



# Licence

## *Environmental Protection Act 1986, Part V*

**Licensee:** Ausvision Rural Services Pty Ltd

**Licence:** L8613/2011/2

**Registered office:** 28 Charles St  
SOUTH PERTH WA 6151

**ACN:** 106 075 763

**Premises address:** Hillside Meat Processors  
Boxsell Road  
NARROGIN WA 6312  
Being Lot 50 on Diagram 80743 and Lot 6 on Plan 233183  
as depicted in Schedule 1

**Issue date:** Friday, 27 September 2013

**Commencement date:** Saturday, 12 October 2013

**Expiry date:** Tuesday, 11 October 2018

**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
15	Abattoir: Premises on which animals are slaughtered.	1 000 tonnes or more per year	16,200 tonnes of livestock per annual period
55	Livestock saleyard or holding pen: Premises on which live animals are held pending their sale, shipment or slaughter.	10 000 animals or more per year	900,000 animals per annual period

**Conditions**

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

Date signed: 11 January 2016

.....  
Jonathan Bailes  
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

Hillside Meat Processors is located approximately 9 km north of Narrogin and is surrounded by farmland. The closest sensitive receptor is a residence approximately 1.8 km north-east of the Premises. The premises is located in the Narrogin Brook catchment with water table estimated to be at least 4 m deep and not prone to water logging.

The Premises currently operates an abattoir and livestock saleyard. Sheep are delivered to the livestock saleyard and held pending their slaughter. The livestock saleyards consist of roofed pens and a concrete floor. All wastewater generated by the abattoir and saleyards is discharged to the wastewater treatment system. Treated wastewater is evaporated or irrigated on site. Solids are screened and removed from the wastewater stream through a solids separator. Solid waste (manure, sludge, and paunch material) is collected daily, semi-dried on the concrete pad adjacent to the solids separator, and then buried in the onsite burial pits. No solid waste is applied to land on the Premises.

The premises currently has an inactive rendering plant onsite. The previous licence included conditions authorising operation of this rendering plant. This licence amendment, initiated by the licensee is to remove authorisation for rendering onsite. The duration of the licence has not been reviewed. The licences and works approvals issued for the Premises since 01/10/2000 are:

Instrument log		
Instrument	Issued	Description
L5456/1989/4	01/10/2000	Licence reissue
L5456/1989/5	01/10/2001	Licence reissue
L5456/1989/6	01/10/2002	Licence reissue
L5456/1989/7	12/10/2003	Licence reissue
L5456/1989/8	12/10/2004	Licence reissue
L5456/1989/9	12/10/2005	Licence reissue
L5456/1989/10	12/10/2006	Licence reissue
L5456/1989/11	12/10/2007	Licence reissue
L5456/1989/12	12/10/2010	Licence reissue
L8613/2011/1	24/11/2011	Licence reissue
L8613/2011/1	23/8/2012	Licence transferred
L8613/2011/2	10/10/2013	Licence reissue
L8613/2011/2	7/01/2016	Licence amendment – to remove Category 16.

### 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 January until 31 December in the same year;

**'AS/NZS 5667.1'** means the Australian Standard AS/NZS 5667.1 *Water Quality – Sampling – Guidance of the Design of sampling programs, sampling techniques and the preservation and handling of samples*;

**'AS/NZS 5667.10'** means the Australian Standard AS/NZS 5667.10 *Water Quality – Sampling – Guidance on sampling of waste waters*;

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

**'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](mailto:info@der.wa.gov.au);

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

**'freeboard'** means the distance between the maximum water surface elevations and the top of retaining banks or structures at their lowest point;

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

**'irrigation area'** means the area designated for disposal of treated wastewater and as depicted in Schedule 1;

**'leachate'** means a liquid containing contaminants leached from the waste mass produced as water percolates;

**'Licence'** means this Licence numbered L8613/2011/2 and issued under the Act;

**'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 accredited'** 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;



**'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;

**'solid waste'** means manures, sludge and paunch material collected from the holding pens and abattoir operations;

**'spot sample'** means a discrete sample representative at the time and place at which the sample is taken;

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

**'usual working day'** means 0800 – 1700 hours, Monday to Friday excluding public holidays in Western Australia; and

**'Wastewater Treatment System'** means the wastewater treatment ponds depicted in the Map of Monitoring Locations in Schedule 1 and which are used to treat and contain wastewater generated on the premises prior to disposal via irrigation.

