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

Your ref L8548/2011/2
Our ref 2011/003578-1
Enquiries R. Vukmirovic
Phone (08) 9964 3946
Fax (08) 9921 5713
Email rachel.vukmirovic@der.wa.gov.au

Mr Bill McSharer
Administration/Business Manager
PO Box 162
JOONDALUP WA 6919

Dear Mr McSharer

***ENVIRONMENTAL PROTECTION ACT 1986*: LICENCE GRANTED**
Premises: Winchester Quarry, Lot 600 on Plan 74377 and Lot 5 on Diagram 9312, 1 Midland Road, CARNAMAH WA 6517
Licence Number: L8548/2011/2

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 Rachel Vukmirovic on (08) 9964 3946.

Yours sincerely

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

28 August 2014

TL0602_v2.0

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

Licence

Environmental Protection Act 1986, Part V

Licensee: Avago Pty Ltd (trading as Winchester Industries)

Licence: L8548/2011/2

Registered office:	9 Sundercombe St OSBORNE PARK WA 6017
ACN:	009 410 539
Premises address:	Winchester Quarry 1 Midlands Road CARNAMAH WA 6517 Being Lot 600 on Plan 74377 and Lot 5 on Diagram 9312 As depicted in Schedule 1
Issue date:	Thursday, 28 August 2014
Commencement date:	Tuesday, 09 September 2014
Expiry date:	Sunday, 08 September 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
12	Screening etc. of material: premises (other than premises within category 5 or 8) on which material extracted from the ground is screened, washed, crushed, ground, milled, sized or separated.	50 000 tonnes or more per year	More than 100 000 tonnes per year but not more than 500 000 tonnes 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*

Contents

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 Winchester Quarry is located approximately 4 km south of the Carnamah town site, and approximately 310 km north of Perth, within the Shire of Carnamah. The Yarra Yarra Salt Lakes are located a short distance to the west of the premises (approximately 5 km). This wetland system is the closest sensitive environmental feature. The nearest residence is located approximately 1.5 km to the west of the extractive industry, however the Carnamah Golf Course is located approximately 400 metres to the north-east of the site.

Granite rock has been excavated from the site for many years using blasting and excavation processes. The site first became licenced in 2011 after it was found to be operating above the Category 12 threshold. The site also had a licence to operate an asphalt plant on the premises between October 2011 and November 2011.

Key environmental impacts from the premises include hydrocarbon storage, noise and dust emissions. A licence compliance inspection in October 2013 identified issues regarding potential hydrocarbon contamination from the diesel storage facility and washdown bay onsite. This licence introduces a series of improvement requirements requiring the upgrade of containment facilities.

This Licence is the successor to licence L8548/2011/1 and has been converted into the new REFIRE format.

The licences and works approvals issued for the Premises since 01/01/1995 are:

Instrument log		
Instrument	**Issued**	**Description**
W1298/1995/1	23/10/1995	New Works Approval
L8548/2011/1	08/09/2011	New Licence
L8548/2011/2	28/8/2014	Licence reissue and amendment 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 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 (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 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;

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

'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 identified in Sections 2.2, 2.3, 2.4, 2.5;

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

'Licence' means this Licence numbered L8548/2011/2 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 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 materials 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.[1]

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 ensure that waste material and contaminated water are only discharged into containment sumps provided within the infrastructure detailed in Table 1.3.1.

Table 1.3.1: Containment infrastructure

Containment cell or dam number(s)	Material	Infrastructure requirements
Diesel storage and refuelling station	Contaminated stormwater and liquid waste	After 09/12/14 have an impervious, appropriately sized containment area to ensure that all appropriate chemicals are stored safely (in accordance with IR2 of condition 4.1.1).
Washdown bays	Washdown water	After 09/12/14 have a hardstand washdown area with all run-off diverted to an oil and water separator (in accordance with IR1 of condition 4.1.1)

1.3.2 The Licensee shall ensure that any hydrocarbon contaminated soils are:
(a) disposed of for remediation at a licenced landfill; or
(b) remediated on site on an impermeable hardstand that will ensure no surface runoff can occur from that site.

