



Government of **Western Australia**
Department of **Environment and Conservation**

Your ref: L5199/1983/12
Our ref: SWE2014
Enquiries: Elizabeth Whisson
Phone: 9724 6136
Fax: 9621 3410
Email: Elizabeth.Whisson@dec.wa.gov.au

The Manager
Western Australian Meat Marketing Co-operative Limited
PO Box 703
Katanning WA 6317

Dear Sir/Madam

ENVIRONMENTAL PROTECTION ACT 1986 - AMENDMENT TO LICENCE

Licence: L519911983/12

Premises: WAMMCO International - Katanning Abattoir

Further to my letter dated Thursday, 24 May 2012, please find enclosed your amended *Environmental Protection Act 1986* licence.

If you have any questions or objections relating to the licence, please do not hesitate to contact the enquiries officer above on 9724 6136 for clarification or discussion of any grievances you have.

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

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

Yours sincerely

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Carissa Aitken
Sector Manager - Resource Industries

Thursday, 21 June 2012

copy to: Local Government Authority: Shire of Katanning

DIRECTOR GENERAL AND ENVIRONMENTAL SERVICES DIVISIONS: The Atrium, 168 St Georges Terrace, Perth, Western Australia 6000

Phone: (08) 6467 5000 Fax: (08) 6467 5562

PARKS AND CONSERVATION SERVICES DIVISIONS: Executive: Corner of Australia II Drive and Hackett Drive, Crawley, Western Australia 6009

Phone: (08) 9442 0300 Fax: (08) 9386 1578 Operations: 17 Dick Perry Avenue, Technology Park, Kensington, Western Australia 6151

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WESTERN AUSTRALIA
DEPARTMENT OF ENVIRONMENT AND CONSERVATION

Environmental Protection Act 1986

AMENDED LICENCE

LICENCE NUMBER: L519911983/12

FILE NUMBER: SWB2014-04

LICENSEE AND OCCUPIER:

Western Australian Meat Marketing Co-operative Limited
11 Kitchener Avenue
Burswood WA 6100

NAME AND LOCATION OF PREMISES:

WAMMCO International - Katanning Abattoir
Lot 3 on Diagram 42266 Great Southern Highway
Katanning WA 6317

Environmental Protection Regulations 1987

CLASSIFICATION(S) OF PREMISES:

Category 15: Abattoir
Category 16: Rendering operations
Category 55: Livestock saleyard or holding pen

COMMENCEMENT DATE OF LICENCE: Sunday, 16 October 2011

EXPIRY DATE OF LICENCE: Saturday, 15 October 2016

CONDITIONS OF LICENCE:

As described and attached:

DEFINITION(S) (15)

AIR POLLUTION CONTROL CONDITION(S) (6)

WATER POLLUTION CONTROL CONDITION(S) (13)

SOLID WASTE POLLUTION CONTROL CONDITION(S) (5)

ATTACHMENT(S) (2)

Carissa Aitken
Officer delegated under Section 20
of the *Environmental Protection Act 1986*

Date of Issue: Thursday, 15 September 2011

Date of Last Amendment: Thursday, 21 June 2012

WESTERN AUSTRALIA
DEPARTMENT OF ENVIRONMENT AND CONSERVATION

Environmental Protection Act 1986

LICENCE NUMBER: L5199/1983/12

FILE NUMBER: SWB2014-04

PREAMBLE

Applicability

This licence relates to the export abattoir, holding yards and rendering operation known as Western Australian Meat Marketing Co-Operative (WAMMCO) International - Katanning Abattoir, located at Lot 3 on Diagram 42266 Great Southern Highway, Katanning. These activities are prescribed within Schedule 1 of the Environmental Protection Regulations 1987 and include, but are not necessarily limited to, the following operations:

- the operation of an abattoir including the holding yards and the wastewater treatment system;
- the wastewater treatment system consists of a solids trap, rotary screen, DAF system, save-all, anaerobic and aerobic treatment ponds and on-site irrigation; and
- a rendering facility which consists of raw material storage bins, the hogging area, the cooker, cake processors, screens, storage and gas treatment system.

This facility is prescribed within Schedule 1 of the Environmental Protection Regulations 1987 as outlined in Table 1:

Table 1: Categories under which WAMMCO International is prescribed.