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.

1.1.5 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:

- (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.<sup>1</sup>

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 implement control measures to prevent infestations of pests, flies and vermin at the Premises.
- 1.3.2 The Licensee shall ensure that all wastewaters from abattoir and livestock saleyard operations including wash-down water, by-products wastewater and contaminated run-off are directed to a wastewater treatment system.
- 1.3.3 The Licensee shall maintain an effective wastewater treatment system that shall include:
- (a) a solids separation system; and
  - (b) an impervious pond system for treatment of wastewater to reduce nitrogen, phosphorous and biological oxygen demand levels.
- 1.3.4 The Licensee shall ensure that wastes are only stored and/or treated within vessels or compounds provided with the infrastructure detailed in Table 1.3.1.

**Table 1.3.1: Containment infrastructure**

Storage vessel or compound	Material	Infrastructure requirements
Solids separator	Wastewater	Concrete lined.
Pond 1 & 2 (anaerobic ponds)	Wastewater	Lined to achieve a permeability of at least $<10^{-9}$ m/s or equivalent
Pond 3 & 4 (aerobic ponds)	Wastewater	Lined to achieve a permeability of at least $<10^{-9}$ m/s or equivalent
Pond 5 & 6 (evaporation ponds)	Wastewater	Lined to achieve a permeability of at least $<10^{-9}$ m/s or equivalent
Screened solids storage area	Screened solids	A bunded hardstanding area capable of preventing surface run-off of leachate and sludge.
Burial pit / area	Carcasses, solid waste	Clay lined to achieve permeability of at least $<10^{-9}$ m/s or equivalent.

- 1.3.5 The Licensee shall manage the wastewater treatment ponds such that:
- (a) a minimum top of embankment freeboard of 400mm is maintained;
  - (b) storm water runoff is prevented from causing the erosion of outer pond embankments;
  - (c) overtopping of the wastewater treatment ponds does not occur except as a result of an extreme rainfall event (greater than 1 in 10 year event of 72 hours duration);
  - (d) vegetation and floating debris (emergent or otherwise) is prevented from encroaching onto pond surfaces or inner pond embankments;
  - (e) trapped overflows shall be maintained between treatment ponds to prevent carry-over of surface floating matter to subsequent ponds; and
  - (f) no overflow leaves the Premises.
- 1.3.6 The Licensee shall ensure that all solids are collected from all screens, traps and other similar devices at least daily.
- 1.3.7 The Licensee shall ensure that where wastes produced on the Premises are not taken off-site for lawful use or disposal, they are only subject to the on-site processes described in Table 1.3.2.





Table 1.3.2: Processing of materials		
Waste type	Process	Process requirements
Treated wastewater	Evaporation	None
	Re-used for wash down	None
	Irrigated	(a) irrigation is only undertaken in accordance with the Nutrient and Irrigation Management Plan; (b) irrigation does not occur in areas where the water table rises to within 2m of the surface during the irrigation period; (c) bunding/cut-off drains are maintained adjacent to treated wastewater irrigation areas such that run-off only discharges to a designated location; (d) no irrigation generated run-off, spray drift or discharge occurs beyond the boundary of the Premises; (e) wastewater is evenly distributed over the irrigation area; (f) no soil erosion occurs; and (g) a healthy vegetation cover is maintained over the wastewater irrigation areas.
Carcasses and spadeable animal materials	On-site burial	(a) the base of the trench is at least 2m above the highest known groundwater table; (b) burial sites are 50m away from watercourses and the premises boundary; (c) carcasses and waste material are covered with at least 500mm of soil, on at least a monthly basis; and (d) the number of animal carcasses buried is recorded for the duration of the licence.
	Offsite disposal	Within 24 hours of death, the licensee shall dispose of carcasses and other rendering material collected from the abattoir floor to: (a) a licensed composting facility; or (b) a licensed rendering facility; or (c) a licensed landfill facility.

1.3.8 The licensee shall not apply any artificial fertilizer containing nitrogen or phosphorus within areas subject to treated wastewater irrigation or land application of solid wastes.

