



Licence

Environmental Protection Act 1986, Part V

Licensee: Ausvision Rural Services Pty Ltd

Licence: L7873/2002/6

Registered office: Unit 6
78-84 Catalano Circuit
CANNING VALE WA 6155

ACN: 106 075 763

Premises address: Narrogin Beef Feedlot
Cnr Cooramining and Wanerie Roads
NARROGIN WA 6312
Being Lot 563 on Plan 37286, Lot 4984 on Plan 145470 and Lot 4985 on Plan 115829 as depicted in Schedule 1

Issue date: Thursday, 25 March 2015

Commencement date: Thursday, 1 April 2015

Expiry date: Tuesday, 31 March 2031

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
1	Cattle feedlot: premises on which the watering and feeding of cattle occurs, being premises- (a) situated less than 100 metres from a watercourse; and (b) on which the number of cattle per hectare exceeds 50.	500 animals or more	10,000 animals
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	120,000 animals per annual period

Conditions

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

.....
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

The Narrogin Beef Feedlot is owned and operated by Ausvision Rural Services Pty Ltd (Ausvision) who took over the licence from the previous licensee on the 7 November 2012.

The Feedlot is located 4.5 km south-west of the town of Narrogin, which is approximately 200 km south-east of Perth. The nearest residential premises is located approximately 1.1 km north of the feedlot.

The Narrogin Beef Feedlot was initially approved via a works approval to hold 14,940 head of cattle. Once began operation in 2002, the Department of Environment and Conservation (now Department of Environment Regulation) began receiving odour complaints. As a result of odour emissions a number of Ministerial conditions were added to the licence in April 2010 with the key conditions being:

- Adhere to the Waste Management Plan and ensure at all times that odour levels are maintained below the odour baseline identified in the 2007 Odour Survey;
- Limit the capacity of the feedlot to 6,000 head;
- Allow an increase to 10,000 head if odour levels are surveyed when the feedlot is stocked at 6,000 head and in an identical manner as for the 2007 Odour Survey (in terms of methodology, the number of head of cattle on the premises and under similar meteorological conditions).
- Increase the storage capacity of the evaporation pond and sedimentation basin to the design outlined in the Original Works Approval Application.

The average weight of cattle fed at Narrogin Beef Feedlot is considerably lower than under the previous Licensee, with cattle entering the feedlot at around 300kg and exiting at around 320kg. On average, cattle are held at the feedlot from 2 to 11 days prior to being dispatched. The cattle diet consists of feed pellets and stock water is sourced from the existing scheme water supply.

Although DER does not assess feedlots based on Standard Cattle Units (SCU), it should be noted that this weight at a capacity of 6000 head actually equates to a capacity of only 3000 SCU. The fact that the feedlot is not constantly at maximum capacity and that the cattle are relatively small have combined to result in pens generally having less manure and having a reduced odour potential.

Pens are cleaned every 3 to 4 months or more regularly depending on manure load. Solid waste is removed to a solid waste storage area that was constructed using in situ clay and is located within the controlled drainage area. A maximum of 1000 tonnes of solid waste is stored at any one time. Waste is disposed of off-site by a licensed contractor. Carcasses are managed in an above ground decomposition area that is within the controlled drainage area.

In 2014, Ausvision installed diversion drains to direct clean stormwater away from the feedlot operational area to create a controlled drainage area. The controlled drainage area drains via a sedimentation system to an evaporation pond located in the north-west of the Premises.



Monitoring of the drainage system occurs monthly and involves the visual inspection of drains, erosion and build-up of waste. Maintenance and cleaning of the system is conducted annually as a minimum, with additional works completed in response to inspections as required. There is no irrigation of wastewater on the Premises.

In November 2014, Ausvision submitted an odour assessment report completed by Strategen for the feedlot as required by the Ministerial conditions to allow for an increase from 6,000 to 10,000 head of cattle on the premises. After assessing the report, DER determined that Ausvision met the requirements of the ministerial conditions and could increase the maximum number of cattle to be held on the premises to 10,000.