<i>Category number</i>	<i>Category name</i>	<i>Description</i>
15	Abattoir	premises on which animals are slaughtered
16	Rendering Operation	premises on which substances from animal material are processed or extracted.
55	Livestock saleyard or holding pens	premises on which live animals are held pending their sale, shipment or slaughter.

Licensed Throughput

This licence is currently issued for the following:

- the slaughter of up to 47,000 tonnes of animals per annum;
- up to 4,900 tonnes of rendered product per annum; and
- the holding of up to 1,200,000 animals per year.

Any significant increase (greater than 10 per cent) shall not occur unless prior written approval has been received by the Director or the increase is in accordance with a works approval issued under the *Environmental Protection Act 1986*.

Shire of Katanning Approvals

The licensee is encouraged to seek approval from the Shire of Katanning, prior to disposing of any solid Waste to the Shire of Katanning landfill site.

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DEPARTMENT OF ENVIRONMENT AND CONSERVATION

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CONDITIONS OF LICENCE

DEFINITIONS

In these conditions of licence, unless inconsistent with the text or subject matter:

"animal waste material" means blood, bone, fat and condemned carcasses;

"Act" means the Western Australian *Environmental Protection Act 1986*;

"APHA-AWWA-WEF" means American Public Health Association (APHA) - American Water Works Association (AWWA) - Water Environment Federation (WEF);

"ASINZS" means the most recent version (unless otherwise stated) of the specified Australian and New Zealand Standard as jointly published by Standards Australia International Ltd, Sydney and Standards New Zealand, Wellington;

"ASINZS 5667" means the most recent version and the relevant parts of the Australian and New Zealand series of guidance standards on Water Quality Sampling; (***see also AS/NZS***)

"Director" means Director, Environmental Regulation Division of the Department of Environment and Conservation for and on behalf of the Chief Executive Officer as delegated under Section 20 of the *Environmental Protection Act 1986*;

"Director" or "Department of Environment and Conservation" for the purposes of correspondence means-

Regional Leader: Industry Regulation
Department of Environment and Conservation
Wheatbelt Office
PO Box 100
NARROGIN WA 6312

Telephone: (08) 9622 8940
Facsimile: (08) 9622 8947;

"heavy rainfall" means where more than 25 millimetres of rainfall is received over a 24 hour period;

"irrigation area" means the area designated for disposal of treated wastewater and as depicted in Attachment 2;

"licensed" means licensed under Part V Division 3 the *Environmental Protection Act 1986* unless otherwise specified;

"licensee" means Western Australian Meat Marketing Co-operative Limited;

"mg/L" means the concentration of an aqueous solution and is the ratio of the mass of specific solute to the volume of solution (not solvent);

"NATA" means the National Association of Testing Authorities;

"premises" means Lot 3 on Diagram 42266 Great Southern Highway, Katanning (as depicted in Attachment 2); and

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"solid waste" means by-products, whether useful or useless, which are discharged into the environment.

AIR POLLUTION CONTROL CONDITIONS

DUST - GENERAL REQUIREMENT

1. The licensee shall not allow visible dust to cross the boundary of the premises.

STACK - DARK SMOKE EMISSIONS

2. The licensee shall ensure that the emission of dark smoke from any chimney stack does not continue for greater than a period of four (4) minutes in aggregate in any one (1) hour period.
3. The licensee shall ensure that the emission of dark smoke from the entire licensed premises does not continue for greater than a period of twenty (20) minutes in aggregate in any twenty-four (24) hour period.

RENDERING PLANT- GASES TREATMENT SYSTEM

4. The licensee shall operate the rendering facility such that the gas emission treatment system is operational whenever the cooker(s) is (are) in use.
5. The licensee shall direct all condensable gases from the cooker(s) to the condensers.

WASTE MATERIAL

6. The licensee shall:
 - (a) ensure all animal waste material is rendered or disposed off site within twenty-four (24) hours of the slaughter of the animal or receipt of the material;
 - (b) ensure that all animal waste material disposed off site is directed to a licensed landfill or rendering facility; and
 - (c) notify the Director in writing prior to disposing of any animal waste material in accordance with condition 6(b) of this licence.

WATER POLLUTION CONTROL CONDITIONS

WASTEWATER TREATMENT

7. The licensee shall, **prior to 30 September 2012**, direct all wastewater generated by the abattoir, excluding wastewater from the manure settling process, through a rotary screen and fat separation equipment prior to discharge to the wastewater treatment ponds.
8. The licensee shall, **from 30 September 2012**, direct all wastewater generated by the abattoir, through a solid trap, rotary screen and fat separation equipment prior to discharge to the wastewater treatment ponds.
9. The licensee shall direct all wastewater generated by the rendering facility through a solid trap, rotary screen and fat separation equipment prior to discharge to the wastewater treatment ponds.

