



Mr Joe Macri
Wellard Animal Products Pty Ltd
46 Macri Road
BEAUFORT RIVER WA 6394

Dear Mr Macri

ENVIRONMENTAL PROTECTION ACT 1986: LICENCE GRANTED

Premises:

Beaufort River Meats
Lot 5164 on Plan 227799, Leggoe Road, Beaufort River, WA 6394
Licence Number: L6826/1994/13

A licence under the *Environmental Protection Act 1986* (the Act) has been granted for the above premises. The Department of Environment Regulation will advertise the issuing of this licence in the public notices section of *The West Australian* newspaper.

The licence includes attached conditions. Under section 58(1) of the Act, it is an offence to contravene a condition of a licence. This offence carries a penalty of up to \$125,000 and a daily penalty of up to \$25,000.

In accordance with section 102(1)(c) of the Act, you have 21 days to appeal the conditions of the licence. Under section 102(3)(a) of the Act, any other person may also appeal the conditions of the licence. To lodge an appeal contact the Office of the Appeals Convenor on 6467 5190 or by email at admin@appealsconvenor.wa.gov.au.

Where a licence is issued for more than one year it requires payment of an annual fee and will cease to have effect if the fee is unpaid. It is the occupier's responsibility to lodge a fee application and pay the annual fee in sufficient time to avoid incurring a late payment fee and for processing to be completed before the licence anniversary date.

If you have any queries regarding the above information, please contact Lesley Hart on 9842 4553.

Yours sincerely

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

30 April 2015



Licence

Environmental Protection Act 1986, Part V

Licensee: Wellard Animal Production Pty Ltd

Licence: L6826/1994/13

Registered office: Level 3
12-14 St Georges Terrace
PERTH WA 6000

ACN: 118 342 859

Premises address: Beaufort River Meats
346 Leggoe Road
BEAUFORT RIVER WA 6394
Being Lot 5164 on Plan 227799 as depicted in Schedule 1

Issue date: Thursday, 30 April 2015

Commencement date: Saturday, 02 May 2015

Expiry date: Tuesday, 01 May 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	34,675 tonnes 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	825,000 animals per annual period

Conditions

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

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



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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 works with the business owners, community, consultants, industry and other representatives to prevent, control and abate pollution and environmental harm to conserve and protect the environment. DER also monitors and audits compliance with works approvals and licence conditions, takes enforcement action as appropriate and develops and implements licensing and industry regulation policy.

Licence requirements

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

Where other statutory instruments impose obligations on the Premises/Licensee the intention is not to replicate them in the licence conditions. You should therefore ensure that you are aware of all your statutory obligations under the Act and any other statutory instrument. Legislation can be accessed through the State Law Publisher website using the following link:

<http://www.slp.wa.gov.au/legislation/statutes.nsf/default.html>

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

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

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



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

Licence fees

If you have a licence that is issued for more than one year, you are required to pay an annual licence fee prior to the anniversary date of issue of your licence. Non payment of annual licence fees will result in your licence ceasing to have effect meaning that it will no longer be valid and you will need to apply for a new licence for your Premises.

Ministerial conditions

If your Premises has been assessed under Part IV of the Act you may have had conditions imposed by the Minister for Environment. You are required to comply with any conditions imposed by the Minister.

Premises description and Licence summary

The Beaufort River Meats (BRM) premises became occupied by Wellard Animal Production Pty Ltd in early 2013. The abattoir facility has been operational since around 1994, slaughtering sheep and goats and is located about 260 kilometres south-southeast of Perth within the Shire of Woodanilling.

Potential sensitive receptors in the vicinity of the BRM include:

- Surrounding agricultural activities, primarily cropping and livestock;
- Private residences, the closest located about 300 metres south of the prescribed premises boundary; and
- Local groundwater, the depth below ground level (bgl) at the premises is unknown. Local drilling by the occupier has failed to locate usable water supplies and depth is estimated to be at least 30 metres bgl. However, the water source for the Premises is a bore located approximately 1.2km south on an adjacent property, where the groundwater is estimated to be approximately 10 metres below ground level. The Premises is located between 265 and 290 meters AHD.

Operations at BRM include:

- The temporary storage of animals prior to slaughter in the abattoir complex;
- Abattoir and freezer facilities;
- Temporary solid waste storage facility;
- Hide treatment (salting) and storage shed;
- Wastewater treatment system comprising of a simple screen pit, three treatment ponds and a treated wastewater irrigation area.

No rendering of animal waste takes place at the premises. The main emissions are odour and the discharge of treated wastewater to land (irrigation). Currently a newly issued works approval (W5788/2015/1) is being implemented to improve the quality of the treated wastewater and therefore reduce the risk posed by the irrigation of treated wastewater. This includes plans to install several aerators on the second, aerobic treatment pond and improve solid waste screening and removal prior to wastewater treatment.

The emissions risks for this Premises have not been reviewed as part of this Licence reissue. A full emissions risk assessment will be undertaken following completion of the works identified in the works approval, as part of a future Licence amendment to accommodate all site upgrades.

This Licence is the successor to licence L6826/1994/12 and includes conversion to a REFIRE format licence.



