



# Licence

## *Environmental Protection Act 1986, Part V*

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**Licensee:** Shire of Esperance

**Licence:** L8793/2013/1

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**Registered office:** Lot 12 on Plan 9302  
12 Windich Street  
ESPERANCE WA 6450

**Premises address:** Myrup Truck Wash and Liquid Waste Facility  
Lot 1885 on Plan 171656  
Myrup Road  
MYRUP WA 6450 as depicted in Schedule 1

**Grant date:** Thursday, 10 April 2014

**Commencement date:** Monday, 14 April 2014

**Expiry date:** Thursday, 13 April 2028

**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
61	Liquid waste facility: premises on which liquid waste produced on others premises (other than sewerage waste) is stored, reprocessed, treated or irrigated.	100 tonnes or more per year	15,500 tonnes per annual period

### Conditions

Subject to this Licence and the conditions set out in the attached pages.

29 June 2016

.....  
Steve Checker  
MANAGER LICENSING (WASTE INDUSTRIES)  
Officer delegated under section 20  
of the *Environmental Protection Act 1986*



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## Introduction

This Introduction is not part of the Licence conditions.

### DER's industry licensing role

The Department of Environment Regulation (DER) is a government department for the state of Western Australia in the portfolio of the Minister for Environment. DER's purpose is to advise on and implement strategies for a healthy environment for the benefit of all current and future Western Australians.

DER has responsibilities under Part V of the *Environmental Protection Act 1986* (the Act) for the licensing of prescribed premises. Through this process DER regulates to prevent, control and abate pollution and environmental harm to conserve and protect the environment. DER also monitors and audits compliance with works approvals and licence conditions, takes enforcement action as appropriate and develops and implements licensing and industry regulation policy.

### Licence requirements

This licence is issued under Part V of the Act. Conditions contained with 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.

Other guidelines which you should be aware of include:

- *Western Australian Guidelines for Biosolids Management*, Department of Environment and Conservation, December 2012 (as amended from time to time).

### **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 the Environment. You are required to comply with any conditions imposed by the Minister.

### **Premises description and Licence summary**

The Myrup Truck Wash and Liquid Waste Facility (the Facility) is located on Lot 1885 Myrup Road, Myrup, about 15km north of the Esperance town site. The truck wash has been operating at this site since 2002, servicing stock trucks. The surrounding land use is primarily agriculture and special rural smallholdings. The closest residence is about 1 km west of the facility, the Department of Agriculture and Food Western Australia has an office about 1 km southeast and the Shark Lake Abattoir is about 0.5 kilometres south. The Esperance speedway lies about 0.5 km north of the site.

The Facility has a maximum annual production and design treatment capacity of 15,500 tonnes. Throughput from controlled waste carriers in 2014 was 974 tonnes and truck wash flows range from 7,500 - 13,500 tonnes/ year. A bench-top assessment indicates the Facility will have a lifespan of about 17 years (2013 to 2030).

The Facility is located within the Shire of Esperance Town Planning Scheme Special Control Area No. 5 Wetlands of Significance, Lake Warden Recovery Catchment Special Control Area 5. The Lake Warden system is a listed RAMSAR wetland and wetland of national importance and consists of a series of saline coastal lakes located south of the Facility. Regional groundwater tends in a north-south hydraulic gradient; the depth to groundwater at the Facility is approximately 6.5 metres below ground level.

The Facility receives liquid waste from authorised Controlled Waste Carriers, and stock truck wash waters from the truck wash at the premises and from external vehicle wash down waters brought to the premises.

Liquid wastes are accepted via a 34 cubic metre capacity sealed concrete tank that gravity drains to the anaerobic ponds, prior to final disposal within the evaporation pond. The tank has a solids screen to capture large objects (and solids) and allow for easy cleaning. Screened (solid) material collected and transferred to the sludge drying beds is removed for final disposal offsite at an appropriate landfill facility.

The truck wash down water from the truck wash hardstand is directed to the on-site truck wash water sump. The solids/ sediments settle out within the sump for later removal to the sludge drying bed with



the liquid fraction then pumped to the evaporation pond, approximately 100m from the truck wash hardstand. The sludge drying bed consists of a 20 x 20 meter impervious (concrete), bunded, hardstand which drains into the sump.

