



Licence

Environmental Protection Act 1986, Part V

Licensee: Semini Enterprises Pty Ltd

Licence: L7986/2004/6

Registered office: 7 Harris Road
Busselton WA 6280

ACN: 069 792 981

Premises address: Semini Feedlot
41 Jindong-Treeton Road
TREETON WA 6284
Being Lot 2254 on Plan 20309 and Lot 2 on Diagram 35159 as depicted
in Schedule 1

Issue date: Thursday, 17 March 2016

Commencement date: Saturday, 19 March 2016

Expiry date: Monday, 18 March 2030

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	2,000 animals

Conditions

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

Date signed: 17 March 2016

.....
Jonathan Bailes
Manager Licensing (Process Industries)
Officer delegated under section 20
of the *Environmental Protection Act 1986*



Contents

Introduction	2
Licence conditions	4
1 General	4
2 Emissions	7
3 Monitoring	8
4 Information	9
Schedule 1: Maps	11
Schedule 2: Reporting & notification forms	14

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

Semini Feedlot is a cattle feedlot located in Treeton, approximately 255 kilometres (km) south of Perth. The premises is zoned rural under the Shire of Augusta-Margaret River Local Planning Scheme 1. The closest residential property is approximately 1.4 km from the premises with the town of Cowaramup 10 km north-west.

The premises is located within the Busselton Coast Basin and the Caribunup River catchment. It is located within a groundwater area that is proclaimed under the *Rights in Water and Irrigation Act 1914*.

A number of minor and major watercourses are located within the premises boundary, in the vicinity of the feedlot pens and composting area. The majority of the watercourses are unnamed. The Caribunup River and Caribunup Brook are the named major watercourses.

Cattle are confined within pens and fed and watered before being transported off-site for slaughter. The premises has twelve pens in total with a combined area of 17,280m². The pens are of varying sizes with the smallest being 1,200 m² and the largest 1,740m². The maximum number of cattle in a pen varies between 133 to 193 head of cattle. The stocking density of the pens varies with the size of the pen and climatic conditions. Some of the pens provide a sheltered section.

Manure, effluent, and carcasses are generated from the operation of the premises. Pens are scraped of manure, spilt feed and drinking water, and sawdust, at least, every 20 weeks. Waste from the pens is stored in a short-term storage area located next to the retention basin for up to 28 days prior to being moved to the composting area. Waste from feedlot operations is combined with grape marc, bark, sawdust and vegetable offcuts. Between 400 and 500 tonnes of compost is manufactured each year.

A controlled drainage area directs run-off from the pens and solid waste storage area to the retention basin. The wastewater from the retention basin is disposed of via evaporation and irrigation to a defined area within the premises boundary. A pump directs wastewater from the retention basin to a travelling irrigator sprinkler.

Carcasses are buried on site within a burial pit located on top of a hill that overlooks the feedlot pens.

This Licence is the successor to licence L7986/2004/5. It has been amended into the current licence template and incorporates information provided in the Licensee's application for the reissue of the licence. The premises boundary has been altered to include Lot 2 on Diagram 35159 to capture the designated irrigation area within the prescribed premises.



The licences and works approvals issued for the Premises since 14/03/2005 are:

Instrument log		
Instrument	Issued	Description
L7986/2004/1	14/03/2005	New application
L7986/2004/2	14/03/2006	Licence re-issue
L7986/2004/3	14/03/2007	Licence re-issue
L7986/2004/4	19/03/2008	Licence re-issue
L7986/2004/5	19/03/2013	Licence re-issue
L7986/2004/6	17/03/2016	Licence reissue and amendment to new 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*;

'annual period' means the inclusive period from 1 June until 31 May in the following year;

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

'AS/NZS 5667.6' means the Australian Standard AS/NZS 5667.6 *Water Quality – Sampling – Guidance on sampling of rivers and streams*;

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

'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

'composted material' means the waste materials that have been microbiologically transformed under controlled aerobic conditions;



'controlled drainage area' means the area on the premises that drains to the retention basin and includes pens, lane ways, manure storage area and the retention basin;