The licences and works approvals issued for the Premises since 01/02/2005 are:

Instrument log		
Instrument	Issued	Description
L6826/9	01/02/2005	Licence re-issue
L6826/10	24/04/2006	Licence re-issue
L6826/1994/11	01/05/2009	Licence re-issue
L6826/1994/12	12/04/2012	Licence re-issue
W5788/2015/1	26/03/2015	Works approval to upgrade wastewater treatment
L6826/1994/13	30/04/2015	Licence re-issue including conversion to REFIRE format

Severance

It is the intent of these Licence conditions that they shall operate so that, if a condition or a part of a condition is beyond the power of this Licence to impose, or is otherwise *ultra vires* or invalid, that condition or part of a condition shall be severed and the remainder of these conditions shall nevertheless be valid to the extent that they are within the power of this Licence to impose and are not otherwise *ultra vires* or invalid.

END OF INTRODUCTION



Licence conditions

1 General

1.1 Interpretation

1.1.1 In the Licence, definitions from the *Environmental Protection Act 1986* apply unless the contrary intention appears.

1.1.2 For the purposes of this Licence, unless the contrary intention appears:

'Act' means the *Environmental Protection Act 1986*;

'AHD' means the Australian height datum;

'animal waste material' includes mortalities, blood, bone, fat, offal and animal residues (excluding skins), generated from the animal slaughter and which is not directed to the wastewater treatment system;

'annual period' means the inclusive period from 1 January until 31 December in the same year;

'AS/NZS 2031' means the Australian Standard AS/NZS 2031 *Selection of containers and preservation of water samples for microbiological analysis*;

'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 or target is measured or a monitoring result is obtained;

'BOD' means biochemical oxygen demand;

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

'CEO' for the purpose of correspondence means;

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

'code of practice for the storage and handling of dangerous goods' means the document titled "Storage and handling of dangerous goods: Code of Practice" published by the Department of Mines and Petroleum, as amended from time to time;

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

'environmentally hazardous material' means material (either solid or liquid raw materials, materials in the process of manufacture, manufactured products, products used in the manufacturing process, by-products and waste) which if discharged into the environment from or within the premises may cause pollution or environmental harm. Note: Environmentally hazardous materials include dangerous goods



where they are stored in quantities below placard quantities. The storage of dangerous goods above placard quantities is regulated by the Department of Mines and Petroleum;

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

'fugitive emissions' means all emissions not arising from point sources identified in sections 2.2, 2.3, 2.4 and 2.5;

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

'irrigation area' means the areas (areas A & B) designated for disposal of treated wastewater as depicted in the Map of emission point and monitoring location in Schedule 1;

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

'Licence' means this Licence numbered L6826/1994/13 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;

'nutrient loading rate' means the quantity of a particular parameter applied over the total irrigation area for a specified period of time, expressed as kilograms per hectare per year;

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

'quarterly' means the 4 inclusive periods from 1 April to 30 June, 1 July to 30 September, 1 October to 31 December and in the following year, 1 January to 31 March;

'Schedule 1' means Schedule 1 of this Licence unless otherwise stated;

'Schedule 2' means Schedule 2 of this Licence unless otherwise stated; and

'wastewater treatment system' means the pond-based system for treating and storing wastewater including interconnecting pipes directing wastewater to the primary anaerobic pond connecting to the second (aerobic) pond and the final facultative pond including aerators, as depicted in the Map of emission point and monitoring location in Schedule 1.

1.1.3 Any reference to an Australian or other standard in the Licence means the relevant parts of the standard in force from time to time during the term of this Licence.

1.1.4 Any reference to a guideline or code of practice in the Licence means the version of that guideline or code of practice in force from time to time, and shall include any amendments or replacements to that guideline or code of practice made during the term of this Licence.

1.2 General conditions

1.2.1 Nothing in the Licence shall be taken to authorise any emission that is not mentioned in the Licence, where the emission amounts to:

- (a) pollution;
- (b) unreasonable emission;
- (c) discharge of waste in circumstances likely to cause pollution; or
- (d) being contrary to any written law.



- 1.2.2 The Licensee shall operate and maintain all pollution control and monitoring equipment to the manufacturer's specification or any relevant and effective internal management system.
- 1.2.3 The Licensee, except where storage is prescribed in section 1.3, shall ensure that environmentally hazardous materials are stored in accordance with the code of practice for the storage and handling of dangerous goods.
- 1.2.4 The Licensee shall immediately recover, or remove and dispose of spills of environmentally hazardous materials outside an engineered containment system.
- 1.2.5 The Licensee shall:
 - (a) implement all practical measures to prevent stormwater run-off becoming contaminated by the activities on the Premises; and
 - (b) treat contaminated or potentially contaminated stormwater as necessary prior to being discharged from the Premises.¹

Note1: *The Environmental Protection (Unauthorised Discharges) Regulations 2004* make it an offence to discharge certain materials into the environment.

1.3 Premises operation

- 1.3.1 The Licensee shall ensure that wastes generated by the activities on the premises are only subjected to the processes set out in Table 1.3.1. and in accordance with any process limits described in that table.

Table 1.3.1: Authorised processes		
Animals/Waste	Processes	Process limits
Animals	Receipt and temporary holding prior to slaughter	No more than 825,000 animals per annual period.
		No more than 34,765 tonnes (live weight) of animals may be received for slaughter per annual period.
Wastewater	Physical and biological treatment	All wastewaters generated by the operation of the abattoir shall be directed to the wastewater treatment system.

- 1.3.2 The Licensee shall ensure that waste material is only stored and/or treated within vessels or compounds provided with the infrastructure detailed in Table 1.3.2.