The licence was amended in April 2016 in response to a request from Ausvision to remove some carcass management requirements. The licence was also amended to update it to the most current format with the removal of redundant conditions and expiry date extended as per DER's *Guidance Statement: Licence Duration*. As part of the amendment the registered business address was also updated to correctly reflect the Licensee's registered office rather than the principle place of business.

The licences and works approvals issued for the Premises since 01/04/2010 are:

Instrument log		
Instrument	Issued	Description
L7873/2002/5	01/04/2010	New licence containing ministerial conditions issued
L7873/2002/5	07/11/2012	Licence transferred to Ausvision Rural Services Pty Ltd
L7873/2002/6	26/03/2015	Licence re issued and amended to new template format
L7873/2002/6	2/06/2016	Amendment to remove composting conditions

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;

'carcass' means the dead body of an animal (cattle);

'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;

'controlled drainage area' means the area on the premises that drains to the evaporation pond and includes pens, lane ways, deceased animal burial area (above ground), manure storage area, drains and the evaporation pond;

'evaporation pond' means a type of holding pond where the primary disposal mechanism of the effluent is by evaporation;

'feedlot' means all areas of the premises used for feed-lotting activities, including but not limited to laneways and pens;

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

'holding pond' means a pond designed to capture and store the normal runoff before the captured runoff is either applied to cropland or evaporated;

'in-situ soils' means soils that are in place and have not been moved from their original place of deposition;

'leachate' means liquid released by or water that has percolated through waste and which contains some of its constituents;

'Licence' means this Licence numbered L7873/2002/6 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;

'sedimentation system' means systems to remove the readily-settleable fraction of the solids entrained in effluent. This may include a pond, basin or terrace that discharges effluent to an evaporation pond;

'sludge' means any mud-like deposit or mixtures of faecal matter and spilt feed derived from the pens;

'solids' means any solid or spadeable faecal matter and spilt feed derived from the pens; and

'wastewater treatment system' means a wastewater and effluent management system consisting of catch drain and evaporative pond;

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 Premises operation

1.2.1 The Licensee shall ensure that all wastewaters from feedlot operations including wash down water, by-products wastewater, and contaminated runoff are directed to the evaporation pond.

1.2.2 The Licensee shall ensure that waste material is only stored and/ or treated within vessels or compounds provided with the infrastructure detailed in Table 1.2.1.

Table 1.2.1: Containment infrastructure		
Structure	Material	Infrastructure requirements
Evaporation pond	Contaminated stormwater and Wastewater	Lined with in-situ soils.
Deceased animal burial area	Carcasses and spoilt feed	Lined with in-situ soils and located within the controlled drainage area
Solids stockpile storage area	Manure	

1.2.3 The Licensee shall ensure that where wastes produced on the Premises are not taken off-site for lawful use or disposal, they are managed in accordance with the requirements in Table 1.2.2.

Table 1.2.2: Management of Waste		
Waste type	Disposal strategy	Operational requirements
Carcasses	Decomposition	(i) The carcasses shall be placed on a 30 cm deep bed of dry organic matter within the deceased animal burial area (above ground); and (ii) Carcasses shall be covered with 50 cm deep semi-dry organic material such as feedlot pen manure, stockpile manure, or silage to contain odours and exclude scavengers.

1.2.4 The Licensee shall manage the evaporation pond such that:

- overtopping of the ponds does not occur;
- a minimum top of embankment freeboard of at least 500 mm is maintained;
- the integrity of the containment infrastructure is maintained; and
- vegetation and floating debris (emergent or otherwise) are prevented from encroaching onto pond surfaces or inner pond embankments.

1.2.5 The Licensee shall ensure that the number of cattle on the premises does not exceed 10,000.

2 Emissions

2.1 General emissions

2.1.1 The Licensee shall ensure that wastes produced on the Premises are managed as per the Waste Management Plan Titled *Ausvision Rural Services Narrogin Beef Producers – Waste Management Plan version March 2015*.