'effluent' means the liquid by-product comprising of wastewater, spilt/leaked drinking water, manure, sawdust and waste feed;

'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;

'Licence' means this Licence numbered L7986/2004/6 and issued under the Act;

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

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

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

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

'retention basin' means a pond designed to capture and store runoff before the captured runoff is either applied to land or evaporated;

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

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

'sludge' means accumulated solids separated from effluent during wastewater storage;

'solids' means solids scraped from the feedlot pens consisting of manure, spilt feed and drinking water and sawdust; and

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

- 1.1.3 Any reference to an Australian or other standard in the Licence means the relevant parts of the standard in force from time to time during the term of this Licence.
- 1.1.4 Any reference to a guideline or code of practice in the Licence means the version of that guideline or code of practice in force from time to time and shall include any amendments or replacements to that guideline or code of practice made during the term of this Licence.
- 1.1.5 Nothing in the Licence shall be taken to authorise any emission that is not mentioned in the Licence, where the emission amounts to:
 - (a) pollution;
 - (b) unreasonable emission;
 - (c) discharge of waste in circumstances likely to cause pollution; or
 - (d) being contrary to any written law.



1.2 Premises operation

- 1.2.1 The Licensee shall ensure that all effluent and wastewaters from feedlot operations including wash down water, by-products wastewater, and contaminated runoff are directed to the retention basin.
- 1.2.2 The Licensee shall direct uncontaminated roof and up-gradient stormwater away from the controlled drainage area.
- 1.2.3 The Licensee shall ensure that waste material is only stored and/or treated within vessels or compounds provided with the infrastructure detailed in Table 1.2.3.

Structure and location on premises maps	Material	Infrastructure requirements
Feedlot pens	Manure, contaminated stormwater and wastewater	Lined with in-situ soils
Retention basin	Manure, contaminated stormwater and wastewater	Clay-lined
Solids stockpile storage area (short term)	Manure and associated waste material scraped from the feedlot pens	Lined with in-situ soils
Composting area	Manure, sludge, grape marc, bark, sawdust and vegetable offcuts	Lined with clay and gravel and bunded to ensure no runoff

- 1.2.4 The Licensee shall manage the retention basin such that:
- (a) overtopping of the basin does not occur; and
 - (b) a minimum top of embankment freeboard of at least 300 mm is maintained.
- 1.2.5 The Licensee shall ensure that the pasture in the designated irrigation area is mechanically harvested at least once in each annual period.
- 1.2.6 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 1.2.6.



Table 1.2.6: Management of Waste		
Waste type	Disposal strategy	Operational requirements
Wastewater	Irrigation	The Licensee shall ensure that irrigation meets the following requirements: <ul style="list-style-type: none">• irrigation does not occur in areas where the water table rises to within 1m of the surface during the irrigation period;• irrigation does not occur within 100m of a surface water body excluding dams within the premises boundary;• no irrigation generated runoff, spray drift or discharge occurs beyond the boundary of the Premises;• treated wastewater is evenly distributed over the irrigation area;• no soil erosion occurs;• vegetation cover is maintained over the wastewater irrigation areas; and• irrigation does not occur on land that is waterlogged.
	Evaporation	None specified
Carcass	Burial	The carcass disposal area shall be: <ul style="list-style-type: none">(a) clay lined burial pits, with the bottom of the pit at least 1.5 metres above the seasonal high water table;(b) located at least 100 metres from any well, bore or watercourse; and(c) covered with earth within 1 hour of carcass disposal.
Solids from feedlot pens	Stockpiling and composting	<ul style="list-style-type: none">(a) feedlot pens shall be scraped of excess solids at least once every 20 weeks;(b) stockpiled solids pending final disposal shall not be stored in the short-term storage area for more than 28 days; and(c) a logbook must be maintained of the dates in which the events referred to in (a) are carried out and the timeframes relating to (b).
Composted material and sludge	Removed offsite or onsite application to land	Composted material shall not be disposed of onto the designated irrigation area or within 100 metres of a watercourse.