Table 1.3.2: Containment infrastructure		
Vessel or compound and location on Map of storage locations	Material	Requirements
Animal waste storage tank	Animal waste material	Stored in a sealed, covered tank located on a semi-trailer on bitumen hardstand adjacent to abattoir
Sludge and solid waste	Storage and handling prior to off-site disposal	All sludge and solid waste removed from the wastewater treatment system shall be stored on a bunded and impervious containment infrastructure that is drained such that all leachate is directed to the wastewater treatment system.
Wastewater collection pit	Wastewater	Temporarily stored in concrete collection pits prior to gravity feed via pvc pipeline to wastewater treatment ponds
Anaerobic pond	Wastewater	Clay lined
Aerobic pond		
Tertiary (facultative) pond		



- 1.3.3 The Licensee shall ensure that where waste produced on the Premises are not immediately taken off-site for lawful use or disposal, they are managed in accordance with the requirements in Table 1.3.3.

Waste type	Disposal strategy	Operational requirements
Animal waste material	Off-site disposal	Animal waste material shall not be stored for longer than 24 hours prior to off-site disposal.
Treated Wastewater	Evaporation or irrigation to land	Monitoring as specified in condition 3.5.1

- 1.3.4 The Licensee shall manage the wastewater ponds such that:
- (a) the solids trap ('save-all') on the wastewater outflow from the abattoir is maintained to reduce the solid loading to ponds;
 - (b) all uncontaminated stormwater is diverted away from the ponds to minimise the threat of erosion of pond embankments or flooding;
 - (c) overtopping of the ponds does not occur;
 - (d) the integrity of the containment infrastructure is maintained;
 - (e) a trapped overflow (T-piece) is installed and maintained on the discharge from the anaerobic pond to prevent carry-over of surface floating matter;
 - (f) a minimum top of embankment freeboard of 300mm is maintained on the final (tertiary) treatment pond;
 - (g) vegetation is prevented from growing on inner pond embankments;
 - (h) a crust / cover is maintained on the anaerobic pond at all times; and
 - (i) a stock-proof fence around all wastewater treatment ponds is maintained.
- 1.3.5 The Licensee shall manage the irrigation of treated wastewater such that:
- (a) no irrigation generated run-off, spray drift or discharge occurs beyond the boundary of the Premises;
 - (b) treated wastewater is evenly distributed over the irrigation area;
 - (c) no soil erosion occurs;
 - (d) irrigation does not occur on land that is waterlogged and no ponding of irrigation water on the surface occurs; and
 - (e) vegetation cover is maintained over the irrigation areas.



2 Emissions

2.1 General

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

2.2–2.4 Point source emissions to air, surface water or groundwater

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

2.5 Emissions to land

2.5.1 The Licensee shall ensure that where waste is emitted to land from the emission points in Table 2.5.1 and identified on the map of emission points in Schedule 1 it is done so in accordance with the conditions of this Licence.

Emission point reference	Description and location on Map of emission point and monitoring location in Schedule 1	Source including abatement
L1	Irrigation flow meter and pump to sprinkler irrigator located in Irrigation area A	Wastewater and contaminated runoff from operations treated through the wastewater treatment system
L2	Irrigation flow meter and pump to sprinkler irrigator located in Irrigation area B	

2.5.2 The Licensee shall not cause or allow emissions to land greater than the limits listed in Table 2.5.2.

Emission point reference	Parameter	Limit (including units)	Averaging period
L1 – L2	Total Nitrogen	Less than 180 kg/ha	Annual
	Total Phosphorus	Less than 80 kg/ha	

2.6 Fugitive emissions

2.6.1 The Licensee shall ensure that no visible dust generated by the activities on the Premises crosses the boundary of the Premises.

2.7 Odour

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

2.8 Noise

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



3 Monitoring

3.1 General monitoring

3.1.1 The licensee shall ensure that:

- (a) all 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;
- (c) all microbiological samples are collected and preserved in accordance with AS/NZS 2031; and
- (d) all laboratory samples are submitted to and tested by a laboratory with current NATA accreditation for the parameters being measured.

3.1.2 The Licensee shall ensure that quarterly monitoring is undertaken at least 45 days apart.

3.1.3 The Licensee shall ensure that all monitoring equipment used on the Premises to comply with the conditions of this Licence is calibrated in accordance with the manufacturer's specifications.

3.1.4 The Licensee shall, where the requirements for calibration cannot be practicably met, or a discrepancy exists in the interpretation of the requirements, bring these issues to the attention of the CEO accompanied with a report comprising details of any modifications to the methods.

3.2-3.4 Monitoring of point source emissions to air, surface water and groundwater

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

3.5 Monitoring of emissions to land

3.5.1 The Licensee shall undertake the monitoring in Table 3.5.1 according to the specifications in that table.

Table 3.5.1: Monitoring of emissions to land				
Emission point reference and location on Map of emission point and monitoring location in Schedule 1	Parameter	Units	Averaging Period	Frequency
WQ1	Volumetric flow rate	kL/day	Monthly	Continuous when irrigating
	pH	-	Spot sample	Quarterly
	BOD	mg/L		
	Total Dissolved Solids			
	Total Suspended Solids			
	Total Nitrogen			
Total Phosphorus				



3.6 Monitoring of inputs and outputs

3.6.1 The Licensee shall undertake the monitoring in Table 3.6.1 according to the specifications in that table.

Table 3.6.1: Monitoring of inputs and outputs				
Input/Output	Parameter	Units	Averaging period	Frequency
Input	Number of animals slaughtered at the Premises	-	Monthly	Cumulative daily receipt of animals arriving at the Premises for the purpose of slaughter
	Live weight of animals slaughtered at the Premises	Tonnes		

3.7 Process monitoring

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

3.8 Ambient environmental quality monitoring

There are no specified conditions relating to ambient environmental quality monitoring in this section.