The liquid waste treatment system uses a series of High Density Polyethylene (HDPE) lined ponds with all wastewater disposal via evaporation. The treatment method will incorporate a single stage waste stabilisation system incorporating two separate HDPE lined anaerobic ponds (503 cubic metre capacity each); one for the truck wash waters, the other for controlled waste carrier deposited wastes. Separation of the two waste streams will enable future reuse of low risk truck wash wastewater. A future facultative pond has been included into the design of the facility however; the Shire will only construct the facultative pond if odour at the facility becomes an issue. After passing through the anaerobic ponds, the wastewater will move to the HDPE lined evaporation pond (20,620 cubic metre capacity).

This Licence is the result of an amendment sought by the Licensee for the inclusion of the receipt of car and truck wash waters from external sources other than the truck wash water sump at the premises (Waste Code L100).

The licences and works approvals issued for the Premises since 11 January 2012 are:

Instrument log		
Instrument	Issued	Description
W5150/2012/1	11/01/2012	Approval for construction of liquid waste treatment facility
L8793/2013/1	4/04/2014	Licence issued in updated format
L8793/2013/1	6/10/2014	Licence amended to allow for temporary storage of SLFG effluent
L8793/2013/1	11/06/2015	Licence amended to cease temporary storage of SLFG effluent, designate another receivable point for accepting control waste and allow for sludge from the control waste truck to be deposited on the sludge drying bed instead of receipt tank prior to disposal in accordance with the Biosolids guidelines.
L8793/2013/1	14/01/2016	Licence amendment to include Septage Waste (Waste Code K210)
L8793/2013/1	29/06/2016	Licence amendment to allow receipt of vehicle wash down water (Waste Code L100) from external suppliers/ sources.

### 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;

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

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

**'AS/NZS 5667.11'** means the Australian Standard AS/NZS 5667.11 *Water Quality – Sampling – Guidance on sampling of groundwaters*;

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

**'Guidelines for Biosolids Management'** means the document Department of Environment and Conservation, 2012, *Western Australian Guidelines for biosolids management*, Government of Western Australia.

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

**'CEO'** for the purpose of correspondence means:

Chief Executive Officer  
Department Administering the *Environmental Protection Act 1986*  
Locked Bag 33  
CLOISTERS SQUARE WA 6850  
Email: [info@der.wa.gov.au](mailto:info@der.wa.gov.au);

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

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

**'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;

**'HDPE'** means high density polyethylene;



**'Leachate'** means liquid released by or water that has percolated through waste and which contains some of the waste constituents;

**'Licence'** means this Licence numbered L8793/2013/1 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;

**'process equipment'** means any wastewater or sludge containment infrastructure or wastewater treatment vessel;

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

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

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

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

**'Waste Code'** means the Waste Code assigned to a type of controlled waste for purposes of waste tracking and reporting as specified in the Department of Environment Regulation "Controlled Waste Category List" (July 2014), as amended from time to time; and

**'wastewater treatment vessel'** means any vessel or tank containment infrastructure associated with the treatment of wastewater and includes, but not limited to, anaerobic ponds and evaporation ponds.

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 current version of the guideline or code of practice in force from time to time and shall include any amendments or replacements to that guidelines or code of practice made during the term of this Licence.

## **1.2 General conditions**

1.2.1 The Licensee shall immediately recover, or remove and dispose of any spills of waste as defined within condition 1.3.2, outside an engineered containment system.



### 1.3 Premises operation

1.3.1 The Licensee shall record and investigate the exceedance of any descriptive or numerical limit in this section.

1.3.2 The Licensee shall only allow waste to be accepted on to the Premises if:

- (a) it is of a type listed in Table 1.3.1;
- (b) the quantity accepted is below any limit listed in Table 1.3.1; and
- (c) it meets any specification listed in Table 1.3.1.

Table 1.3.1: Waste acceptance			
Waste	Waste Code	Specification <sup>1</sup>	Quantity Limit
Putrescible and Organic wastes		Brought to the premises by a controlled waste carrier and discharged in the waste receipt tank or the on-site truck wash water sump as depicted in schedule 1.	15,500 tonnes per annual period (cumulative)
Animal effluent and residues from sources other than SLFG.	K100		
Waste from grease traps	K110		
Sewage waste from reticulated sewerage system	K130		
Food and beverage processing wastes	K200		
Septage waste	K210		
Soils and Sludge		Sludge from the control waste truck, deposited on the sludge drying bed prior to disposal in accordance with the Guidelines for Biosolids Management.	
Fire debris and wash water	N140		
Industrial waste treatment plant residue	N205		
Industrial Wash Water		Water is accepted through the on-site truck wash water sump or brought to the premises by controlled waste carrier and discharged into the waste receipt tank (as depicted in Schedule 1: Maps).	
Wash waters from vehicle wash down at the facility truck wash sump (as depicted in Schedule 1) and vehicle wash water received from outside the premises	L100		
Industrial wash water contaminated with a controlled waste (includes stormwater collected from industrial facilities)	L150	Brought to the premises by a controlled waste carrier and discharged in the waste receipt tank or the on-site truck wash water sump as depicted in schedule 1.	