2 Emissions

2.1 General

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

2.2 Emissions to land

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



Table 2.2.1: Emissions to land		
Emission point reference and location on premises map	Description	Source including abatement
L1	Irrigation area (11.6ha)	Wastewater from retention basin
Premises boundary excluding irrigation area L1	Area used for application of manure or sludge to land	Manure stockpile or sludge separated from the wastewater in the retention pond

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

Table 2.2.2: Emission limits to land			
Emission point reference	Parameter	Limit (including units)	Averaging period
L1	Total nitrogen	300 kg/ha	Annual
	Total phosphorus	50 kg/ha	Annual
	Biological Oxygen Demand (BOD) (5 day filtered)	30 kg/ha	Daily
Premises boundary excluding L1	Manure or sludge	6.1 tonnes/ha	Annual

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 surface water sampling is conducted in accordance with AS/NZS 5667.6; and
- (d) all laboratory samples are submitted to and tested by a laboratory with current NATA accreditation for the parameters being measured unless indicated otherwise in the relevant table.

3.1.2 The Licensee shall ensure that annual monitoring is undertaken at least 9 months apart.

3.2 Monitoring of emissions to land

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

Table 3.2.1: Monitoring of emissions to land			
Emission point reference	Parameter	Units	Frequency
M1 – retention basin irrigation outlet	Total phosphorus	mg/L	Annual
	Total nitrogen		
	Biological Oxygen Demand (BOD) (5 day filtered)		
	Total suspended solids		
	Total dissolved solids		



3.3 Ambient environmental quality monitoring

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

Table 3.3.1: Monitoring of ambient surface water quality				
Monitoring point reference and location	Parameter	Units	Averaging period	Frequency
WQ1 and WQ2	Total phosphorus	mg/L	Spot sample	Twice during the annual period – at the first winter rains and three weeks after the first winter rain
	Total nitrogen			
	Total suspended solids			
	Total dissolved solids			

4 Information

4.1 Records

4.1.1 All information and records required by the Licence shall:

- (a) be legible;
- (b) if amended, be amended in such a way that the original and subsequent amendments remain legible or are capable of retrieval;
- (c) except for records listed in 4.1.1(d) be retained for at least 6 years from the date the records were made or until the expiry of the Licence or any subsequent licence; and
- (d) for those following records, be retained until the expiry of the Licence and any subsequent licence:
 - (i) off-site environmental effects; or
 - (ii) matters which affect the condition of the land or waters.

4.1.2 The Licensee shall ensure that:

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

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

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

4.2 Reporting

4.2.1 The Licensee shall submit to the CEO an Annual Environmental Report by 30 June each year. 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
-	Number of cattle held at the Premises each month	
3.2.1	Monitoring of emissions to land	
3.3.1	Monitoring of ambient surface water quality	
4.1.3	Compliance	Annual Audit Compliance Report (AACR)
4.1.4	Complaints summary	None specified