3.9 Meteorological monitoring

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



4 Improvements

There are no specified improvement conditions in this section.

5 Information

5.1 Records

5.1.1 All information and records required by the Licence shall:

- (a) be legible;
- (b) if amended, be amended in such a way that the original and subsequent amendments remain legible or are capable of retrieval;
- (c) except for records listed in 5.1.1(d) be retained for at least 6 years from the date the records were made or until the expiry of the Licence or any subsequent licence; and
- (d) for those following records, be retained until the expiry of the Licence and any subsequent licence:
 - (i) off-site environmental effects; or
 - (ii) matters which affect the condition of the land or waters.

5.1.2 The Licensee shall ensure that:

- (a) any person left in charge of the Premises is aware of the conditions of the Licence and has access at all times to the Licence or copies thereof; and
- (b) any person who performs tasks on the Premises is informed of all of the conditions of the Licence that relate to the tasks which that person is performing.

5.1.3 The Licensee shall complete an Annual Audit Compliance Report indicating the extent to which the Licensee has complied with the conditions of the Licence, and any previous licence issued under Part V of the Act for the Premises for the previous annual period.

5.1.4 The Licensee shall implement a complaints management system that as a minimum records the number and details of complaints received concerning the environmental impact of the activities undertaken at the Premises and any action taken in response to the complaint.

5.2 Reporting

5.2.1 The Licensee shall submit to the CEO an Annual Environmental Report within 32 calendar days after the end of the annual period. The report shall contain the information listed in Table 5.2.1 in the format or form specified in that table.



Table 5.2.1: Annual Environmental Report		
Condition or table (if relevant)	Parameter	Format or form ¹
-	Summary of any failure or malfunction of any pollution control equipment and any environmental incidents that have occurred during the annual period and any action taken	None specified
Table 2.5.2	Nutrient Loading Rates for the annual period, including any limit exceeded	
Table 3.5.1	Volumetric flow rate, pH, biochemical oxygen demand, total dissolved solids, total suspended solids, total nitrogen & total phosphorus	Tables and graph format
Table 3.6.1	Number of animals slaughtered and live weight tonnage inputs for the annual period. Monthly & annual volumes of treated wastewater irrigated to land.	
5.1.3	Compliance	Annual Audit Compliance Report (AACR)
5.1.4	Complaints summary	None specified

Note 1: Forms are in Schedule 2

- 5.2.2 The Licensee shall ensure that the Annual Environmental Report also contains an assessment of the information contained within the report against previous monitoring results and Licence limits and/or targets.
- 5.2.3 The Licensee shall submit the information in Table 5.2.2 to the CEO according to the specifications in that table.

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

5.3 Notification

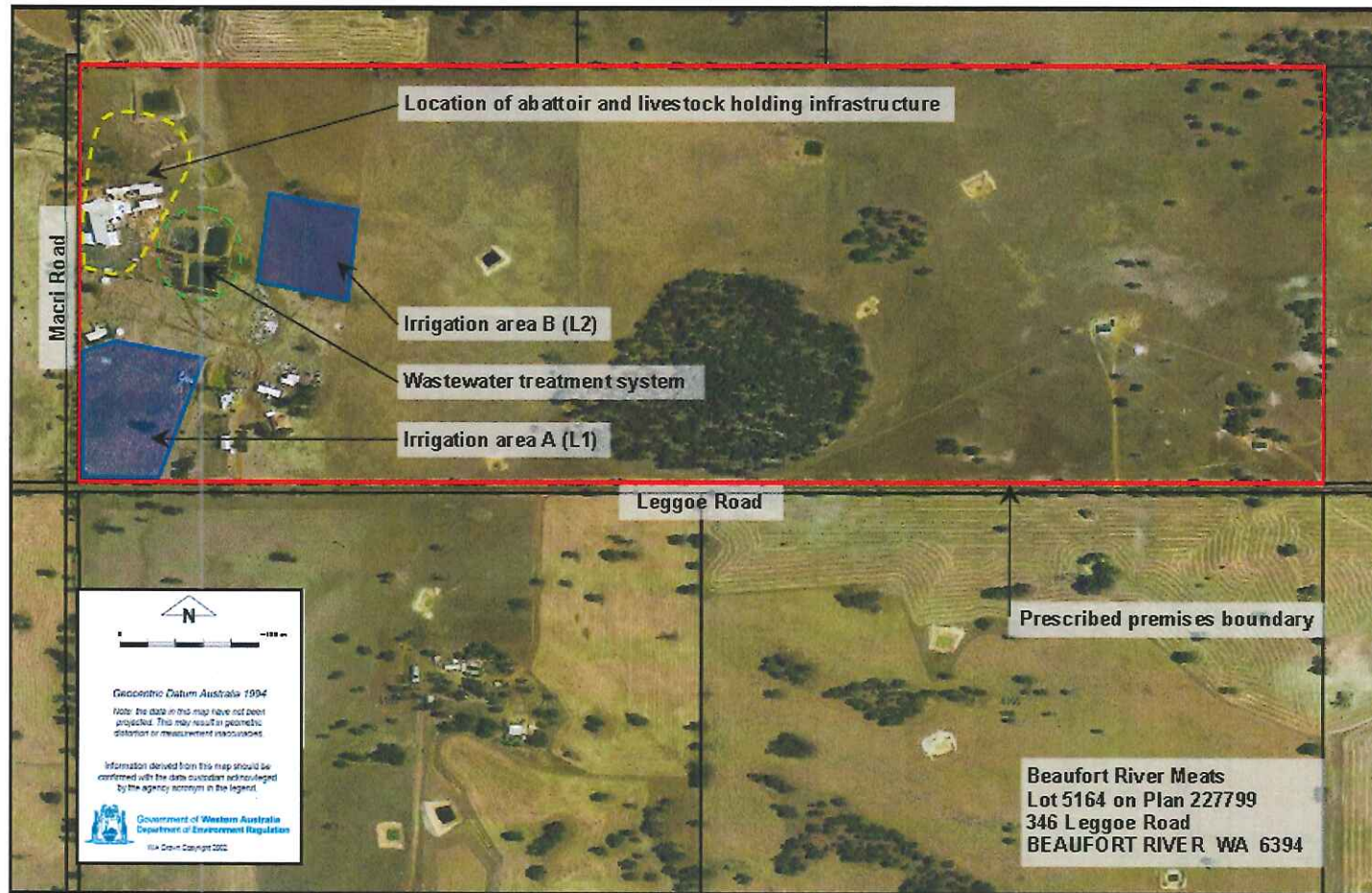
There are no specific notification requirements in this section.



