



Mr Ray Smith
Operations Manager
Catwest Pty Ltd
PO Box 1077
GERALDTON WA 6530

Dear Mr Smith

ENVIRONMENTAL PROTECTION ACT 1986 – AMENDMENT TO LICENCE

Licence: L8729/2013/1
Premises: Catwest Pty Ltd

Further to my letter dated 08 January 2015, please find enclosed your amended *Environmental Protection Act 1986* licence.

If you have any questions or objections relating to the licence, please do not hesitate to contact the enquiries officer above on (08) 9964 0901 for clarification or discussion of any grievances you have.

If you are concerned about, or object to any aspect of the amendment, you may lodge an appeal with the Minister for the Environment within 21 days from the date on which this licence is received. The Office of the Appeals Convenor can be contacted on 6467 5190 to find out the procedure and fee.

Members of the public may also appeal the amendments. The Appeals Registrar at the Office of the Appeals Convenor can be contacted after the closing date of appeals to check whether any appeals were received.

Yours sincerely

Jonathan Bailes
Officer delegated under Section 20
of the *Environmental Protection Act 1986*

5 February 2015

enc: L8729/2013/1 – Amended Licence
copy to: Local Government Authority: City of Greater Geraldton



Licence

Environmental Protection Act 1986, Part V

Licensee: Catwest Pty Ltd

Licence: L8729/2013/1

Registered office: 9 Urch Street
 BERESFORD WA 6532

ACN: 125 426 539

Premises address: Narngulu Asphalt Plant
 21 Foskew Way
 NARNGULU WA 6532
 Being Lot 138 on Diagram 77301 as depicted in Schedule 1.

Issue date: Thursday, 15 August 2013

Commencement date: Monday, 19 August 2013

Expiry date: Saturday, 18 August 2018


Prescribed Premises Category

Schedule 1 of the *Environmental Protection Regulations 1987*

Category number	Category description	Category production or design capacity	Premises production or design capacity
35	Asphalt manufacturing: premises on which hot or cold mix asphalt is produced using crushed or ground rock aggregates mixed with bituminous or asphaltic materials for use at a place or premises other than those premises.	Not applicable	25,000 tonnes per annual period

Conditions of Licence

Subject to the conditions of the licence 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.

Who we are

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

Our industry licensing role

DER has responsibilities under Part V of the *Environmental Protection Act 1986* (the Act) for the licensing of prescribed premises. We also monitor and audit compliance with works approvals and licence conditions, take enforcement action as appropriate and develop and implement licensing and industry regulation policy.

Licence requirements

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

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

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

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

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



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

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 the Environment. You are required to comply with any conditions imposed by the Minister.

Premises description and Licence summary

The Catwest Pty Ltd Narngulu Asphalt Plant is located in the Narngulu Industrial Precinct - an area zoned 'General Industry' with buffers established in the City of Greater Geraldton Town Planning Scheme to prevent residential encroachment. The closest residence to the Premises is located over 1.5 km to the east.

Up to 25,000 tonnes per year of hot mix asphalt will be manufactured onsite in a batch mix process in which an enclosed conveyor feeds aggregate from a cold feed unit into an insulated rotary dryer. The aggregates are stockpiled in three-sided, concrete bays.

Aggregate is heated via a dryer and mixed with bitumen in the pug mill, which is insulated and enclosed to retain heat and minimise dust and odour emissions. Combusted air from the process passes through a baghouse filter prior to discharge to the atmosphere via a stack.

This Licence has been amended to include administrative corrections, changes and updates.

The licences and works approvals issued for the Premises are:

Instrument log		
Instrument	Issued	Description
W5327/2012/1	01/02/2013	Works Approval
L8729/2013/1	15/08/2013	New licence
L8729/2013/1	05/02/2015	Licence amendment for administrative changes

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 In the 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;

'AS 4323.1' means the Australian Standard AS 4323.1 *Stationary Source Emissions Method 1: Selection of sampling positions*;

'averaging period' means the time over which a limit or target is measured or a monitoring result is obtained;

'CEMS' means continuous emissions monitoring system;

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

'CEO' for the purpose of correspondence means;

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

'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 identified in Section 2.2;