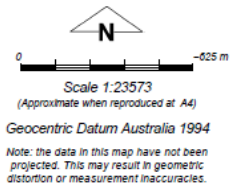
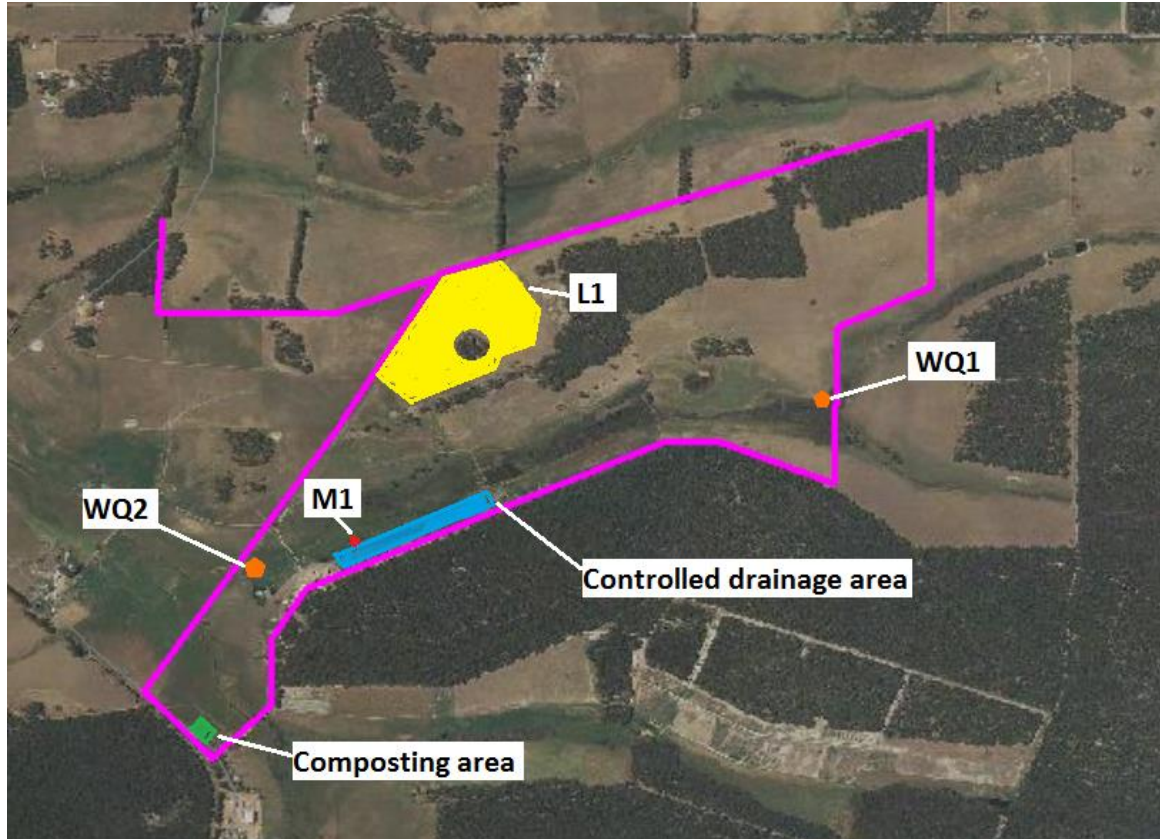
Note 1: Forms are in Schedule 2