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10. The licensee shall direct all wastewater generated by the lairage run-off and truck washdown through a solid settlement sump prior to discharge to the wastewater treatment ponds.

DISCHARGE TO PINWERNYING CREEK

11. The licensee shall ensure raw, stabilised or other contaminated wastewaters are not discharged to the Pinwernying Creek or its tributaries.

MANAGEMENT OF WASTEWATER TREATMENT PONDS

12. The licensee shall manage and operate the wastewater treatment ponds in a manner such that:
- (a) all uncontaminated stormwater is diverted away from the ponds, to minimise the threat of erosion of pond embankments or flooding;
 - (b) leakage from, or overtopping of the ponds does not occur;
 - (c) trapped overflows are maintained on the discharge from the anaerobic treatment pond to prevent carry over of surface floating matter to the subsequent treatment ponds;
 - (d) aerobic and maturation pond surfaces are kept clear of floating matter and algal mats. Vegetation on inner pond embankments of ponds shall not interfere with the integrity of pond walls or adequate water surface aeration, or mask overtopping or other leakage. Vegetation on the anaerobic pond shall not interfere with the integrity of the crust; and
 - (e) A crust is maintained on the anaerobic pond(s) to minimise the emission of offensive odours and to enhance the breakdown of unstable organic matter.

TREATED WASTEWATER IRRIGATION

13. The licensee shall dispose of all treated wastewaters by irrigation such that:
- (a) wastewater is evenly distributed over the irrigation area;
 - (b) no soil erosion or ponding of wastewaters occurs;
 - (c) a healthy vegetation cover is maintained over the effluent irrigation areas;
 - (d) there is no direct runoff, spray drift or discharge beyond the boundaries of the licensed premises; and
 - (e) irrigation shall not occur onto flooded areas.
14. The licensee shall manage the application of wastewater to the irrigation areas to ensure that the following nutrient loading rates are not exceeded:
- (a) nitrogen - less than 250 kilograms per hectare per year; and
 - (b) phosphorus - less than 60 kilograms per hectare per year.

MONITORING REQUIREMENTS - GENERAL SAMPLING

15. The licensee shall collect, preserve and analyse all water samples in accordance with AS/NZS 5667.
16. The licensee shall submit all water samples to a laboratory with current NATA accreditation for the analyses specified for analysis in accordance with the current "Standard Methods for Examination of Water and Wastewater-APHA-AWWA-WEF".

WASTEWATER MONITORING REQUIREMENTS

17. The licensee shall maintain a device for measuring monthly cumulative volumes of wastewater discharged from the final outlet of the pond system.

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18. The licensee shall, **every three months**, collect a representative sample of wastewater discharged to the on-site irrigation area. The following parameters shall be determined:
- (a) pH;
 - (b) 5-day biochemical oxygen demand (BOD₅);
 - (c) total suspended solids ;
 - (d) total nitrogen; and
 - (e) total phosphorus.

With the exception of pH, all measurements are to be reported in mg/L.

19. The licensee shall collect samples of water from Pinwernying Creek ("the creek") of which the premises is part of the headwaters, as depicted in Attachment 2 and the following:

Sampling Location	Parameters analysed	Sampling frequency
A = the point where the creek passing under Trimmer Road enters the licensed premises, as shown Attachment 2. B = the point where the creek branch that passes through point A leaves the premises, as shown Attachment 2.	Total Nitrogen, Total Phosphorus, and Oil and Grease.	Monthly (with the sample to be collected on the same day each month). Samples shall also be collected the day following a heavy rainfall event (that is, where more than 25 millimetres of rainfall is received over a 24 hour period) Sampling shall commence 1 May each year or the week of first flow in the creek, whichever occurs first, and conclude 30 September each year or when flow in the creek ceases, whichever occurs last.

All measurements are to be reported in mg/L.