Note 1: Additional requirements for the acceptance of controlled waste are set out in the *Environmental Protection (Controlled Waste) Regulations 2004*.





- 1.3.3 The Licensee shall ensure that the wastes accepted onto the Premises are only subjected to the process (es) set out in Table 1.3.2 and in accordance with any process requirements described in that table.

Table 1.3.2: Waste processing			
Waste type	Waste Code	Process requirements	Process requirements
Vehicle wash waters	L100	Physical and biological treatment	Primary treatment (Anaerobic ponds): 1. Water depth to sludge shall be greater than 0.4 m or equivalent and sludge depth on ponds to be less than 1.5 m or equivalent; 2. Ensure the ponds are bubbling to ensure the anaerobic process is working.  Secondary treatment (Evaporation pond): 3. Sludge depth on ponds to be less than 1 m or equivalent.  Sludge from the control waste truck, deposited on the sludge drying bed prior to disposal in accordance with the Guidelines for Biosolids Management.  No more than 200 m <sup>3</sup> of sludge, at any one time, to be held within the sludge drying bed.
Animal effluent and residues from sources other than SLFG.	K100		
Waste from grease traps	K110		
Sewage waste from reticulated sewerage system	K130		
Food and beverage processing wastes	K200		
Septage waste	K210		
Industrial wash water contaminated with a controlled waste (includes stormwater collected from industrial facilities)	L150		
Fire debris and wash water	N140	Biological treatment	
Industrial waste treatment plant residue	N205		

- 1.3.4 The Licensee shall ensure that waste material is only stored and/or treated within vessels or compounds provided with the infrastructure detailed in Table 1.3.3.

Table 1.3.3: Containment infrastructure		
Vessel or compound	Material	Requirements
Truck wash sump	Liquid waste	Concrete lined - liquid waste flows into the anaerobic ponds.
Waste receipt tank	Liquid waste	Concrete lined - liquid waste flows into the anaerobic ponds.
Pond 1 (Anaerobic Pond)	Wastewater	HDPE lined to achieve a permeability of $\leq 10^{-9}$ m/s or equivalent.
Pond 2 (Evaporation pond)	Treated wastewater	HDPE lined to achieve a permeability of $\leq 10^{-9}$ m/s or equivalent.





Sewage sludge drying bed/ compound	Sewage sludge	Temporary or permanent infrastructure to consist of a bunded hardstand or lined area (lined to achieve a permeability of $\leq 10^{-9}$ m/s or equivalent), capable of preventing surface run-off of leachate and sludge and which includes a leachate collection system
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- 1.3.5 The Licensee shall manage the evaporation pond and anaerobic ponds such that:
- overtopping of the ponds does not occur;
  - a minimum top of embankment freeboard of:
    - 500 mm is maintained for the evaporation pond; and
    - 300 mm is maintained for anaerobic ponds.
  - the integrity of the containment infrastructure is maintained; and
  - vegetation does not grow on the inner pond embankments.
- 1.3.6 The Licensee shall ensure the following monitoring equipment is maintained:
- freeboard markers on or in the evaporation pond and anaerobic ponds as depicted in Schedule 1;
  - all flow monitoring equipment at the truck wash; and
  - monitoring bores that allow representative water samples to be collected at the bore locations designated MB1, MB2 and MB3, as depicted in Schedule 1.
- 1.3.7 The Licensee shall ensure:
- where sewage sludge is temporarily stored on-site, all sludge is stored within the sludge drying bed, as depicted in Schedule 1;
  - all sludge leachate from the sludge drying bed returns to the treatment ponds; and
  - sludge and biosolids are disposed of in accordance with the Western Australian Guideline for Biosolids Management.
- 1.3.8 The Licensee shall ensure that no waste (as defined in Table 1.3.1) or water from the evaporation pond or anaerobic ponds depicted in Schedule 1 is discharged to the environment.