1.3.9 The Licensee shall conduct daily visual inspection of the waste water treatment ponds and associated infrastructure to ensure they are managed in accordance with condition 1.3.5.

1.3.10 The Licensee shall not undertake rendering of animal waste.



## 2 Emissions

### 2.1 General

2.1.1 The Licensee shall record and investigate the exceedance of any descriptive or numerical limit specified in any part of section 2 of this Licence.

### 2.2 Emissions to land

2.2.1 The Licensee shall ensure that where waste is emitted to land from the emission points in Table 2.2.1 and identified on the map of emission points in Schedule 1 it is done so in accordance with the conditions of this Licence.

Table 2.2.1: Emissions to land		
Emission point reference and location on Map of emission points	Description	Source including abatement
L1, L2	Disposal of treated wastewater on authorised irrigation area	Wastewater generated from operations onsite treated through Wastewater Treatment System

2.2.2 The Licensee shall not cause or allow emissions to land greater than the limits listed in Table 2.2.2.

Table 2.2.2: Emission limits to land			
Emission point reference	Parameter	Limit (including units)	Averaging period
L1, L2	Total Phosphorus	50 kg per hectare	Annual
	Total Nitrogen	300 kg per hectare	Annual
	Biochemical Oxygen Demand <sub>5</sub>	30 kg per hectare	Daily





## 3 Monitoring

### 3.1 General monitoring

3.1.1 The licensee shall ensure that:

- (a) all water samples are collected and preserved in accordance with AS/NZS 5667.1;
- (b) all wastewater sampling is conducted in accordance with AS/NZS 5667.10; and
- (c) 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:

- (a) monthly monitoring is undertaken at least 15 days apart; and
- (b) quarterly monitoring is undertaken at least 45 days apart.

### 3.2 Monitoring of emissions to land

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 emissions to land				
Monitoring point reference	Parameter	Units	Averaging period	Frequency
M1 - Final waste water treatment pond (Pond 6) outlet	pH	-	Spot sample	Quarterly
	Total Suspended Solids (TSS)	mg/L		
	5-Day Biochemical Oxygen Demand (BOD5)	mg/L		
	Total Nitrogen (TN)	mg/L		
	Total Phosphorus (TP)	mg/L	Spot sample	Daily basis whilst irrigation is taking place
	Volume of treated wastewater discharged to the on-site paddock for irrigation	kL		

### 3.3 Monitoring of inputs and outputs

3.3.1 The Licensee shall undertake the monitoring in Table 3.3.1 according to the specifications in that table.

Table 3.3.1: Monitoring of inputs and outputs				
Input/Output	Parameter	Units	Averaging period	Frequency
Input	Livestock (received)	Number of livestock	Monthly	Each batch arriving at Premises
Output	Sheep carcass	Tonnes	Monthly	Monthly



## 4 Information

### 4.1 Records

- 4.1.1 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 4.1.1(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.
- 4.1.2 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.
- 4.1.3 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.
- 4.1.4 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.

### 4.2 Reporting

- 4.2.1 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 4.2.1 in the format or form specified in that table.

Table 4.2.1: Annual Environmental Report		
Condition or table (if relevant)	Parameter	Format or form <sup>1</sup>
-	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
4.1.3	Compliance	Annual Audit Compliance Report (AACR)
4.1.4	Complaints summary	None specified
Table 3.2.1	Monthly record of volume of wastewater discharge	-
Table 3.2.1	pH, BOD <sub>5</sub> , TSS, TN, TP	-
Table 3.3.1	Livestock and Sheep carcasses processed	Tonnes per year

Note 1: Forms are in Schedule 2

- 4.2.2 The Licensee shall ensure that the Annual Environmental Report also contains an assessment of the information contained within the report against previous monitoring results and Licence limits.



### 4.3 Notification

- 4.3.1 The Licensee shall ensure that the parameters listed in Table 4.3.1 are notified to the CEO in accordance with the notification requirements of the table.

Table 4.3.1: Notification requirements			
Condition or table (if relevant)	Parameter	Notification requirement <sup>1</sup>	Format or form <sup>2</sup>
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 red line depicts the Premises boundary.