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.

2.3 Point source emissions to surface water

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

2.4 Point source emissions to groundwater

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

2.5 Emissions to land

There are no specified conditions relating to emissions to land 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 the activities of the Premises crosses the boundary of the Premises

2.6.3 The Licensee shall implement and adhere to the Dust Management Plan in the application document titled "Works Approval Licence Application, Revision 2b" and dated July 2011.

2.7 Odour

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

2.8 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

4.1.1 The Licensee shall complete the improvements in Table 4.1.1 by the date of completion in Table 4.1.1.

4.1.2 The Licensee, for improvements not specifically requiring a written submission, shall write to the CEO stating whether and how the Licensee is compliant with the improvement within one week of the completion date specified in Table 4.1.1.

Table 4.1.1: Improvement program

Improvement reference	Improvement	Date of completion
IR1	The Licensee shall install an appropriately designed and sized oil and water separator at the washdown bay (location shown in schedule 1). The Licensee shall ensure drainage from the washdown hardstand is diverted to the oil and water separator.	09/12/14
IR2	The Licensee shall construct an appropriate concrete pad and bund under and around the diesel storage tank connecting to the diesel refuelling hardstand area (location shown in schedule 1). The Licensee shall ensure the concrete bund meets the requirements of AS 1940-2004, The storage and handling of flammable and combustible liquids.	09/12/14

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
-	A summary of throughput (in tonnes)	None specified
2.6.1-2.6.3	Measures taken to suppress dust	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

5.3.1 The Licensee shall ensure that the parameters listed in Table 5.3.1 are notified to the CEO in accordance with the notification requirements of the table.

Table 5.3.1: Notification requirements

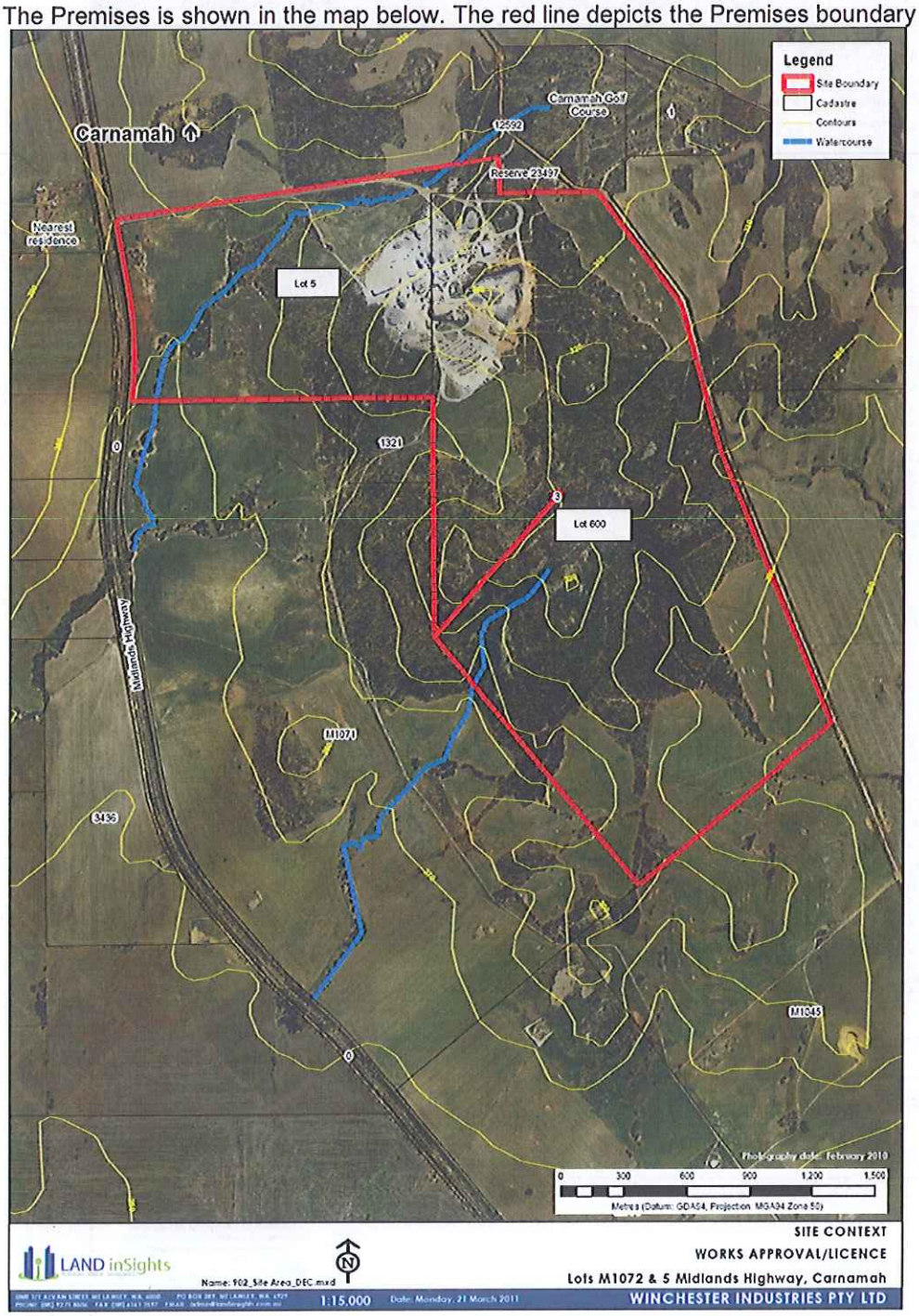
Condition or table (if relevant)	Parameter	Notification requirement[1]	Format or form[2]
2.1.1	Breach of any limit specified in the Licence	Part A: As soon as practicable but no later than 5pm of the next usual working day. Part B: As soon as practicable	N1
-	Any failure or malfunction of any pollution control equipment or any incident, which has caused, is causing or may cause pollution		