Schedule 1: Maps

Premises map

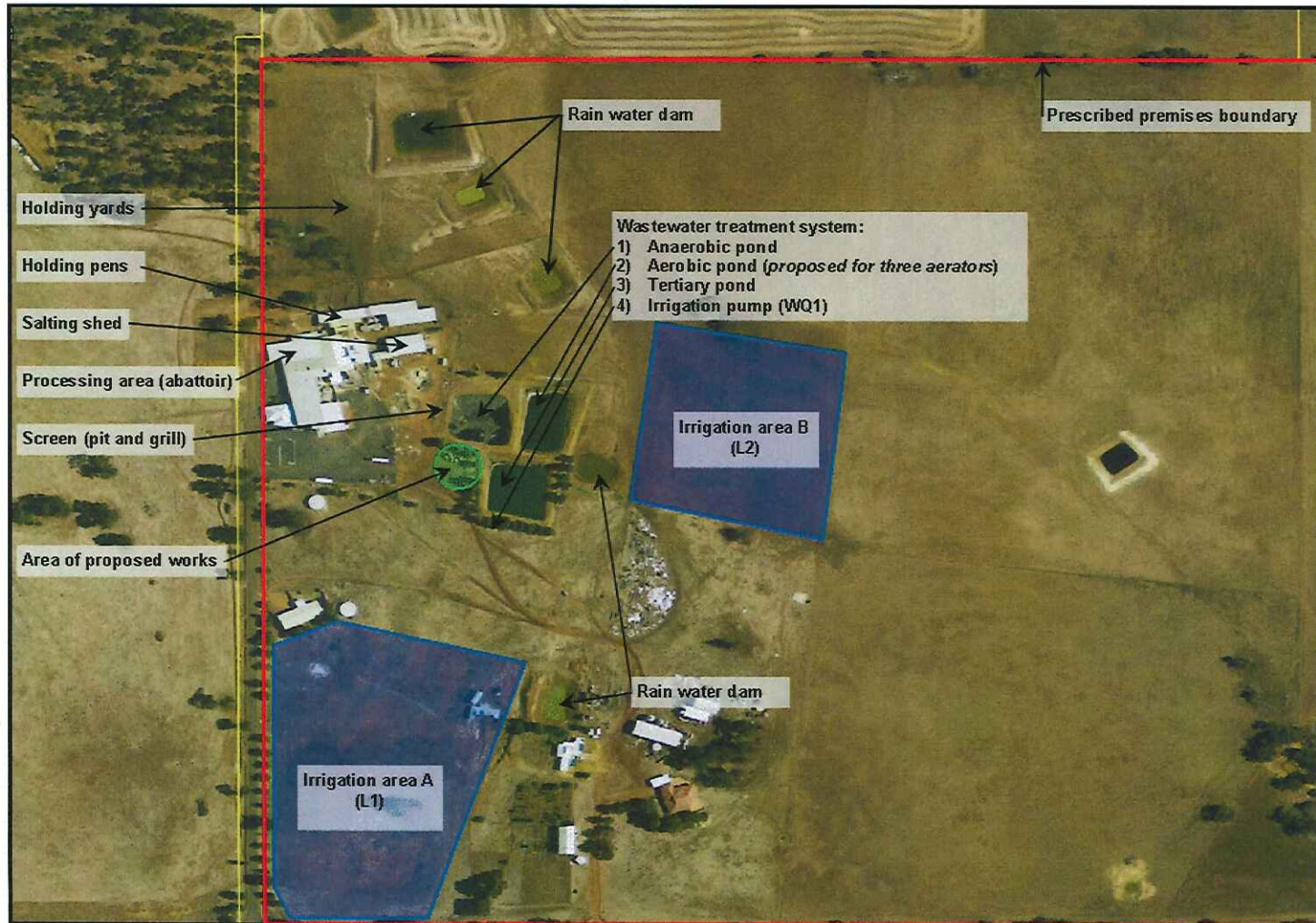
The Premises is shown in the map below. The red line depicts the Premises boundary.





Map of emission points and monitoring location

The location of the emission and monitoring points defined in Tables 2.5.1, 2.5.2 and 3.5.1 are 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.