Schedule 1: Maps

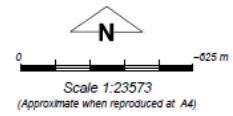
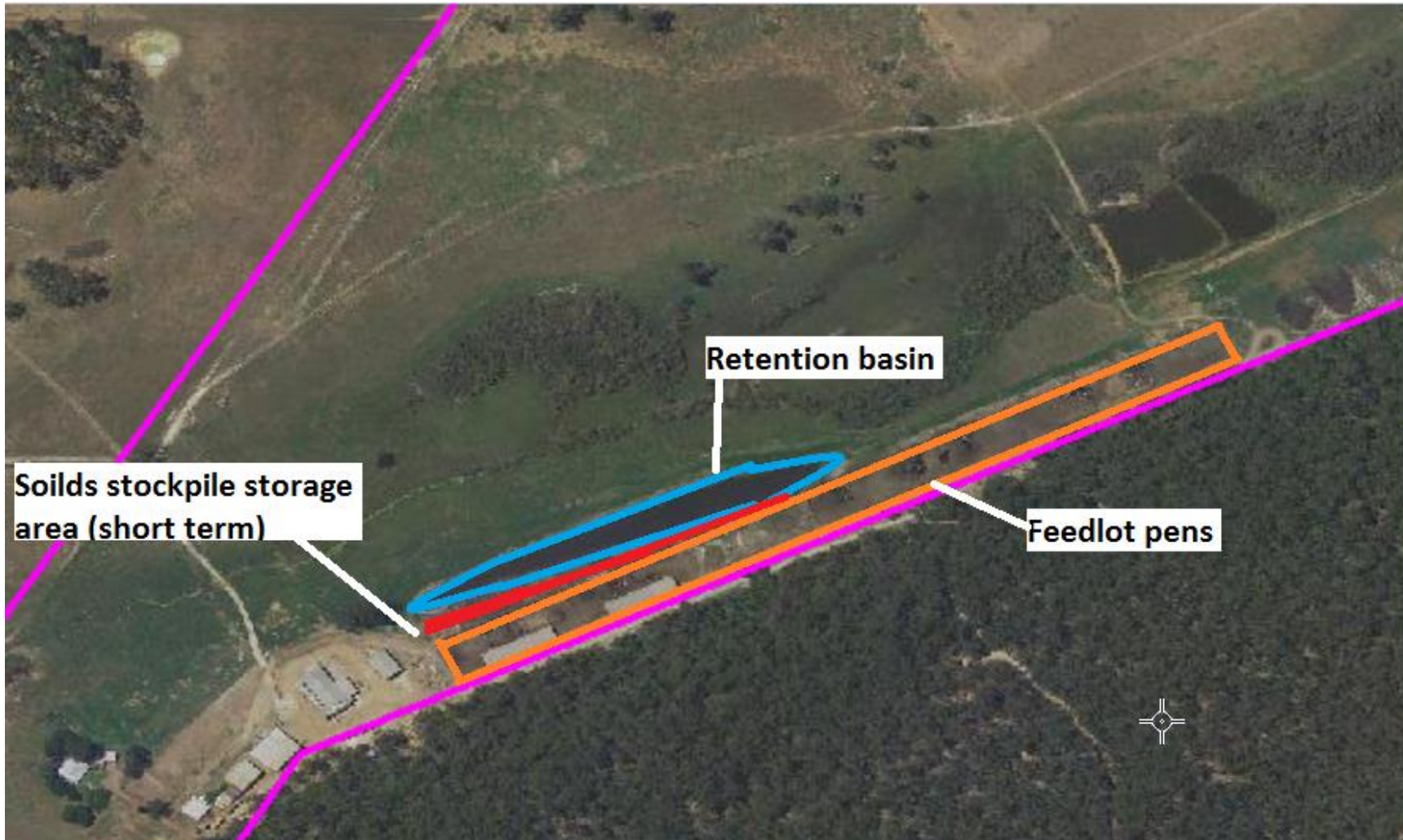
Premises map

The Premises is shown in the maps below. The pink line depicts the Premises boundary. The locations of the emission points defined in Table 2.2.1 are shown below. The locations of the monitoring points defined in Table 3.2.1 and 3.3.1 are shown below.





Map of feedlot pens, retention basin and temporary solids storage





Map of feedlot pens





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

STATEMENT OF COMPLIANCE WITH LICENCE CONDITIONS

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

Yes Please proceed to Section C

No Please proceed to Section B

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

Initial:



SECTION B

DETAILS OF NON-COMPLIANCE WITH LICENCE CONDITION.

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

a) Licence condition not complied with:	
b) Date(s) when the non compliance occurred, if applicable:	
c) Was this non compliance reported to DER?:	
<input type="checkbox"/> Yes	<input type="checkbox"/> Reported to DER verbally Date _____
	<input type="checkbox"/> Reported to DER in writing Date _____
<input type="checkbox"/> No	
d) Has DER taken, or finalised any action in relation to the non compliance?:	
e) Summary of particulars of the non compliance, and what was the environmental impact:	
f) If relevant, the precise location where the non compliance occurred (attach map or diagram):	
g) Cause of non compliance:	
h) Action taken, or that will be taken to mitigate any adverse effects of the non compliance:	
i) Action taken or that will be taken to prevent recurrence of the non compliance:	

Each page must be initialled by the person(s) who signs Section C of this AACR

Initial:



SECTION C

SIGNATURE AND CERTIFICATION

This Annual Audit Compliance Report (AACR) may only be signed by a person(s) with legal authority to sign it. The ways in which the AACR must be signed and certified, and the people who may sign the statement, are set out below.

Please tick the box next to the category that describes how this AACR is being signed. If you are uncertain about who is entitled to sign or which category to tick, please contact the licensing officer for your premises.