## Map of emission points

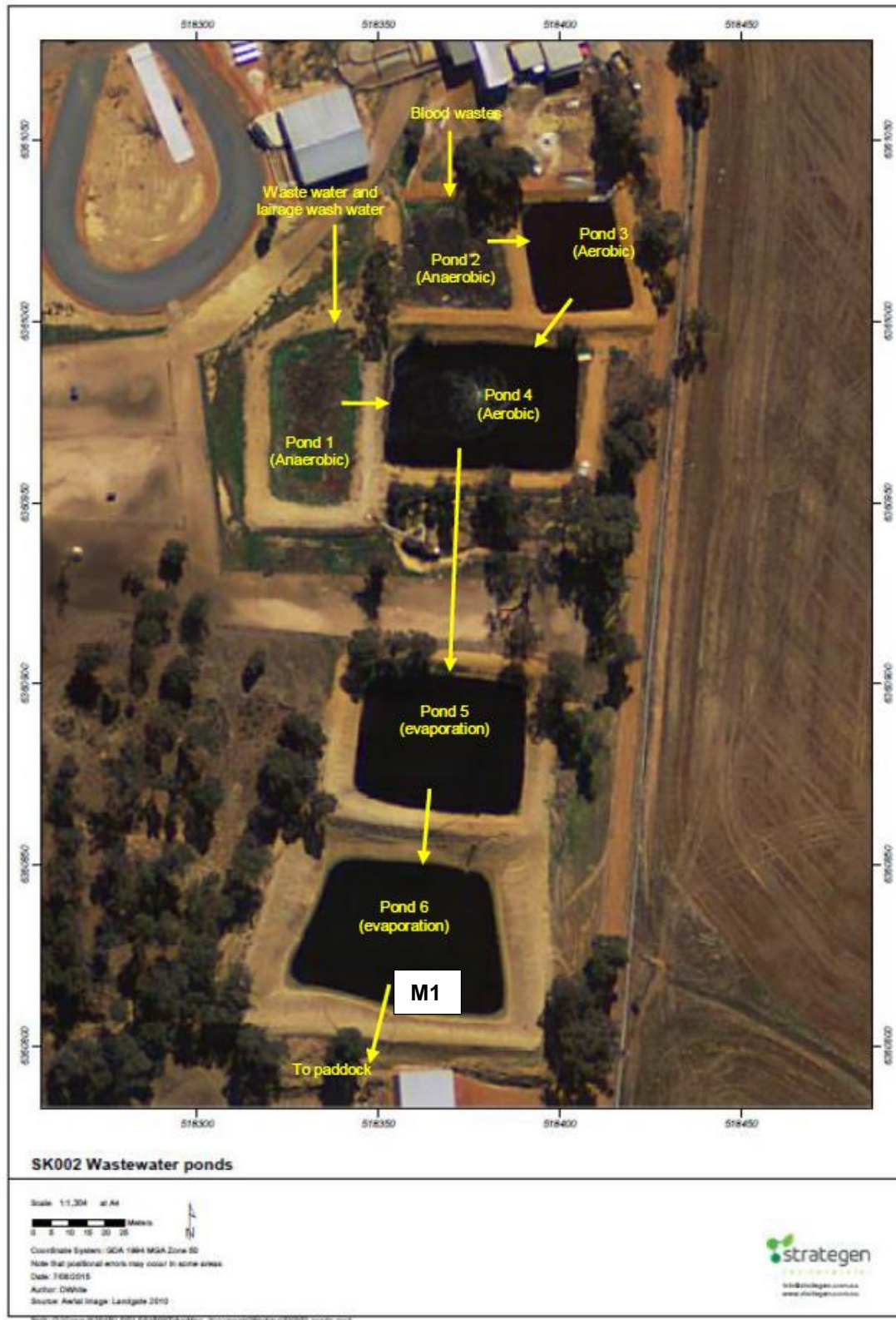
The locations of the emission points defined in Table 2.3.1 are shown below.





## Map of monitoring locations

The location of the monitoring point defined in Table 3.2.1 is shown below.