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

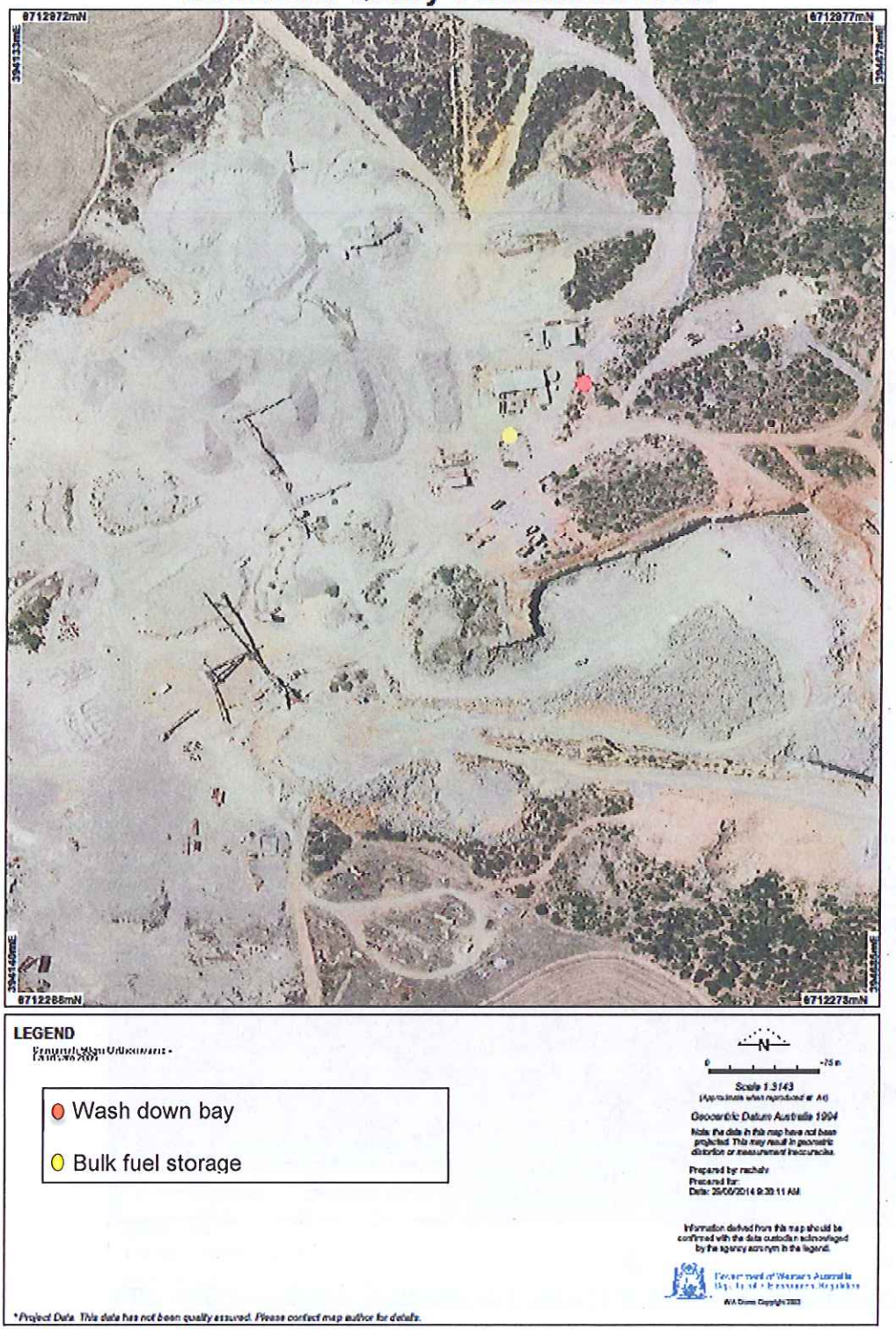
Premises map

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



Containment infrastructure: The location of the diesel storage and the wash down bays.

Winchester Quarry Containment Areas



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?:	
☐ Yes ☐ Reported to DER verbally Date _____ ☐ Reported to DER in writing Date _____	☐ 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	□ □	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	□ □	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	□ □ □ □ □ □	by affixing the common seal of the licensee in accordance with the *Corporations Act 2001*; or by two directors of the licensee; or by a director and a company secretary of the licensee, or if the licensee is a proprietary company that has a sole director who is also the sole company secretary – by that director, or by the principal executive officer of the licensee; or by a person with authority to sign on the licensee's behalf who is approved in writing by the Chief Executive Officer of the Department of Environment Regulation.
A public authority (other than a local government)	□ □	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	□ □	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: _____/_____/_____

SIGNATURE: _____

NAME:
(printed) _____

POSITION: _____

DATE: _____/_____/_____

SEAL (if signing under seal)

Licence:	L8548/2011/2	Licensee:	Avago Pty Ltd (trading as Winchester Industries)
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	
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	

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 Avago Pty Ltd	
Date	

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