SOLID WASTE POLLUTION CONTROL CONDITIONS

SOLID WASTE REMOVAL

20. The licensee shall, aside from those materials referred to in condition 21, remove solid waste generated at the premises (including desludging waste) for off-site disposal.
21. The licensee shall only bury solid animal carcasses and solid animal waste material on the premises.
22. The licensee shall take the following measures when burying waste referred to in condition 21 on the premises:
- (a) dispose of waste in a defined trench at least 50 metres from the premises boundary or a watercourse or a water body;
 - (b) cover waste with at least 230 mm of cover material at least weekly;
 - (c) ensure the base of the trench shall be at least two metres above the highest known groundwater table; and

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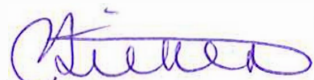
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- (d) shall cover waste with a final soil cover of at least one metre.

MONITORING AND REPORTING

23. The licensee shall provide to the Director by **1 February** each year, a copy of an Annual Environmental Report containing data collected during the period beginning 1 January and ending on 31 December the previous year. The report shall contain, but not be limited to:
- (a) monitoring data or other collected data required by any condition of this licence (data should be provided in tables and in graphical format);
 - (b) an explanation of the monitoring data in comparison with past monitoring data collected for previous licences issued under Part V of the Act for the premises;
 - (c) the number and type of complaints received including complainants name, address, nature of complaint (where appropriate cross referenced with prevailing wind directions) and action taken;
 - () any changes to site boundaries, location of groundwater monitoring bores, surface drainage channels and on-site or off-site impacts or pollution;
 - (e) the monthly number of animals and tonnages of meat processed; and
 - (f) the annual tonnage of material rendered.
24. The licensee shall provide to the Director by **1 February** each year, an Annual Audit Compliance Report in the form in Attachment 1 to this licence, signed and certified in the manner required by Section C of the form, indicating the extent to which the licensee has complied with the conditions of this licence, and any previous licence issued under Part V of the Act for the premises, during the period beginning 1 January and ending on 31 December the previous year.



Carissa Aitken
Officer delegated under Section 20
of the *Environmental Protection Act 1986*

Date of Issue: Thursday, 15 September 2011

Date of Last Amendment: Thursday, 21 June 2012

ATTACHMENT 1 - ANNUAL AUDIT COMPLIANCE REPORT

LICENCE NUMBER: L519911983112

FILE NUMBER: SWB2014-04

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 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 initialed by the person(s) who signs Section C of this annual audit compliance report

INITIAL: _____

ATTACHMENT 1 -ANNUAL AUDIT COMPLIANCE REPORT

LICENCE NUMBER: L5199/1983/12

FILE NUMBER: SWB2014-04

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 DEC?	
D Yes D Reported to DEC verbally Date _____ D Reported to DEC in writing Date _____	D No
d) Has DEC taken, or finalised any action in relation to the non compliance?	
e) Summary of particulars of 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 initialed by the person(s) who signs Section C of this annual audit compliance report

INITIAL: _____

ATTACHMENT 1 -ANNUAL AUDIT COMPLIANCE REPORT

LICENCE NUMBER: L5199/1983/12

FILE NUMBER: SWB2014-04

SECTION C - SIGNATURE AND CERTIFICATION

This Annual Audit Compliance Report may only be signed by a person(s) with legal authority to sign it. The ways in which the Annual Audit Compliance Report 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 Annual Audit Compliance Report 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"/> D	by the individual licence holder, or
	<input type="checkbox"/> D	by a person approved in writing by the Chief Executive Officer of the Department of Environment and Conservation to sign on the licensee's behalf.
A firm or other unincorporated company	<input type="checkbox"/> D	by the principal executive officer of the licensee; or
	<input type="checkbox"/> D	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 and Conservation.
A corporation	<input type="checkbox"/> D	by affixing the common seal of the licensee in accordance with the Corporations Act 2001; or
	<input type="checkbox"/> D	by two directors of the licensee; or
	<input type="checkbox"/> D	by a director and a company secretary of the licensee, or
	<input type="checkbox"/> D	if the licensee is a proprietary company that has a sole director who is also the sole company secretary - by that director, or
	<input type="checkbox"/> D	by the principal executive officer of the licensee; or
	<input type="checkbox"/> D	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 and Conservation.
A public authority (other than a local government)	<input type="checkbox"/> D	by the principal executive officer of the licensee; or
	<input type="checkbox"/> D	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 and Conservation.
a local government	<input type="checkbox"/> D	by the chief executive officer of the licensee; or
	<input type="checkbox"/> D	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)

ATTACHMENT 2 - PLAN OF PREMISES

LICENCE NUMBER: L5199/1983/12

FILE NUMBER: SWB2014-04