3 Monitoring

3.1 General monitoring

3.1.1 The Licensee shall record the total number of animals held on the premises in a tabular format for each month.



3.1.2 The Licensee shall record the total number of carcasses disposed of onsite each month.

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 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.

4.1.3 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 form¹
-	Summary of any failure or malfunction of any pollution control equipment and any environmental incidents that have occurred during the annual period and any action taken	None specified
3.1.1	Total number of animals held on the premises in a tabular format for each month and including annual total.	None specified
3.1.2	Total number of carcasses disposed of on-site each month and including annual total.	None specified
4.1.2	Compliance	Annual Audit Compliance Report (AACR)
4.1.3	Complaints summary	None specified

Note 1: Forms are in Schedule 2



Schedule 1: Maps

Premises map

The Premises is shown on the map below. The red 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 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: _____

SIGNATURE: _____

NAME:
(printed) _____

NAME:
(printed) _____

POSITION: _____

POSITION: _____

DATE: ____/____/____

DATE: ____/____/____

SEAL (if signing under seal)



Decision Document

Environmental Protection Act 1986, Part V

Proponent: Ausvision Rural Services Pty Ltd

Licence: L7873/2002/6

Registered office: Unit 6
78-84 Catalano Circuit
CANNING VALE WA 6155

ACN: 106 075 763

Premises address: Narrogin Beef Feedlot
Cnr Cooramining and Wanerie Roads
NARROGIN WA 6312
Being Lot 563 on Plan 37286, Lot 4984 on Plan 145470 and Lot 4985
on Plan 115829.

Issue date: Thursday, 26 March 2015

Commencement date: Thursday, 1 April 2015

Expiry date: Tuesday, 31 March 2020

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 and legal requirements and that the Licence and its conditions will ensure that an appropriate level of environmental protection is provided.

Decision Document prepared by: Richard Wilson
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 for a works approval or licence, 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	Category number(s)	Assessed design capacity
	1	10,000 animals
	55	120,000 animals per annual period
Application verified	Date: NA	
Application fee paid	Date: NA	
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"/>
Is the proposal subject to Ministerial Conditions?	Referral decision No:	
	Managed under Part V <input type="checkbox"/>	
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>)?	Assessed under Part IV <input type="checkbox"/>	
	Ministerial statement No:	
Is the Premises within an Environmental Protection Policy (EPP) Area	EPA Report No:	
	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Is the Premises subject to any EPP requirements?	Department of Water consulted Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	

3 Executive summary of proposal

The Narrogin Beef Feedlot is owned and operated by Ausvision Rural Services Pty Ltd (Ausvision) who took over the licence from the previous licensee on the 7 November 2012.

Cattle are generally held on the premises between 2 and 11 days prior to being dispatched from the site. The licensee has advised that in certain circumstances cattle are required to be held on the premises for longer periods and as such the premises has been licensed as category 1 (feedlot) and category 55 (sale yard/holding pen) to reflect the site's operations.

While the premises is licensed for a throughput of 120,000 animals per year under category 55, the maximum number of cattle on the site is not authorised to exceed the 10,000 head at any one time.

The Feedlot is located 4.5 km south-west of the town of Narrogin, which is approximately 200 km south-east of Perth. The nearest residential premises is located approximately 1.1 km north of the feedlot.

A minor non-perennial tributary to the Williams River runs through the south-west corner of the premises with other tributaries within 50m of the northern boundary of the premises.

The Narrogin Beef Feedlot was initially approved via a works approval to hold 14,940 head of cattle. Once it began operation in 2002, the Department of Environment and Conservation (now Department of Environment Regulation) began receiving odour complaints. As a result of odour emissions a number of conditions were included in the licence as a result of the Minister's determination on third party appeals in April 2010, with the key conditions being:

- Adhere to the Waste Management Plan and ensure at all times that odour levels are maintained below the odour baseline identified in the 2007 Odour Survey;
- Limit the capacity of the feedlot to 6,000 head;
- Allow an increase to 10,000 head if odour levels are surveyed when the feedlot is stocked at 6,000 head and in an identical manner as for the 2007 Odour Survey (in terms of methodology, the number of head of cattle on the premises and under similar meteorological conditions).
- Increase the storage capacity of the evaporation pond and sedimentation basin to the design outlined in the Original Works Approval Application.