ANNUAL AUDIT COMPLIANCE REPORT PROFORMA

SECTION A LICENCE DETAILS

Licence Number:	Licence File Number:
Company Name:	ABN:
Trading as:	
Reporting period: _____ to _____	

STATEMENT OF COMPLIANCE WITH LICENCE CONDITIONS

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

Yes Please proceed to Section C

No Please proceed to Section B

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

Initial:



SECTION B

DETAILS OF NON-COMPLIANCE WITH LICENCE CONDITION.

Please use a separate page for each Licence condition that was not complied with.

a) Licence condition not complied with:	
b) Date(s) when the non compliance occurred, if applicable:	
c) Was this non compliance reported to DER?:	
<input type="checkbox"/> Yes <input type="checkbox"/> 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"/>	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: Wellard Animal Production Pty Ltd

Licence: L6826/1994/13

Registered office: Level 3
12-14 St Georges Terrace
PERTH WA 6000

ACN: 118 342 859

Premises address: Beaufort River Meats
346 Leggoe Road
BEAUFORT RIVER WA 6394
Being Lot 5164 on Plan 227799 as depicted in Schedule 1

Issue date: Thursday, 30 April 2015

Commencement date: Saturday, 02 May 2015

Expiry date: Tuesday, 01 May 2018

Decision

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

Lesley Hart
Licensing Officer

Decision Document authorised by:

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1 Purpose of this Document

This decision document explains how DER has assessed and determined the application and provides a record of DER's decision-making process and how relevant factors have been taken into account. Stakeholders should note that this document is limited to DER's assessment and decision making under Part V of the *Environmental Protection Act 1986*. Other approvals may be required for the proposal, and it is the proponent's responsibility to ensure they have all relevant approvals for their Premises.

Works approval and licence conditions

DER has three types of conditions that may be imposed on works approvals and licences. They are as follows;

Standard conditions (SC)

DER has standard conditions that are imposed on all works approvals and licences regardless of the activities undertaken on the Premises and the information provided in the application. These are included as the following conditions on works approvals and licences:

Works approval conditions: 1.1.1-1.1.4, 1.2.1, 1.2.2, 5.1.1, 5.1.2. and 5.3.1

Licence conditions: 1.1.1-1.1.4, 1.2.1-1.2.4, 5.1.1-5.1.4 and 5.2.1.

For such conditions, justification within the Decision Document is not provided.

Optional standard conditions (OSC)

In the interests of regulatory consistency DER has a set of optional standard conditions that can be imposed on works approvals and licences. DER will include optional standard conditions as necessary, and are likely to constitute the majority of conditions in any licence. The inclusion of any optional standard conditions is justified in Section 4 of this document.

Non standard conditions (NSC)

Where the proposed activities require conditions outside the standard conditions suite DER will impose one or more non-standard conditions. These include both premises and sector specific conditions, and are likely to occur within few licences. Where used, justification for the application of these conditions will be included in Section 4.



2 Administrative summary

Administrative details		
Application type	Works Approval <input type="checkbox"/>	
	New Licence <input checked="" type="checkbox"/>	
	Licence amendment <input type="checkbox"/>	
	Works Approval amendment <input type="checkbox"/>	
Activities that cause the premises to become prescribed premises	Category number(s)	Assessed design capacity
	15	34 675 tonnes per annual period
	55	50 000 animals or more per year
Application verified	Date: 19/03/2015	
Application fee paid	Date: 20/03/2015	
Works Approval has been complied with	Yes <input type="checkbox"/>	No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
Compliance Certificate received	Yes <input type="checkbox"/>	No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
Commercial-in-confidence claim	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Commercial-in-confidence claim outcome	Claim upheld	
Is the proposal a Major Resource Project?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Was the proposal referred to the Environmental Protection Authority (EPA) under Part IV of the <i>Environmental Protection Act 1986</i> ?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
		Referral decision No: Managed under Part V <input type="checkbox"/> Assessed under Part IV <input type="checkbox"/>
Is the proposal subject to Ministerial Conditions?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
		Ministerial statement No: EPA Report No:
Does the proposal involve a discharge of waste into a designated area (as defined in section 57 of the <i>Environmental Protection Act 1986</i>)?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
	Department of Water consulted Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Is the Premises within an Environmental Protection Policy (EPP) Area	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	<i>Environmental Protection South West Agriculture Zone Wetlands Policy 1998</i>	
Is the Premises subject to any EPP requirements?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>



3 Executive summary of proposal and assessment

The Beaufort River Meats (BRM) premises became occupied by Wellard Animal Production Pty Ltd in early 2013. The abattoir facility has been operational since around 1994, slaughtering sheep and goats and is located about 260 kilometres south-southeast of Perth within the Shire of Woodanilling.

Potential sensitive receptors in the vicinity of the BRM include:

- Surrounding agricultural activities, primarily cropping and livestock;
- Private residences, the closest located about 300 metres south of the prescribed premises boundary; and
- Local groundwater, the depth below ground level (bgl) at the premises is unknown. Local drilling by the occupier has failed to locate usable water supplies and depth is estimated to be at least 30 metres bgl. However, the water source for the Premises is a bore located approximately 1.2km south on an adjacent property, where the groundwater is estimated to be approximately 10 metres below ground level. The Premises is located between 265 and 290 meters AHD.

Operations at BRM include:

- The temporary storage of animals prior to slaughter in the abattoir complex;
- Abattoir and freezer facilities;
- Temporary solid waste storage facility;
- Hide treatment (salting) and storage shed;
- Wastewater treatment system comprising of a simple screen pit, three treatment ponds and a treated wastewater irrigation area.