## 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.

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### 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: L8613/2011/2  
Form: N1

Licensee: Ausvision Rural Services 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 Ausvision Rural Services Pty Ltd	
Date	



# Decision Document

## *Environmental Protection Act 1986, Part V*

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**Proponent:** Ausvision Rural Services Pty Ltd

**Licence:** L8613/2011/2

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**Registered office:** 28 Charles St  
SOUTH PERTH WA 6151

**ACN:** 106 075 763

**Premises address:** Hillside Meat Processors  
Boxsell Road  
NARROGIN WA 6312  
Being Lot 50 on Diagram 80743 and Lot 6 on Plan 233183

**Issue date:** Friday, 27 September 2013

**Commencement date:** Saturday, 12 October 2013

**Expiry date:** Tuesday, 11 October 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 by: Gargi Joshi  
Licensing Officer

Decision Document authorised by: Jonathan Bailes  
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 type="checkbox"/> Licence amendment <input checked="" type="checkbox"/> Works Approval amendment <input type="checkbox"/>	
Activities that cause the premises to become prescribed premises	<b>Category number(s)</b>	<b>Assessed design capacity</b>
	15	16,200 tonnes per annual period
	55	900 000 animals per annual period
Application verified	Date: Not applicable	
Application fee paid	Date: Not applicable	
Works Approval has been complied with	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	
Compliance Certificate received	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	
Commercial-in-confidence claim	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Commercial-in-confidence claim outcome		
Is the proposal a Major Resource Project?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Was the proposal referred to the Environmental Protection Authority (EPA) under Part IV of the <i>Environmental Protection Act 1986</i> ?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Referral decision No: Managed under Part V <input type="checkbox"/> Assessed under Part IV <input type="checkbox"/>
Is the proposal subject to Ministerial Conditions?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Ministerial statement No: EPA Report No:
Does the proposal involve a discharge of waste into a designated area (as defined in section 57 of the <i>Environmental Protection Act 1986</i> )?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Department of Water consulted Yes <input type="checkbox"/> No <input type="checkbox"/>	
Is the Premises within an Environmental Protection Policy (EPP) Area Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
Is the Premises subject to any EPP requirements? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		



### 3 Executive summary of proposal and assessment

Hillside Meat Processors is located approximately 9 km north of Narrogin and is surrounded by farmland. The closest sensitive receptor is a residence approximately 1.8 km north-east of the Premises. The Premises currently operates an abattoir and livestock saleyard.

The premises is located in the Narrogin Brook catchment with water table estimated to be at least 4 m deep and not prone to water logging. The premises is situated on upper to lower slopes on irregularly undulating terrain, largely devoid of rock outcrops with slopes ranging from 3 - 5 %.

The soil is colluvial with fresh rock soils, comprised of gradational red and brown loams, clay loams and loamy duplexes with minor sandy duplexes and gritty yellow sands. The soils have been assessed as sandy loams with infiltration rates of 20 mm/hr and a phosphorus retention index of 50. Soils are at least 50 cm deep and with clay subsoil at 50-80 cm. The abattoir is connected to mains water supply.

Sheep are delivered to the livestock saleyard and held pending their slaughter. The livestock saleyards consist of roofed pens and a concrete floor. They are directly adjacent to the abattoir and contained within a controlled drainage area. The abattoir operation entails the slaughtering and processing of up to 16,200 tonnes of livestock (sheep) per year.

All wastewater generated by the abattoir and saleyards is discharged to a wastewater treatment system. Solids are screened and removed from the wastewater stream through a solids separator. The wastewater treatment system consists of two anaerobic, two aerobic, and two evaporation ponds. All ponds are clay lined. Treated wastewater is evaporated or irrigated on an area of 37 hectare (as per an approved Nutrient Irrigation Management Plan) from the final evaporation pond when the water level approaches the 400mm freeboard level. Solid waste (manure, sludge, and paunch material) is collected daily, semi-dried on a concrete pad adjacent to the solids separator, and then buried in the onsite burial pits. No solid waste is applied to land on the Premises.

A truck washdown area on the premises is concreted and drains to the existing wastewater ponds. Key emissions from the premises include discharge of treated wastewater for irrigation, disposal of solid waste, manure and carcasses in burial pits onsite, and associated odour emissions.