The average weight of cattle fed at Narrogin Beef Feedlot is considerably lower than under the previous Licensee, with cattle entering the feedlot at around 300kg and exiting at around 320kg. On average, cattle are held at the feedlot from 2 to 11 days prior to being dispatched. The cattle diet consists of feed pellets and stock water is sourced from the existing scheme water supply.

Pens are cleaned every 3-4 months or more regularly depending on manure load. Solid waste is removed to a solid waste storage area that was constructed using in situ clay and is located within the controlled drainage area. A maximum of 1000 tonnes of solid waste is stored at any one time. Waste is disposed of off-site by a licensed contractor. Carcasses are managed in an above ground decomposition area that is within the controlled drainage area.

In 2014, Ausvision installed diversion drains to direct clean stormwater away from the feedlot operational area to create a controlled drainage area. The controlled drainage area drains via a sedimentation system to an evaporation pond located in the north-west of the Premises.

Monitoring of the drainage system occurs monthly and involves the visual inspection of drains, erosion and build-up of waste. Maintenance and cleaning of the system are conducted annually as a minimum, with additional works completed in response to inspections as required. There is no irrigation of wastewater on the Premises.

In November 2014, Ausvision submitted an odour assessment report completed by Straten for the feedlot as required by the licence conditions to allow for an increase from 6,000 to 10,000 head of cattle on the premises. After assessing the report, DER determined that Ausvision met

the requirements of the ministerial conditions and could increase the maximum number of cattle to be held on the premises to 10,000.

The licence has been amended (June 2016) in response to a request from Ausvision Rural Services to remove requirements to monitor the carcass decomposition process on the premises, as the site does not produce compost as a product but instead covers carcasses with organic material within the controlled drainage area as a means of disposal. The licence was also amended to update it to the most current format and remove redundant conditions. The licence expiry date was also extended as per DER's *Guidance Statement: Licence Duration*.



4 Decision table

All applications are assessed under the *Environmental Protection Act 1986* (EP Act), the Environmental Protection Regulations 1987, DER's Corporate Policy Statement No.7 – Operational Risk Management and the risk matrix attached to this Decision Document in Section 6. Where other references have been used in making the decision, they are detailed in the decision table.

DECISION TABLE			
Works Approval / Licence section	Condition number W = Works Approval L = Licence	Justification (including risk description & decision methodology where relevant)	Reference documents
General conditions	L1.2.1 to L1.2.3 and 1.2.5 removed from licence	<p>Condition 1.2.1 has been removed from the licence as it is not a condition and contained explanatory text only.</p> <p>Conditions 1.2.2, 1.2.3, 1.2.4 and 1.2.5 have been removed from the licence as per the risk assessment below.</p> <p>Operation <u>Emission Description</u> <i>Emission:</i> Contaminated stormwater from the feedlot operations running off site or leaching into groundwater.</p> <p><i>Impact:</i> Contamination of ground and/or surface waters. A minor non-perennial tributary to the Williams River runs through the south-west corner of the premises with other tributaries within 50m of the northern boundary of the premises. Wastewater containing high levels of nutrients can cause eutrophication of waterways.</p> <p>The Licensee has advised that attempts to sink a groundwater bore to access groundwater have been unsuccessful due to the depth to groundwater. The exact depth to groundwater is unknown. There are no Public Drinking Water Source Areas within 10km of the feedlot, and groundwater in the area has generally been identified as brackish to saline. Groundwater flow systems in the Shire of Narrogin are broadly described as discontinuous and compartmentalised by geological structures and bedrock rises. The nearest registered water information network bore is approximately 2km to the west of the premises.</p>	<p>Application Supporting Documentation</p> <p><i>Environmental Protection (Unauthorised Discharges) Regulations 2004</i></p> <p>EP Act</p> <p>L7873/2002/6 granted 26/3/15</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><i>Controls:</i> Diversion drains have been constructed to divert uncontaminated stormwater away from the operations area and reduce the catchment area for the wastewater treatment system. Contaminated stormwater drains to an evaporation pond that is lined with in-situ clay, via a drain that contains three sediment traps. Drains and the sedimentation system are inspected monthly and maintained where required. At a minimum, the system is maintained yearly prior to winter rain events. After rainfall events, all aspects of the drainage system are inspected.</p> <p>The wastewater evaporation pond is designed to hold 45.3 ML, which is greater than a 1:20 year 72 hour ARI event for the catchment area.</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> The premises is subject to the <i>Environmental Protection (Unauthorised Discharges) Regulations 2004</i> (UDRs) which restricts occupiers discharging prohibited materials offsite, including animal wastes, petrol, diesel, and other hydrocarbons as listed in Schedule 1. The general provisions of the EP Act also apply.</p> <p><u>Residual Risk</u> <i>Consequence:</i> Insignificant <i>Likelihood:</i> Unlikely <i>Risk Rating:</i> Low</p>	