'Licence' means this Licence numbered L8729/2013/1 and issued under the *Environmental Protection Act 1986*;

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

'NATA' means the National Association of Testing Authorities, Australia;



'NATA accreditation' means in relation to the analysis of a sample that the laboratory is NATA accredited for the specified analysis at the time of the analysis;

'normal operating conditions' means any operation of a particular process (including abatement equipment) excluding start-up, shut-down and upset conditions, in relation to stack sampling or monitoring;

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

'PM' means total particulate matter including both solid fragments of material and miniscule droplets of liquid;

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

'shut-down' means the period when plant or equipment is brought from normal operating conditions to inactivity;

'start-up' means the period when plant or equipment is brought from inactivity to normal operating conditions;

'STP dry' means standard temperature and pressure (0°Celsius and 101.325 kilopascals respectively), dry;

'USEPA' means United States (of America) Environmental Protection Agency;

'USEPA' Method 5' means USEPA Method 5 for the determination of particulate matter emissions from stationary sources;

'USEPA' Method 17' means USEPA Method 17 for the determination of particulate matter emissions from stationary sources; and

'waste' has the meaning defined in the *Environmental Protection Act 1986*;

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:
 - (a) the baghouse is operational prior to start up of the drier and operated continuously whilst the drier is operating;
 - (b) the baghouse filters are regularly inspected; and
 - (c) when detected, blocked, frayed or leaking, baghouse filters are immediately replaced.
- 1.3.2 The Licensee shall ensure that bulk materials are stored in a manner which minimises the generation of airborne dust.

2 Emissions

2.1 General

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

2.2 Point source emissions to air

- 2.2.1 The Licensee shall ensure that where waste is emitted to air from the emission points in Table 2.2.1 it is done so in accordance with the conditions of this Licence.

Table 2.2.1: Emission points to air			
Emission point reference	Emission Point	Emission point height (m)	Source, including any abatement
A1	Plant Stack	6.1	Drum drier via baghouse

- 2.2.2 The Licensee shall target point source emissions to air at or below the levels specified in Table 2.2.2.

Table 2.2.2: Point source emission targets to air			
Emission point Reference	Parameter	Target (including units)¹	Averaging period
A1	PM (Particulate Matter)	≤50 mg/m ³	1 hour

Note 1: All units are referenced to STP dry and 6% O₂



2.2.3 The Licensee shall take the relevant management action in the case of an event in Table 2.2.3

Table 2.2.3: Management actions			
Emission point reference	Event/ action reference	Event	Management action
A1	EA1	Start up	The Licensee shall take all practical measures to minimise emissions.
A1	EA2	Fuming	The Licensee shall reduce the temperature of the asphalt mix if blue smoke is detected
A1	EA3	Baghouse failure	The Licensee shall cease operations immediately if any baghouse damage or malfunction is detected
A1	EA4	Shut down	The Licensee shall take all practical measures to minimise emissions.

2.2.4 Following the cessation of emissions/operation under Condition 2.2.3, the Licensee shall not restart operation of the process until:

- (a) the problem that caused the exemption event has been rectified; or
- (b) the Licensee records the actions taken to maintain compliance with the Licence until the problem causing the exemption event has been rectified.

2.3-2.4 Point source emissions to surface water and groundwater

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

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 or, 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.

2.7 Odour

2.7.1 The Licensee shall ensure that odour emitted from the Premises does not unreasonably interfere with the health, welfare, convenience, comfort or amenity of any person who is not on the Premises.

2.8 Noise

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



3 Monitoring

3.1 General monitoring

- 3.1.1 The licensee shall ensure that:
 - (a) all stationary source selections of sampling positions is conducted in accordance with AS 4323.1; and
 - (b) all laboratory samples are submitted to and tested by a laboratory with current NATA accreditation for the parameters being measured unless indicated otherwise in the relevant table.
- 3.1.2 The Licensee shall ensure that annual monitoring is undertaken at least 9 months apart.
- 3.1.3 The Licensee shall record production or throughput data and any other process parameters relevant to any non-continuous or CEMS monitoring undertaken.
- 3.1.4 The Licensee shall, where the requirements for calibration cannot be practicably met, or a discrepancy exists in the interpretation of the requirements, bring these issues to the attention of the CEO accompanied with a report comprising details of any modifications to the methods.