Decision Document

Environmental Protection Act 1986, Part V

Proponent: **Avago Pty Ltd (trading as Winchester Industries)**

Licence: **L8548/2011/2**

Registered office:	9 Sundercombe St OSBORNE PARK WA 6017
ACN:	009 410 539
Premises address:	Winchester Quarry 1 Midlands Road CARNAMAH WA 6517 Being Lot 600 on Plan 74377 and Lot 5 on Diagram 9312 As depicted in Schedule 1
Issue date:	28 August 2014
Commencement date:	Tuesday, 09 September 2014
Expiry date:	Sunday, 08 September 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.

Decision Document prepared by:	Rachel Vukmirovic Licensing Officer
Decision Document authorised by:	Stephen Checker Manager Licensing

Contents

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, 5.1.2 and 5.3.1.

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 as a result of this application 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	Works Approval ☐ New Licence ☒ Licence amendment ☐ Works Approval amendment ☐	
Activities that cause the premises to become prescribed premises	**Category number(s)**	**Assessed design capacity**
	12	100 000 tonnes per annum
Application verified Application fee paid	Date: 08/07/14 Date: 31/07/14	
Works Approval has been complied with Compliance Certificate received	Yes☐ No☐ N/A☒ Yes☐ No☐ N/A☒	
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?	Yes☐ No☒	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 *Environmental Protection Act 1986*)?	Yes☐ No☒ Department of Water consulted Yes ☐ No ☐	
Is the Premises within an Environmental Protection Policy (EPP) Area Yes☐ No☒ If Yes include details of which EPP(s) here.		
Is the Premises subject to any EPP requirements? Yes☐ No☒ If Yes, include details here, eg Site is subject to SO_2 requirements of Kwinana EPP.		