DECISION TABLE			
Works Approval / Licence section	Condition number W = Works Approval L= Licence	Justification (including risk description & decision methodology where relevant)	Reference documents
Premises operation	Table 1.3.2 amended	<p>Operation</p> <p><u>Emission Description</u> <i>Emission:</i> Wastewater high in nutrients from the management of carcasses contaminating stormwater or leaching into the ground.</p> <p><i>Impact:</i> Contamination of ground and/or surface waters. The Licensee has advised that attempts to sink a groundwater bore to access groundwater have been unsuccessful due to the depth to groundwater. The exact depth to groundwater is unknown. There are no Public Drinking Water Source Areas within 10km of the feedlot and groundwater has been identified as brackish to saline. Groundwater flow systems in the Shire of Narrogin are broadly described as discontinuous and compartmentalised by geological structures and bedrock rises. The nearest registered water information network bore is approximately 2km to the West of the premises.</p> <p><i>Controls:</i> All carcass disposals take place in the controlled drainage area, and diversion drains have been constructed to divert uncontaminated stormwater away from the controlled drainage area. Contaminated stormwater is diverted to a drain that contains three sediment traps and discharges to a wastewater evaporation pond that is lined with in-situ clay. Leachate from the carcass disposal area is contained within the controlled drainage area which directs all run off to the evaporation pond.</p> <p><u>Risk Assessment</u> <i>Consequence:</i> Minor <i>Likelihood:</i> Unlikely <i>Risk Rating:</i> Moderate</p> <p><u>Regulatory Controls</u> Condition 1.3.3 requires wastes produced on the premises to be managed as per Table 1.3.2. The table has been amended to remove the requirement to work the decomposing material as this is not required due to the low volume of material produced on the premises. The licensee has advised that an average of three</p>	Application Supporting Documentation