As requested by the Licensee on 27 August 2015, this licence amendment is for the removal of prescribed premises category 16 and associated conditions authorising rendering on site. A compliance inspection conducted at the premises on 13 April 2015 noted that rendering plant onsite (constructed and operated under previous ownership) remains onsite however is not operational. The inspection report also noted that dead animals from the lairage area are buried onsite while dead animals from the abattoir are sent to a rendering plant offsite. It is noted that design capacity of the rendering plant triggers category 16 threshold as specified in Schedule 1 of the *Environmental Protection Regulations 1987*. This licence does not authorise undertaking of rendering activity onsite. DER has considered whether the risk profile of emissions and discharges from other activities on the premises has significantly changed since the previous licence was granted. No significant changes have occurred. The duration of the Licence has not changed as a result of this amendment.





## 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	-	<p><b>Operation</b></p> <p><u>Emission Description</u> <i>Emission:</i> Spills, leaks of hydrocarbons stored on premises <i>Impact:</i> Potential of soil contamination and indirect contamination of stormwater/ surface water. Narrogin Brook, which is a tributary to Arthur River, is in proximity to the premises. Numerous small drainage lines, seasonal in nature, intersect the premises and flow into the surface water body. There is potential for localised impact and potential alteration of the environment spills are not controlled. <i>Controls:</i> Hydrocarbons and other chemicals used onsite are stored in drums, on hardstand and within an area that has secondary containment.</p> <p><u>Risk Assessment</u> <i>Consequence:</i> Moderate <i>Likelihood:</i> Unlikely <i>Risk Rating:</i> Moderate</p> <p><u>Regulatory Controls</u> Previous licence condition requiring storage of environmentally hazardous material in accordance with the Code of Practice for the storage and handling of dangerous goods has not been retained. Potential emissions from improper storage and handling can be managed under general provisions of the EP Act or under <i>Environmental Protection (Unauthorised Discharges) Regulations 2004</i>.</p>	<i>Environmental Protection (Unauthorised Discharges) Regulations 2004</i>



DECISION TABLE			
Works Approval / Licence section	Condition number W = Works Approval L= Licence	Justification (including risk description & decision methodology where relevant)	Reference documents
		<p>Condition 1.2.2 regarding immediate recovery and removal of spills has been retained. Condition 1.2.3 requiring the licensee to implement practical measures to prevent stormwater contamination and to treat potentially contaminated stormwater prior to discharge has been retained.</p> <p><u>Residual Risk</u>  <i>Consequence</i>: Moderate  <i>Likelihood</i>: Unlikely  <i>Risk Rating</i>: Moderate</p>	
Premises operation	L1.3.7, L1.3.10	Condition 1.3.7 has been updated to remove authorisation for disposal of animal waste/ carcasses by rendering onsite. Condition 1.3.10 has been added to ensure that rendering is not undertaken onsite. DER has considered whether the risk profile of emissions and discharges from other activities on the premises has significantly changed since the previous licence was granted. No new premises specific conditions are considered necessary.	-
Emissions general	L2.1.1	Numeric limits set through previous licence have been retained. Condition 2.1.1 has been updated to accommodate template changes.	-
Point source emissions to air including monitoring	-	Section 2.2 on the previous licence included conditions to manage dark smoke emissions. These conditions were relevant to rendering activities on the premises. As the premises is not to undertake rendering now these conditions are not considered necessary. Emissions to air are not considered key for current activities on the premises including abattoir and saleyard. No new conditions have been specified.	-
Point source emissions to surface water including monitoring	-	Previous licence did not authorise point source emissions to surface water. No new conditions have been specified through this amendment.	-