No rendering of animal waste takes place at the premises. The main emissions are odour, noise and the discharge of treated wastewater to land (irrigation). Currently a newly issued works approval (W5788/2015/1) is being implemented intended to improve the quality of the treated wastewater and therefore reduce the risk posed by the irrigation of treated wastewater. This includes plans to install three aerators on the second, aerobic treatment pond and improve solid waste screening and removal prior to wastewater treatment.

The emissions risks for the Premises have not been reviewed as part of this Licence reissue. Existing Licence conditions have been transferred to the current REFIRE format licence and include other minor administrative changes in addition to standard licence conditions required under the new format licences. A full emissions risk assessment will be undertaken following completion of the works identified in the works approval, as part of a future Licence amendment to accommodate all site upgrades.



4 Decision table

All applications are assessed in line with the *Environmental Protection Act 1986*, the *Environmental Protection Regulations 1987*, DEC's Policy Statement - Limits and targets for prescribed premises (2006), and DER's Operational Procedure on Assessing Emissions and Discharges from Prescribed Premises. Where other references have been used in making the decision they are detailed in the decision document.

DECISION TABLE				
Works Approval / Licence section	Condition number W = Works Approval L = Licence	OSC or NSC	Justification (including risk description & decision methodology where relevant)	Reference documents
General conditions	L1.2.5	OSC	<p>Operation</p> <p><u>Emission Description</u> <i>Emission:</i> Stormwater contaminated with leachate from abattoir operations, including areas where animals are held prior to slaughter. <i>Impact:</i> Contamination of surrounding land and surface water drainage systems. However, the only nearby surface water bodies are a series of rain water dams within and adjacent to the Premises boundary. Potential impacts on ecology of surface water from the addition of nutrients and microorganisms. <i>Controls:</i> The main animal holding pen is roofed preventing contact with manure deposited during holding periods. The Licensee directs contaminated stormwater to a clay lined wastewater treatment pond system. Most roofed areas of the abattoir complex have gutters to capture stormwater runoff.</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> OSC 1.2.5 has been added to the licence to require the Licensee to operate and maintain a surface water management system that directs uncontaminated stormwater away from the operational and processing areas and away from the lined wastewater treatment pond system, keeping stormwater that has come into contact with waste separated from that which has not. The condition requires that stormwater that has come into contact with waste is considered and managed as leachate.</p>	<p>General provisions of the <i>Environmental Protection Act 1986</i>.</p> <p><i>Environmental Protection (Unauthorised Discharges) Regulations 2004</i>.</p>



DECISION TABLE				
Works Approval / Licence section	Condition number W = Works Approval L = Licence	OSC or NSC	Justification (including risk description & decision methodology where relevant)	Reference documents
	L1.3.1 - L1.3.5	NSC	<p><u>Residual Risk</u> Consequence: Minor Likelihood: Unlikely Risk Rating: Moderate</p> <p>NSC 1.3.1 has been included to replace condition 4 of the previous licence. NSC 1.3.2 has been added to the licence as a standard condition to describe and identify containment infrastructure requirements of all vessels or compounds on the Premises that store waste material, replacing condition 16 of the previous licence. NSC 1.3.3 has been added to the licence as a standard condition to describe the disposal and operational requirements for the management of wastes. NSC 1.3.4 has been included to replace conditions 5, 6 and 7 of the previous licence. NSC 1.3.5 has been included to replace condition 8 of the previous licence.</p>	
Emissions general	L2.1.1	OSC	Descriptive limits will be set through condition 2.6.2 of the licence and therefore the OCS regarding recording and investigation of any limits or targets exceeded has been included.	
Point source emissions to air including monitoring	N/A	N/A	There are no point source emissions to air from the premises that require regulation through this section. SC 1.2.1 applies.	<p>General provisions of the <i>Environmental Protection Act 1986</i></p> <p><i>Environmental Protection (Unauthorised Discharges) Regulations 2004.</i></p>



DECISION TABLE

Works Approval / Licence section	Condition number W = Works Approval L = Licence	OSC or NSC	Justification (including risk description & decision methodology where relevant)	Reference documents
Point source emissions to surface water including monitoring	N/A	N/A	There are no point source emissions to surface water from the premises.	
Point source emissions to groundwater including monitoring	N/A	N/A	There are no point source emissions to groundwater from the premises.	
Emissions to land including monitoring	L2.5.1, L2.5.2 L3.5.1	OSC	<p>Emissions to land and the monitoring of these emissions have not been reassessed as part of this licence reissue. The existing requirements to monitor emissions to land and report on emission limits for the application of treated wastewater have been converted as follows:</p> <p>OSC 2.5.1 has been included to replace condition 13 of the previous licence and clearly identifies the emission point from where both treated wastewater flow monitoring and sampling for quarterly monitoring takes place.</p> <p>OSC 2.5.2 has been included to replace condition 10 of the previous licence (with the exception of the requirement to develop a NIMP).</p> <p>OSC 3.5.1 has been included to replace conditions 13, 14 and 15 of the previous licence (excluding any requirement to monitor groundwater bores as there are currently no groundwater bores to sample from).</p> <p>Upgrades to the wastewater treatment system are being implemented under works approval W5788/2015/1. Subsequent to completion of these works a reassessment of the risks of emissions to land will be completed and incorporated into a future licence amendment. Future requirements may include the development of a NIMP and the installation of groundwater bores.</p>	<p>Aquasol Water Treatment Solutions 2014, <i>Department of Environment and Regulation – Wellard abattoir waste water treatment plant</i>, Perth, Western Australia.</p> <p>General provisions of the <i>Environmental Protection Act 1986</i></p>