DECISION TABLE			
Works Approval / Licence section	Condition number W = Works Approval L= Licence	Justification (including risk description & decision methodology where relevant)	Reference documents
		<p>carcasses is disposed of each month.</p> <p><u>Residual Risk</u> <i>Consequence:</i> Minor <i>Likelihood:</i> Unlikely <i>Risk Rating:</i> Moderate</p>	
Fugitive emissions	L2.6.1 removed from licence	<p>Condition 2.6.1 has been removed from the licence as per the risk assessment below.</p> <p>Operation <u>Emission Description</u> <i>Emission:</i> Fugitive nuisance dust being generated from site operations including traffic movement and cattle movement <i>Impact:</i> nuisance impacts on neighbouring premises including the Agricultural college 2km away or other farms. DER has not received any dust complaints from the premises since Ausvision began managing the site. <i>Controls:</i> The waste management plan for the premises outlines how dust emissions will be controlled including:</p> <ul style="list-style-type: none"> • Roads constructed of coarse gravel; • Suitable pen stocking rates; • Pre-wetting of roads and laneways before receipt, discharge events, or large cattle movements; and • Frequency of road and laneway watering to be increased during periods of extreme heat and no rainfall. <p><u>Risk Assessment</u> <i>Consequence:</i> Insignificant <i>Likelihood:</i> Unlikely <i>Risk Rating:</i> Low</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><u>Regulatory Controls</u> The general provisions of the EP Act apply.</p> <p><u>Residual Risk</u> <i>Consequence:</i> Insignificant <i>Likelihood:</i> Unlikely <i>Risk Rating:</i> Low</p>	
Odour	L2.7.1 and 3.7.1 removed from licence	<p>Operation</p> <p><u>Emission Description</u> <i>Emission:</i> Nuisance odour from solid and/or liquid waste on the premises. Sources of odour include the evaporation pond, manure waste stockpiles, pen manure, and the carcass decomposition area.</p> <p><i>Impact:</i> Nuisance short term localised impacts on receptors beyond the premises boundary including Narrogin town site 4.5km north-east of the feedlot, The agricultural college approximately 2km west of the feedlot, or farm residences with the closest being within 2km of the feedlot. DER has not received a complaint regarding odour from the premises since Ausvision began managing the site.</p> <p><i>Controls:</i> The licensee has implemented a Waste Management Plan for the site that includes the management of manure, liquid waste, and carcasses. Manure loads are to be monitored and kept at a minimum with pens being cleaned 3 to 4 times a year and a maximum of 1000 tonnes of manure stored on site at any one time.</p> <p>Drains are maintained to ensure surface water flows from the pens to the sedimentation system and evaporation pond.</p> <p>The waste management plan requires monitoring of odour when there is a risk of odour impact. If odour is detected then the licensee takes actions to reduce odour. DER has assessed the waste management plan as appropriate for mitigating odour emissions from the premises.</p>	<p>Application Supporting Documentation</p> <p>Ausvision Rural Services: Narrogin Beef Producers – Waste Management Plan 2015</p> <p>Odour Assessment – Narrogin Beef Feedlot Strategen October 2014</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><u>Risk Assessment</u> Consequence: Minor Likelihood: Possible Risk Rating: Moderate</p> <p><u>Regulatory Controls</u> Condition 2.7.1 has been removed from the licence as the licensee is required to manage odour as per condition 2.7.2 (now 2.1.1). Condition 2.1.2 ensures that wastes are managed as per the Waste Management Plan to ensure odour impacts from the premises are minimised.</p> <p><u>Residual Risk</u> Consequence: Minor Likelihood: Unlikely Risk Rating: Moderate</p>	
Monitoring of inputs and outputs	Previously L3.6.1 and 3.7.1 removed from the licence.	Conditions 3.6.1 and 3.7.1 have been removed from the licence. As per the risk assessments above in General Conditions and Premises Operations, the site manages carcass disposal as per the waste management plan, with carcass disposal taking place within the controlled drainage area with an average of three carcasses disposed of each month. Given the low to moderate risk to groundwater and surface water posed by the operations, thermal monitoring of the decomposition process is not required.	
Information	Previously L4.1.2	Condition 4.1.2 has been removed from the licence as it is not enforceable as the requirements for compliance are not clear.	
Licence Duration	N/A	The licence duration has been extended to 2031 as per DER's Guidance Statement on Licence Duration. The licensee has confirmed that they have the relevant planning approval for this period of time.	Guidance Statement: Licence Duration



5 Advertisement and consultation table

Date	Event	Comments received/Notes	How comments were taken into consideration
28/4/2016	Draft Licence and Decision Document sent to Licensee	Ausvision requested that references to composting be removed from the licence as they do not actively compost on the site.	Licence updated to remove reference to composting.

6 Emissions and discharges risk assessment framework

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