DECISION TABLE			
Works Approval / Licence section	Condition number W = Works Approval L= Licence	Justification (including risk description & decision methodology where relevant)	Reference documents
Point source emissions to groundwater including monitoring	-	Previous licence did not authorise point source emissions to groundwater. No new conditions have been specified through this amendment.	-
Emissions to land including monitoring	L2.2.1- 2.2.2	Discharge of treated wastewater for irrigation had been assessed and authorised under previous licence. Condition 2.2.1 has been added to authorise discharge to these emission points. Emission limits to land specified on previous licence have been retained through Condition 2.2.2.	-
Fugitive emissions	-	<p><u>Emission Description</u>  <i>Emission:</i> Dust emissions may be generally expected from similar operations due to vehicle movement, movement of cattle on the premises and operation of the saleyard.  <i>Impact:</i> Potential reduction in air quality and amenity if excessive dust emissions due to activities on premises occur. The closest sensitive receptor is a residence approximately 1.8 km north-east of the Premises.  <i>Controls:</i> Livestock saleyards on the premises consists of roofed pens and a concrete floor. Much of the trafficable areas on site are hardstand. The premises is situated in an agricultural landscape</p> <p><u>Risk Assessment</u>  <i>Consequence:</i> Insignificant  <i>Likelihood:</i> Unlikely  <i>Risk Rating:</i> Low</p> <p><u>Regulatory Controls</u>  Fugitive dust emissions from the premises can be managed under general provisions of the EP Act 1986.</p>	<p>DER <i>Guidance Statement: Setting Conditions, Division 3, Part V, Environmental Protection Act 1986, September 2015</i></p> <p>Administrative changes implemented within the Department of Environment Regulation;  <a href="http://www.der.wa.gov.au">www.der.wa.gov.au</a></p>



DECISION TABLE			
Works Approval / Licence section	Condition number W = Works Approval L= Licence	Justification (including risk description & decision methodology where relevant)	Reference documents
Odour	L1.3.3, 1.3.6, 1.3.7, 4.1.4	<p>Significant odour emissions are generally associated with rendering activities. As the premises will not be undertaking rendering, these emissions are not likely. Some odour emissions may still be expected from other activities on the premises. See risk assessment below.</p> <p><u>Emission Description</u> <i>Emission:</i> Odour emissions are likely from the anaerobic wastewater treatment ponds, animal holding pens, skins handling/ product storage areas, livestock transport vehicles and carcass/ solid waste disposal areas. <i>Impact:</i> The premises is located approximately 9km from Narrogin town site in an agricultural surrounding. Nearest residence is approximately 1.8km north east of the premises. There is potential for localised impact and local complaints if odour emissions are not adequately managed. There is no record of odour complaints associated with activities on the premises. <i>Controls:</i> Previous compliance inspection of the premises has noted that there is no odour control for abattoir operations. This would indicate that housekeeping and waste management are key operational measures for odour control. Odour emissions from wastewater treatment system are minimised by maintaining a floating solids cover on anaerobic ponds and using the solids separator to reduce biochemical oxygen demand of wastewater entering the system.</p> <p><u>Risk Assessment</u> <i>Consequence:</i> Minor <i>Likelihood:</i> Possible <i>Risk Rating:</i> Moderate</p> <p><u>Regulatory Controls</u> Condition 1.3.3 requiring the licensee to maintain a solids separation system has been retained. Condition 1.3.6 requiring daily collection of solids from all screens, traps etc has been retained. Process requirements regarding burial of carcasses and spadeable</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>material including covering with soil, location of burial pits have been retained through condition 1.3.7. Process requirements regarding offsite disposal of carcasses within 24 hours of animal death has been retained through condition 1.3.7. Condition 4.1.4 regarding maintenance of a complaints register has been retained.</p> <p>Unreasonable odour emissions from the premises can be managed under general provisions of the EP Act. Accordingly condition 2.7.1 from previous licence regarding odour emissions has not been retained.</p> <p><u>Residual Risk</u> <i>Consequence</i>: Minor <i>Likelihood</i>: Unlikely <i>Risk Rating</i>: Moderate</p>	
Monitoring general	-	<p>General monitoring requirements previously specified through condition 3.1.1 have been retained. Condition 3.1.2 stipulating duration between monitoring events is added.</p> <p>Previous licence condition 3.1.2 requiring inspection of wastewater treatment ponds has been retained through condition 1.3.9 of the premises operation section.</p>	-
Monitoring of inputs and outputs	-	Input/ output monitoring requirements previously prescribed through section 3.6 of the licence are retained through condition 3.3.1.	-
Process monitoring	-	No process monitoring requirements were specified previously. DER has considered whether the risk profile of emissions and discharges from other activities on the premises has significantly changed since the previous licence was granted. No new conditions are considered necessary.	-