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

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

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

SIGNATURE: _____

SIGNATURE: _____

NAME:
(printed) _____

NAME:
(printed) _____

POSITION: _____

POSITION: _____

DATE: ____/____/____

DATE: ____/____/____

SEAL (if signing under seal)



Decision Document

Environmental Protection Act 1986, Part V

Proponent: Semini Enterprises Pty Ltd

Licence: L7986/2004/6

Registered office: 7 Harris Road
Busselton WA 6280

ACN: 069 792 981

Premises address: Semini Feedlot
41 Jindong-Treeton Road,
Treeton WA 6284
Being Lot 2254 on Plan 20309 and Lot 2 on Diagram 35159

Issue date: Thursday, 17 March 2016

Commencement date: Saturday, 19 March 2016

Expiry date: Monday, 18 March 2030

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: Terrel MacGregor
Licensing Officer

Decision Document authorised by: Jonathan Bailes
Delegated Officer



Contents

1	Purpose of this Document	2
2	Administrative summary	2
3	Executive summary of proposal and assessment	3
4	Decision table	4
5	Advertisement and consultation table	6
6	Risk Assessment	6

1 Purpose of this Document

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

2 Administrative summary

Administrative details		
Application type	Works Approval <input type="checkbox"/>	New Licence <input 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
	1	2,000 animals
Application verified	Date: 02/02/2016	
Application fee paid	Date: 22/02/2016	
Works Approval has been complied with	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	
Compliance Certificate received	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	
Commercial-in-confidence claim	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Commercial-in-confidence claim outcome		
Is the proposal a Major Resource Project?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Was the proposal referred to the Environmental Protection Authority (EPA) under Part IV of the <i>Environmental Protection Act 1986</i> ?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Referral decision No: Managed under Part V <input type="checkbox"/> Assessed under Part IV <input type="checkbox"/>
Is the proposal subject to Ministerial Conditions?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Ministerial statement No: EPA Report No:
Does the proposal involve a discharge of waste into a designated area (as defined in section 57 of the <i>Environmental Protection Act 1986</i>)?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Department of Water consulted Yes <input type="checkbox"/> No <input type="checkbox"/>
Is the Premises within an Environmental Protection Policy (EPP) Area	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Is the Premises subject to any EPP requirements?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	



3 Executive summary of proposal and assessment

Semini Feedlot is a cattle feedlot located in Treeton, approximately 255 kilometres (km) south of Perth. The premises is zoned rural under the Shire of Augusta-Margaret River Local Planning Scheme 1. The closest residential property is approximately 1.4 km from the premises with the town of Cowaramup 10 km north-west.

The premises is located within the Busselton Coast Basin and the Carburnup River catchment. It is located within a groundwater area that is proclaimed under the *Rights in Water and Irrigation Act 1914*. Priority 1 and 2 drinking water source areas are located approximately 2,320 km south and 2,230 km east of the premises.

A number of minor and major watercourses are located within the premises boundary, in the vicinity of the feedlot pens and composting area. The majority of the watercourses are unnamed. The Carburnup River and Carburnup Brook are the named major watercourses.

Cattle are confined within pens and fed and watered before being transported off-site for slaughter. The premises has twelve pens in total with a combined area of 17,280m². The pens are of varying sizes with the smallest being 1,200 m² and the largest 1,740m². The maximum number of cattle in a pen varies between 133 to 193 head of cattle. The stocking density of the pens varies with the size of the pen and climatic conditions. Some of the pens provide a sheltered section.

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A controlled drainage area directs run-off from the pens and solid waste storage area to the retention basin. The wastewater from the retention basin is disposed of via evaporation and irrigation to a defined area within the premises boundary. A pump directs wastewater from the retention basin to a travelling irrigator sprinkler.

Carcasses are buried on site within a burial pit located on top of a hill that overlooks the feedlot pens.

This Licence is the successor to licence L7986/2004/5. It has been amended into the current licence template and incorporates information provided in the Licensee's application for the reissue of the licence. The premises boundary has been altered to include Lot 2 on Diagram 35159 to capture the designated irrigation area within the prescribed premises. Definitions that are relevant to licence conditions have been added to the licence in line with other category 1 prescribed premises licences.