## 2 Monitoring

### 2.1 General monitoring

2.1.1 The licensee shall ensure that:

- (a) all water samples are collected and preserved in accordance with AS/NZS 5667.1;
- (b) all groundwater sampling is conducted in accordance with AS/NZS 5667.11; and
- (c) all laboratory samples are submitted to a laboratory with current NATA accreditation for the parameters to be measured unless indicated otherwise in relevant table.

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

### 2.2 Monitoring of inputs and outputs

2.2.1 The Licensee shall undertake the monitoring in Table 2.2.1 according to the specifications in that table.

**Table 2.2.1: Monitoring of inputs and outputs**

Input/ Output	Parameter	Units	Averaging period	Frequency
Controlled wastes received: <ul style="list-style-type: none"><li>• Animal effluent and residues</li><li>• Septage wastes – domestic wastes from apparatus for the treatment of sewage</li><li>• Waste from grease traps</li><li>• Vegetable and food processing wastes</li><li>• Sewage from the reticulated sewerage system</li><li>• Industrial wash water contaminated with a controlled waste (includes stormwater collected from industrial facilities)</li><li>• Fire debris or fire wash waters</li></ul>	Volume	m <sup>3</sup> / day; tonnes	Monthly	Each batch arriving at premises (controlled waste tracking form)
Water used in the truck wash facility as depicted in Schedule 1 and/ or wash waters (L100) received from offsite.	Volume	m <sup>3</sup> / day; tonnes	Monthly	Continuous



## 2.3 Ambient environmental quality monitoring

2.3.1 The Licensee shall undertake the monitoring in Table 2.3.1 according to the specifications in that table and record and investigate results.

**Table 2.3.1: Monitoring of ambient groundwater quality**

Monitoring point reference and location	Parameter	Units	Averaging period	Frequency
MTLWF1, MTLWF2 and MTLWF3 as referenced in Schedule 1	Ammonium-nitrogen	mg/ L	Spot sample	Quarterly
	pH <sup>1</sup>	pH units		
	Standing water level <sup>1</sup>	m(AHD)		
	Total dissolved solids	mg/ L		
	Total nitrogen	mg/ L		
	Total phosphorus	mg/ L		

Note 1: In-field non-NATA accredited analysis permitted.

## 3 Information

### 3.1 Records

3.1.1 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 3.1.1(d) be retained for at least six 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.

3.1.2 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.

3.1.3 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.

3.1.4 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.



## 3.2 Reporting

3.2.1 The Licensee shall submit to the CEO an Annual Environmental Report within 60 calendar days after the end of the annual period. The report shall contain the information listed in Table 3.2.1 in the format or form specified in that table.

Table 3.2.1: Annual Environmental Report		
Condition or table (if relevant)	Parameter	Format or form <sup>1</sup>
-	Summary of any failure or malfunction of any pollution control equipment and any environmental incidents that have occurred during the annual period and any action taken	None specified
2.2.1	Monitoring of inputs during the annual period	None specified
2.3.1	Monitoring of ambient ground water quality (Ammonium-Nitrogen; pH; Standing Water Level; Total Dissolved Solids; Total Nitrogen; and Total Phosphorus) for the annual period.	None specified
3.1.3	Compliance for the annual period	Annual Audit Compliance Report (AACR)
3.1.4	Complaints summary for the annual period	None specified

Note 1: Forms are in Schedule 2

3.2.2 The Licensee shall ensure that the Annual Environmental Report also contains:

- (a) any relevant process, production or operational data recorded under condition 3.2.1;
- (b) an assessment of the information contained within the report against previous monitoring results and Licence limits and/or targets; and
- (c) a list of any original monitoring reports submitted to the Licensee from third parties for the annual period and make these reports available on request.

## 3.3 Notification

3.3.1 The Licensee shall ensure that the parameters listed in Table 3.3.1 are notified to the CEO at the contact address and in accordance with the notification requirements of the table.

Table 3.3.1: Notification requirements			
Condition or table (if relevant)	Parameter	Notification requirement <sup>1</sup>	Format or form <sup>2</sup>
-	Removal of sludge from a treatment pond, wastewater treatment vessel or sludge storage area.	No less than 14 days in advance of works <sup>3</sup>	None specified
-	Any failure or malfunction of any pollution control equipment or any incident, which has caused, is causing or may cause pollution.	Part A: As soon as practicable but no later than 5pm of the next working day Part B: As soon as practicable	N1

Note 1: No notification requirement in the Licence shall negate the requirement to comply with s72 of the Act.