3.2 Monitoring of point source emissions to air

- 3.2.1 The Licensee shall undertake the monitoring in Table 3.2.1 according to the specifications in that table.

Table 3.2.1: Monitoring of point source emissions to air				
Emission point reference	Parameter²	Units¹	Frequency	Method
A1	Particulates	mg/m ³ g/s	Annually	USEPA Method 5 or USEPA Method 17

Note 1: All units are referenced to STP dry and 6% O₂

Note 2: Monitoring shall be undertaken to reflect normal operating conditions and any limits or conditions on inputs or production.

3.3-3.4 Monitoring of point source emissions to surface water and groundwater

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

3.5 Monitoring of emissions to land

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

3.6 Monitoring of inputs and outputs

There are no specified conditions relating to monitoring of inputs and outputs in this section.

3.7 Process monitoring

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

3.8-3.9 Ambient environmental quality and meteorological monitoring

There are no specified conditions relating to ambient environmental quality or meteorological 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 groundwater.

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 year.

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 at the Contact Address an annual environmental report within 31 calendar days after of 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 or any incidents that have occurred during the year and any action taken	None specified
Table 2.2.2	Summary of target exceedences	None specified
Table 2.2.3	Summary of management actions undertaken	None specified
Table 3.2.1	Monitoring of point source emissions to air	AR1
5.1.3	Compliance	AACR
5.1.4	Complaints summary	None specified

Note 1: Forms are in Schedule 2



- 5.2.2 The Licensee shall ensure that the annual environmental report also contains:
- (a) any relevant process, production or operational data recorded under Condition 3.1.3; and
 - (b) an assessment of the information contained within the report against previous monitoring results and Licence limits and/or targets; and
- 5.2.3 The Licensee shall submit the information in Table 5.2.2 to the CEO at the Contact Address according to the specifications in that table.

Table 5.2.2: Non-annual reporting requirements				
Condition or table (if relevant)	Parameter	Reporting period	Reporting date² (after end of the reporting period)	Format or form¹
-	Copies of original monitoring reports submitted to the Licensee by third parties	Not Applicable	Within 14 days of the CEO's request	As received by the Licensee from third parties
Table 2.2.3	Target exceedances	Quarterly	31 calendar days	ET1

Note 1: Forms are in Schedule 2.

Note 2: Report only required if a target exceedance occurred within the reporting period.

5.3 Notification

There are no specific notification requirements in this section.



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:	ABN:
Trading as:	
Reporting period: _____ to _____	

STATEMENT OF COMPLIANCE WITH LICENCE CONDITIONS

1. Were all conditions of the Licence complied with within the reporting period? (please tick the appropriate box)

Yes Please proceed to Section C

No Please proceed to Section B

Each page must be initialled by the person(s) who signs Section C of this Annual Audit Compliance Report (AACR).

Initial:



SECTION 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"/> No
<input type="checkbox"/> Reported to DER verbally Date _____	
<input type="checkbox"/> Reported to DER in writing Date _____	
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"/>	by affixing the common seal of the licensee in accordance with the <i>Corporations Act 2001</i> ; or by two directors of the licensee; or by a director and a company secretary of the licensee, or if the licensee is a proprietary company that has a sole director who is also the sole company secretary – by that director, or by the principal executive officer of the licensee; or by a person with authority to sign on the licensee's behalf who is approved in writing by the Chief Executive Officer of the Department of Environment Regulation.
A public authority (other than a local government)	<input type="checkbox"/> <input type="checkbox"/>	by the principal executive officer of the licensee; or by a person with authority to sign on the licensee's behalf who is approved in writing by the Chief Executive Officer of the Department of Environment Regulation.
a local government	<input type="checkbox"/> <input type="checkbox"/>	by the chief executive officer of the licensee; or by affixing the seal of the local government.

It is an offence under section 112 of the *Environmental Protection Act 1986* for a person to give information on this form that to their knowledge is false or misleading in a material particular. There is a maximum penalty of \$50,000 for an individual or body corporate.

I/We declare that the information in this annual audit compliance report is correct and not false or misleading in a material particular.