DER has considered whether the risk profile of emissions and discharges from the premises has changed since the previous licence was granted. No significant changes have occurred and, therefore, DER has not amended conditions relating to emissions and discharges.



4 Decision table

All applications are assessed in line with the *Environmental Protection Act 1986*, the *Environmental Protection Regulations 1987* and DER's Operational Procedure on Assessing Emissions and Discharges from Prescribed Premises. Where other references have been used in making the decision they are detailed in the decision document.

DECISION TABLE			
Works Approval / Licence section	Condition number W = Works Approval L = Licence	Justification (including risk description & decision methodology where relevant)	Reference documents
Definitions and Interpretation	L1.1.3 – 1.1.5	The Licence has been updated to the current version of the licence template.	N/A
Premises operation	L1.2.1 – 1.2.5	<p>Conditions 1.2.1 and 1.2.3 replace previous licence condition W1(b) in regards to wastewater management. Table 1.3.1 outlines the infrastructure on site and the types of waste materials stored or treated. Infrastructure requirements have been included to clarify information included in the application supporting documents.</p> <p>Previous licence condition W1(a) is replaced by condition 1.3.2 to ensure that uncontaminated stormwater is directed away from the controlled drainage area.</p> <p>Condition 1.2.3 replaces previous condition W2 in relation to the management of the retention basin. Previous conditions W3(a) and (b) for the irrigation of wastewater are replaced by conditions 1.3.4 and 1.3.5. Table 1.3.2 outlines the management of wastes on the premises. Minimum operational requirements for irrigation have been included. Previous conditions S1(a) and (b), S2(a) and (b), and S3(b) are replaced by operational requirements in Table 1.3.2.</p>	<p>Application supporting documentation</p> <p>Licence L7986/2004/5</p>
Emissions general	L2.1.1	Descriptive limits from the previous licence are reproduced in condition 2.2.2 of the licence and, therefore, a condition regarding the recording and investigation of exceedances of limits has been included.	N/A



DECISION TABLE			
Works Approval / Licence section	Condition number W = Works Approval L= Licence	Justification (including risk description & decision methodology where relevant)	Reference documents
Emissions to land including monitoring	L2.2.1 and L2.2.2	Table 2.2.1 has been included in the licence to reference the emission points associated with the discharge of wastewater to land. Condition 2.2.2 replaces conditions W3(a) and S3(a,) specifying the emission limits to land.	Licence L7986/2004/5
Monitoring general	L3.1.1 – 3.1.5 L3.2.1 – 3.3.1	Conditions 3.1.1 – 3.1.5 replace previous conditions W4(b) and W4(c). The wastewater and surface water monitoring requirements of previous licence condition W4(a) have been replaced by conditions 3.2.1 and 3.3.1.	Licence L7986/2004/5
Information	L4.1.1 – 4.1.4 L4.2.1 L4.3.1	Conditions 4.1.3 and 4.1.4 replace conditions R2 and R1(iv) of the previous licence. Condition 4.2.1 replaces previous condition R1 requiring the submission of an annual environmental report.	Licence L7986/2004/5
Licence Duration	N/A	The duration of the licence has been extended to 2030 in accordance with DER Guidance Statement on Licence Duration.	DER Guidance Statement: Licence Duration



5 Advertisement and consultation table

Date	Event	Comments received/Notes	How comments were taken into consideration
29/02/2016	Application advertised in West Australian (or other relevant newspaper)	No comments received	N/A
16/03/2016	Proponent sent a copy of draft instrument	No comments received	N/A

6 Risk Assessment

Note: This matrix is taken from the DER Corporate Policy Statement No. 07 - Operational Risk Management

Table 1: Emissions Risk Matrix

Likelihood	Consequence				
	Insignificant	Minor	Moderate	Major	Severe
Almost Certain	Moderate	High	High	Extreme	Extreme
Likely	Moderate	Moderate	High	High	Extreme
Possible	Low	Moderate	Moderate	High	Extreme
Unlikely	Low	Moderate	Moderate	Moderate	High
Rare	Low	Low	Moderate	Moderate	High