3 Executive summary of proposal and assessment

The Winchester Quarry is located approximately 4 km south of the Carnamah town site, and approximately 310 km north of Perth, within the Shire of Carnamah. The Yarra Yarra Salt Lakes are located a short distance to the west of the premises (approximately 5 km). This wetland system is the closest sensitive environmental feature. The nearest residence is located approximately 1.5 km to the west of the extractive industry, however the Carnamah Golf Course is located approximately 400 metres to the north-east of the site.

Granite rock has been excavated from the site for many years using blasting and excavation processes. The site first became licenced in 2011 after it was found to be operating above the Category 12 threshold. The site also had a licence to operate an asphalt plant on the premises between October 2011 and November 2011.
Key environmental impacts from the premises include hydrocarbon storage, noise and dust emissions. A licence compliance inspection in October 2013 identified issues regarding potential hydrocarbon contamination from the diesel storage facility and washdown bay onsite. This licence introduces a series of improvement requirements requiring the upgrade of containment facilities.

This Licence is the successor to licence L8548/2011/1 and has been converted into the new REFIRE format.

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**	**OSC or NSC**	**Justification (including risk description & decision methodology where relevant)**	**Reference documents**
General conditions	L1.2.3-1.2.5 L1.3.1 L1.3.2	OSC NSC NSC	Emission Description *Emission:* Stormwater contaminated from washdown bays, hydrocarbon storage area, and associated activities discharges to ground on a haphazard, inconsistent basis. *Impact:* Contamination of surrounding land and surface water drainage systems from the addition of hydrocarbon residues, sediments, oil and grease and heavy metals. *Controls:* Currently the stormwater on site either runs into the surrounding landscape or leaches directly through the soil. Water from the vehicle washdown bays are not diverted to an oil and water separator. Currently environmentally hazardous materials are not stored in accordance with the code of practice for the storage and handling of dangerous goods. The diesel storage and refuelling area have been leaking and do not have an appropriate concrete bund under and around the diesel storage tanks and refuelling hardstand area. Risk Assessment *Consequence:* Moderate *Likelihood:* Possible *Risk Rating:* Moderate	General provisions of the *Environmental Protection Act 1986.* *Environmental Protection (Unauthorised Discharges) Regulations 2004.*

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**
			Regulatory Controls SC1.2.1-1.2.5 are standard conditions within the REFIRE format placed within the reissued licence. SC1.2.3 has also replaced conditions 4 and 5 in the previous licence. SC1.2.4 has also replaced condition 6 in the previous licence. SC1.2.5 has replaced condition 1 in the previous licence. NSC1.3.1 and table 1.3.1 includes details of the containment infrastructure to ensure that waste material and contaminated water are contained and therefore do not pollute the surrounding soils. This has been included to replace conditions 2 and 3 in the previous licence. NSC1.3.2 has been included to replace conditions 6 in the previous licence. Residual Risk *Consequence:* Moderate *Likelihood:* Unlikely *Risk Rating:* Moderate	
Emissions general	L2.1.1		Descriptive limits will be set through conditions NSC2.6.1 of the licence and therefore OSC2.1.1 regarding recording and investigation of exceedances of limits or targets has been included.	
Point source emissions to air including monitoring	N/A	N/A	There are no point source emissions to air from the premises, SC2.1.1 applies.	General provisions of the *Environmental Protection Act 1986.*
Point source emissions to surface water including	N/A	N/A	There are no point source emissions to surface water from the premises, SC2.1.1 applies.	General provisions of the *Environmental Protection Act 1986.*