SIGNATURE: _____

SIGNATURE: _____

NAME:
(printed) _____

NAME:
(printed) _____

POSITION: _____

POSITION: _____

DATE: ____/____/____

DATE: ____/____/____

SEAL (if signing under seal)



Licence: L8729/2013/1
Form: AR1
Name: Monitoring of point source emissions to air

Licencee: Catwest Pty Ltd
Period :

Form AR1: Monitoring of point source emissions to air							
Emission point	Parameter	Target	Result ¹ (mg/m ³)	Result ¹ (g/s)	Averaging period	Method	Sample date & times
A2	Particulates	≤50 mg/m ³	mg/m ³	g/s	1 hour	USEPA Method 5 or USEPA Method 17	

Note 1: All units are referenced to STP dry and 6% O₂

Signed on behalf of Catwest Pty Ltd: Date:



Licence: L8729/2013/1
Form: ET1
Name: Target exceedances

Licence: Catwest Pty Ltd
Period:

Form ET1: Target exceedances

Please provide an analysis of the target exceedances for the month, including but not limited to:

- (a) the emission point
- (b) the root cause analysis for the exceedances;
- (c) any common or contributory factors including but not limited to fuel, mass emissions, gas flow rates, inlet & exit temperature, abatement status;
- (d) a description of remedial measures taken or planned to be taken, including those taken to prevent recurrence of the exceedances;
- (e) complaints received that may have been caused by this exceedance; and
- (f) for those exceedances that may have caused complaints, meteorological details: temperature, wind speed and wind direction, humidity.

Signed on behalf of Catwest Pty Ltd: Date:



Decision Document

Environmental Protection Act 1986, Part V

Proponent: Catwest Pty Ltd

Licence: L8729/2013/1

Registered office: 9 Urch Street
BERESFORD WA 6530

ACN: 125 426 539

Premises address: Narngulu Asphalt Plant
21 Foskew Way
NARNGULU WA 6532
Being Lot 138 on Diagram 77301.

Issue date: Thursday, 15 August 2013

Commencement date: Monday, 19 August 2013

Expiry date: Saturday, 18 August 2018

Decision

Based on the assessment detailed in this document the Department of Environment Regulation (DER), has decided to issue an amended licence. DER considers that in reaching this decision, it has taken into account all relevant considerations.

Decision Document prepared and authorised by: Steve Checker
Manager Licensing



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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	Works Approval <input type="checkbox"/>	
	New Licence <input type="checkbox"/>	
	Licence amendment <input checked="" type="checkbox"/>	
	Works Approval amendment <input type="checkbox"/>	
Activities that cause the premises to become prescribed premises	Category number(s)	Assessed design capacity
	35	25,000 tonnes per annual period
Application verified	Date: N/A	
Application fee paid	Date: N/A	
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	N/A	
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 checked="" type="checkbox"/>	
Is the Premises within an Environmental Protection Policy (EPP) Area	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
If Yes include details of which EPP(s) here.		
Is the Premises subject to any EPP requirements?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
If Yes, include details here, e.g. Site is subject to SO ₂ requirements of Kwinana EPP.		



3 Executive summary of proposal and assessment

The Catwest Pty Ltd Narngulu Asphalt Plant is located in the Narngulu Industrial Precinct - an area zoned 'General Industry' with buffers established in the City of Greater Geraldton Town Planning Scheme to prevent residential encroachment. The closest residence to the Premises is located over 1.5 km to the east.

Up to 25,000 tonnes per year of hot mix asphalt will be manufactured onsite in a batch mix process in which an enclosed conveyor feeds aggregate from a cold feed unit into an insulated rotary dryer. The aggregates are stockpiled in three-sided, concrete bays.

Aggregate is heated via a dryer and mixed with bitumen in the pug mill, which is insulated and enclosed to retain heat and minimise dust and odour emissions. Combusted air from the process passes through a baghouse filter prior to discharge to the atmosphere via a stack.

The Licence has been amended to include administrative changes and updates.



