemed low risk.	



5 Advertisement and consultation table

Date	Event	Comments received/Notes	How comments were taken into consideration
27/07/2015	Application advertised in West Australian.	No comments were 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