DECISION TABLE			
Works Approval / Licence section	Condition number W = Works Approval L= Licence	Justification (including risk description & decision methodology where relevant)	Reference documents
Ambient quality monitoring	-	No ambient monitoring requirements were specified previously. DER has considered whether the risk profile of emissions and discharges from other activities on the premises has significantly changed since the previous licence was granted. No new conditions are considered necessary.	-
Meteorological monitoring	-	No meteorological monitoring requirements were specified previously. DER has considered whether the risk profile of emissions and discharges from other activities on the premises has significantly changed since the previous licence was granted. No new premises specific conditions are considered necessary.	-
Improvements	-	<p>Improvement requirement IR1 specified on the previous licence required the licensee to determine and report on individual and combined capacity of wastewater treatment ponds and to conduct water balance to assess adequacy of storage capacity.</p> <p>On 3 September 2015, in response to improvement requirements specified above, the Licensee submitted a report titled <i>Hillside Meat Processors Water Balance and Evaluation of Burial Pit Clay Liner</i>, authored by Strategen, dated September 2015.</p> <p>DER's assessment of information submitted by Licensee, has identified following key issues:</p> <ul style="list-style-type: none"><li>• wastewater ponds at the site may not have sufficient capacity to store wastewater and sludge during winter months when rainfall exceeds potential evaporation rates;</li><li>• the practice of wastewater irrigation at the site during periods where rainfall exceeds evaporation rates may lead to the contamination of groundwater beneath the site by nutrients and other chemical constituents in wastewater; and</li><li>• There is risk that ongoing irrigation of wastewater at the site may cause soil sodicity problems. This risk needs to be further assessed.</li></ul>	<i>Hillside Meat Processors Water Balance and Evaluation of Burial Pit Clay Liner</i> , authored by Strategen, dated September 2015



DECISION TABLE			
Works Approval / Licence section	Condition number W = Works Approval L= Licence	Justification (including risk description & decision methodology where relevant)	Reference documents
		<p>Improvement requirement IR2 specified on previous licence required the licensee to confirm the permeability of burial pits. The Licensee has provided data to confirm that permeability of burial pits is lower than <math>1 \times 10^{-9}</math> m/s.</p> <p>Improvement requirements specified on previous licence have been removed. DER will consult with the Licensee outside of this amendment process regarding management strategies and further investigation required to address issues and environmental risks identified above. As an outcome of that consultation, DER may include new conditions to the licence through subsequent licence amendment process.</p>	
Information	L4.1.1-4.1.4 L4.2.1-4.2.2 L4.3.1	Recordkeeping and reporting requirements previously specified through section 5.1 and 5.2 of the licence have been retained through section 4.1 and 4.2 of the amended licence. Condition 4.2.2 of the amended licence requiring that annual environmental report contains assessment of monitoring results, against previous years, was previously included in Table 5.2.1. Reporting forms included on previous licence have been removed. Notification requirements have been amended to incorporate template changes.	-
Licence Duration	-	DER has considered whether the risk profile of emissions and discharges from other activities on the premises has significantly changed since the previous licence was granted. Premises risk rating and duration of the licence has not changed as a result of this amendment.	-





## 5 Advertisement and consultation table

Date	Event	Comments received/Notes	How comments were taken into consideration
13/11/2015	Proponent sent a copy of draft instrument	<p>Comments received on 15 December 2015. Licensee requested removal of existing requirement on the licence for covering carcasses buried on site with lime.</p> <p>On 29 December 2015, the Licensee clarified that use of lime is mainly for pathogen reduction and if a disease / pathogen outbreak was considered likely then actions in accordance with the premises Biosecurity Controls Plan will be warranted.</p> <p>The Licensee has noted that animals buried onsite are euthanised due to injuries or ailments rendering them inappropriate for export slaughter process. This is managed by the Compliance Manager and Department of Agriculture Veterinarian who is on site at all times during operations.</p>	<p>The key environmental risk associated with onsite burial of carcasses is potential impacts on groundwater quality.</p> <p>The Premises is not located within a proclaimed groundwater area. Groundwater depth in the area is greater than 4 metres below ground level. The Licensee has demonstrated that the burial area has permeability less than <math>1 \times 10^{-9}</math> m/s.</p> <p>Current conditions on the licence are considered appropriate to manage groundwater or surfacewater emission risks. DAFWA is considered to be the appropriate agency to manage Biosecurity risks.</p> <p>On this basis, the requested change has been accepted and licence condition 1.3.7 regarding burial of carcasses on site has been updated.</p>



## 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