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

Licence section	Condition number L= Licence	OSC or NSC	Justification (including risk description & decision methodology where relevant)	Reference documents
General conditions	L1.1		The Licence condition definitions have been updated including the contact details for the purposes of correspondence.	
	L1.2.2 – L1.2.3		SC1.2.2 and SC 1.2.3 have been updated with the more recent REFIRE version format. SC1.2.5 has been updated with the more recent REFIRE version format.	
	L1.2.5		The premises design capacity was changed to 25,000 tonnes per annual period as this had been incorrectly recorded previously as 35 tonnes. This now aligns with the Premises description given and the assessment originally carried out for the Premises.	
Premises operation	L1.3	N/A	The instrument log has been updated. This condition has not been changed or altered through the amendment process.	N/A
Emissions general	L2.1.1	N/A	This condition has not been changed or altered through the amendment process.	N/A
Point source emissions to air including monitoring	L2.2.1-L2.2.3	OSC	OSC2.2.1 to OSC2.2.3 have been updated with the more recent REFIRE version format and correcting of numerical errors has been completed.	
Point source emissions to surface water including monitoring	L2.3 L3.3	N/A	This section has not been reassessed as part of the amendment process. No issues have been raised in relation to surface water.	

DECISION TABLE

Licence section	Condition number L= Licence	OSC or NSC	Justification (including risk description & decision methodology where relevant)	Reference documents
Point source emissions to groundwater including monitoring	L2.4 L3.4	N/A	This section has not been reassessed as part of the amendment process. No issues have been raised in relation to groundwater.	
Emissions to land including monitoring	L2.5 L3.5	N/A	This section has not been reassessed as part of the amendment process. No issues have been raised in relation to emissions to land.	
Fugitive emissions	L2.6	N/A	This section has not been reassessed as part of the amendment process. Conditions already exist within the Licence to address potential fugitive emissions.	
Odour	L2.7	N/A	This section has not been reassessed as part of the amendment process. Conditions already exist within the Licence to address potential odour issues.	
Noise	L2.8	N/A	This section has not been reassessed as part of the amendment process. No issues have been raised in relation to noise emissions.	
Monitoring general	L3.1.1 L3.1.2 L3.1.3 L3.1.4	OSC OSC OSC OSC	OSC 3.1.1 replaces and updates old conditions 3.2.2 and 3.2.3. OSC 3.1.2 replaces and updates 'Note 3' from Table 3.2.1. Previous condition 3.1.1 has been moved to OSC3.1.3. OSC3.1.4 has been included in support of previous condition 3.1.1	N/A
Monitoring of inputs and outputs	L3.6	N/A	This section has not been reassessed as part of the amendment process. No issues have been raised in relation to monitoring of inputs or outputs.	
Process monitoring	L3.7	N/A	This section has not been reassessed as part of the amendment process. No issues have been raised in relation to process monitoring.	
Ambient quality monitoring	L3.8	N/A	This section has not been reassessed as part of the amendment process. No issues have been raised in relation to ambient quality monitoring.	



DECISION TABLE

Licence section	Condition number L= Licence	OSC or NSC	Justification (including risk description & decision methodology where relevant)	Reference documents
Meteorological monitoring	L3.9	N/A	This section has not been reassessed as part of the amendment process. No issues have been raised in relation to meteorological monitoring.	
Improvements	L4.1	N/A	No improvement conditions have been included through this amendment process.	
Information	L5.2.1	OSC	Table 5.2.1 has been updated to include greater reporting requirements from the conditions already within the Licence. Submission of information relating to Table 2.2.2 has been included for a summary of target exceedences for the year. OSC5.2.2(a) has been corrected to align with condition 3.1.3. Schedule 2: Reporting and notification forms have been replaced and updated with current REFIRE format versions.	
Licence Duration	N/A	N/A	The Premises has been Licenced for a period of 5 years in accordance with DER procedure. There are no issues which warrant limiting the licencing period for the Premises. The Premises is considered a low risk site. One complaint has been received since operation of the premises began relating to odour. The Licensee carried out an infrastructure upgrade within a week of the complaint and since then there have been no further issues reported. Conditions already exist within the Licence to address odour issues.	

5 Advertisement and consultation table

Date	Event	Comments received/Notes	How comments were taken into consideration
09/02/2015	Application advertised in West Australian (or other relevant newspaper)	Nil	N/A
12/01/2015	Proponent sent a copy of draft instrument	Nil	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