DECISION TABLE				
Works Approval / Licence section	Condition number W = Works Approval L = Licence	OSC or NSC	Justification (including risk description & decision methodology where relevant)	Reference documents
Fugitive emissions	L2.6.1	OSC	Fugitive emissions have not been reassessed as part of this licence reissue. OSC 2.6.1 has been included to replace condition 3 of the previous licence.	
Odour	L2.7.1	OSC	Odour has not been reassessed as part of this licence reissue. OSC 2.7.1 has been included to replace condition 2 of the previous licence.	
Noise	N/A	N/A	Noise emissions have not been reassessed as part of this licence reissue. As the previous licence did not impose controls on noise, no specified conditions have been included in this section. The <i>Environmental Protection (Noise) Regulations 1997</i> and SC 1.2.1 apply.	<i>Environmental Protection (Noise) Regulations 1997</i>
Monitoring general	L3.1.1 – L3.1.4	OSC	Emissions to land are required to be monitored under condition 3.5.1. OSCs 3.1.1, 3.1.2, 3.1.3 and 3.1.4 have been included to ensure precision and accuracy with monitoring volumes of treated wastewater irrigated to land and accuracy during sample collection and analysis, and that sufficient time is provided between samples. OSC 3.1.1 has been included to replace conditions 11 and 12 of the previous licence.	General provisions of the <i>Environmental Protection Act 1986</i>
Monitoring of inputs and outputs	L3.6.1	OSC	OSC 3.6.1 has been included to replace conditions 13 and 14 of the previous licence with respect to monitoring and recording the volumetric output of treated wastewater irrigated to land. In addition OSC 3.6.1 requirements for input monitoring of the number of animals slaughtered has been included to replace condition 17 (v) of the previous licence. The additional requirement to monitor the live weight of animals slaughtered is required as part of conversion to the REFIRE format licence and monitoring against the approved production capacity of the abattoir.	



DECISION TABLE

Works Approval / Licence section	Condition number W = Works Approval L = Licence	OSC or NSC	Justification (including risk description & decision methodology where relevant)	Reference documents
Process monitoring	N/A	N/A	Process monitoring requirements have not been reassessed as part of this licence reissue. As the previous licence did not require process monitoring no specified conditions have been included in this section.	
Ambient quality monitoring	N/A	N/A	<p>Ambient quality monitoring requirements have not been reassessed as part of this licence reissue. The previous licence, under condition 15, had required quarterly sampling and monitoring from 3 groundwater bores. The requirement to install the bores was specified in condition 9 of the licence with a timeframe for completion specified as 31 December 2012. However, subsequent inspection of the Premises and Annual Environmental Reporting submitted in 2014 identified non-compliance with these conditions of the licence, in that no groundwater bores had been installed and therefore no subsequent monitoring has occurred.</p> <p>Groundwater is thought to be at least 30m below ground level and the Licensee identified issues with the presence of shallow bedrock as having prevented successful installation of any bores on the Premises. The nearest operating bore which supplies water for use in the abattoir is about 1.2km south of the abattoir. Groundwater is estimated to be around 10 metres below ground level at that point.</p> <p>As an alternative to previous licence conditions 9 and 15, with respect to assessing potential impacts of any emissions to groundwater from the existing three wastewater treatment ponds, the Licensee has been required to test the permeability status of the pond liners. The test results from March 2014 showed a permeability of 1.6×10^{-7} m/sec, which is below the standard permeability rating requirement of 1×10^{-9} m/sec.</p> <p>Any requirement for future ambient quality monitoring will be considered as part of a licence amendment following completion of the current pond upgrades under Works Approval W5788/2015/1.</p>	



DECISION TABLE				
Works Approval / Licence section	Condition number W = Works Approval L= Licence	OSC or NSC	Justification (including risk description & decision methodology where relevant)	Reference documents
Meteorological monitoring	N/A	N/A	Meteorological monitoring requirements have not been reassessed as part of this licence reissue. As the previous licence did not require meteorological monitoring no specified conditions have been included in this section.	
Improvements	N/A	N/A	Requirements for improvement conditions have not been assessed as part of this licence reissue. Works to upgrade the wastewater treatment system are due to be implemented under a recently issued works approval. Any requirement for further upgrades or improvements will be considered and assessed as part of a future licence amendment.	
Information	L5.1.3 - 5.1.4, L5.2.1	SC	SC 5.1.3 replaces condition 18 of the previous licence. SC 5.1.4 replaces condition 17(iii) of the previous licence. SC 5.2.1 replaces reporting aspects of conditions 1 and 14, and conditions 17 & 18 of the previous licence.	General provisions of the <i>Environmental Protection Act 1986</i>
	L5.2.2 - 5.2.3	OSC	OSC 5.2.2 replaces condition 17(ii) of the previous licence. OSC 5.2.3 replaces condition 17(ii) of the previous licence.	
	L5.3	N/A	Notification requirements have not been reassessed as part of this licence reissue. As the previous licence did not require any notifications no specified conditions have been included in this section.	

treatment plant,
Perth, Western
Australia.

General
provisions of the
*Environmental
Protection Act
1986*



5 Advertisement and consultation table

Date	Event	Comments received/Notes	How comments were taken into consideration
30/03/2015	Application advertised in West Australian (or other relevant newspaper)	No comments	NA
10/04/2015	Proponent sent a copy of draft instrument	No comments	NA

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