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**
monitoring				*Environmental Protection (Unauthorised Discharges) Regulations 2004.*
Point source emissions to groundwater including monitoring	N/A	N/A	There are no point source emissions to groundwater from the premises, SC2.1.1 applies.	General provisions of the *Environmental Protection Act 1986.*
Emissions to land including monitoring	N/A	N/A	There are no point source emissions to land from the premises, SC2.1.1 applies.	General provisions of the *Environmental Protection Act 1986.* *Environmental Protection (Unauthorised Discharges) Regulations 2004.*
Fugitive emissions	L2.6.1, L2.6.2 L2.6.3	OSC NSC	<u>Emission Description</u> *Emission*: Dust is likely to be generated from blasting, excavation, crushing, screening and stockpiling processes. *Impact:* Nuisance impacts to nearby receptors. The closest residence is located approximately 1.5km to the west of the site. Carnamah Golf Course is located approximately 400m to the north east of the site. The closest environmentally sensitive receptor is the Yarra Yarra Lake system (approximately 5 km). *Controls:* Winchester Industries has a Dust Management Plan for the site.	General provisions of the *Environmental Protection Act 1986.*

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**
			Risk Assessment *Consequence:*Minor *Likelihood:* Likely *Risk Rating:*Moderate Regulatory Controls OSC 2.6.1 and 2.6.2 replace conditions 8, 9 and 10 in the previous licence. NSC2.6.3 replaces condition 11 in the previous licence and requires a dust management plan be implemented. Residual Risk *Consequence:* Minor *Likelihood:* Possible *Risk Rating:* Moderate	
Odour	N/A	N/A	Odour has not been reassessed as part of this amendment. As the previous licence did not impose controls on odour, no specified conditions have been included. SC1.2.1 applies.	General provisions of the *Environmental Protection Act 1986.*
Noise	N/A	N/A	Noise has not been reassessed as part of this amendment. As the previous licence did not impose controls on noise, no specified conditions have been included. The *Environmental Protection (Noise) Regulations 1997* and SC 1.2.1 apply.	*Environmental Protection (Noise) Regulations 1997* General provisions of the *Environmental Protection Act 1986*
Monitoring general	N/A	N/A	There is no requirement for general monitoring conditions.	

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**
Monitoring of inputs and outputs	N/A	N/A	As the previous licence did not require monitoring of inputs and outputs no specified conditions have been included in this section.	
Process monitoring	N/A	N/A	As the previous licence did not require process monitoring no specified conditions have been included in this section.	
Ambient quality monitoring	N/A	N/A	As the previous licence did not require ambient quality monitoring no specified conditions have been included in this section.	
Meteorological monitoring	N/A	N/A	As the previous licence did not require meteorological monitoring no specified conditions have been included in this section.	
Improvements	L4.1.1-L4.1.2	OSC	Due to repeated non compliances with previous licence conditions 1-6 on stormwater management, vehicle washdown areas, diesel storage and refuelling areas, storage of dangerous goods and containment of contaminated soils, improvement conditions IR1, IR2 and IR3 listed in table 4.1.1 have been included. Some of these issues have been identified in the "Scope of Works" for the site conducted by Midwest Concepts and Solutions Pty Ltd in March 2014.	General provisions of the *Environmental Protection Act 1986*
Information	L5.1.1-5.1.4 L5.2.1 L5.3.1		SC5.1.1-5.1.4 are standard conditions within the REFIRE format included in this current licence. SC5.1.3 also replaces condtion 15 in the previous licence. 5.1.4 also replaces condition 14(b)(ii) and (iii) in the previous licence. SC5.2.1 and table 5.2.1 replaces condtion 14(a) and 14(b)(i) in the previous licence	General provisions of the *Environmental Protection Act 1986*
Licence Duration	N/A	N/A	The Licence is issued for a five year period. The premises is considered to be a moderate risk site with a history of non-compliance issues that have been considered in the improvement section of the Licence.	

5 Advertisement and consultation table

Date	Event	Comments received/Notes	How comments were taken into consideration
11/08/2014	Application advertised in West Australian (or other relevant newspaper)	None received	N/A
29/08/2014	Proponent sent a copy of draft instrument	None 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