Note 2: Forms are in Schedule 2

Note 3: The following information shall be included: (i) when desludging is proposed to occur, (ii) the desludging method, (iii) action to mitigate potential odour impacts, and (iv) the method by which the community will be advised of the desludging activities.

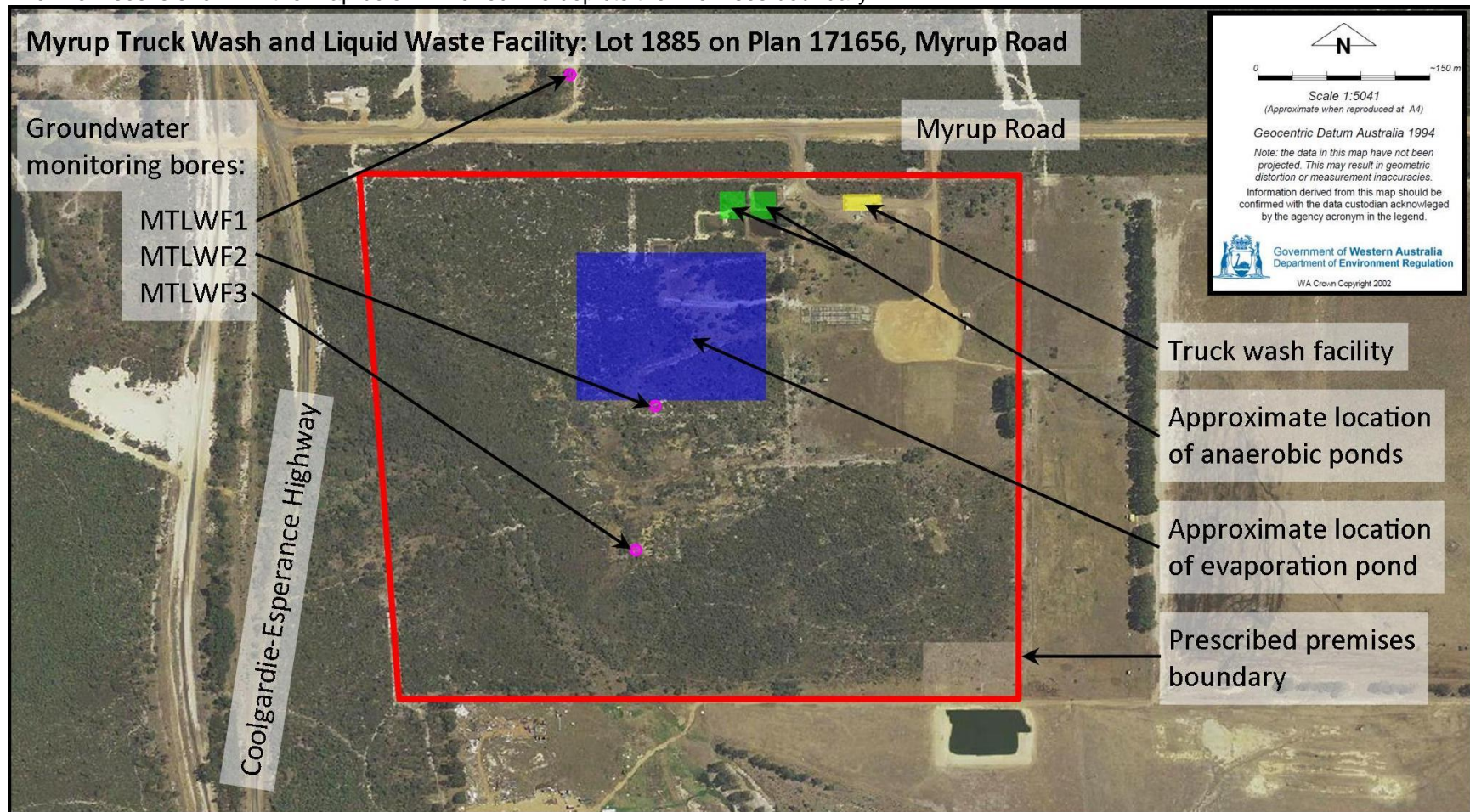




## Schedule 1: Maps

### Premises map

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

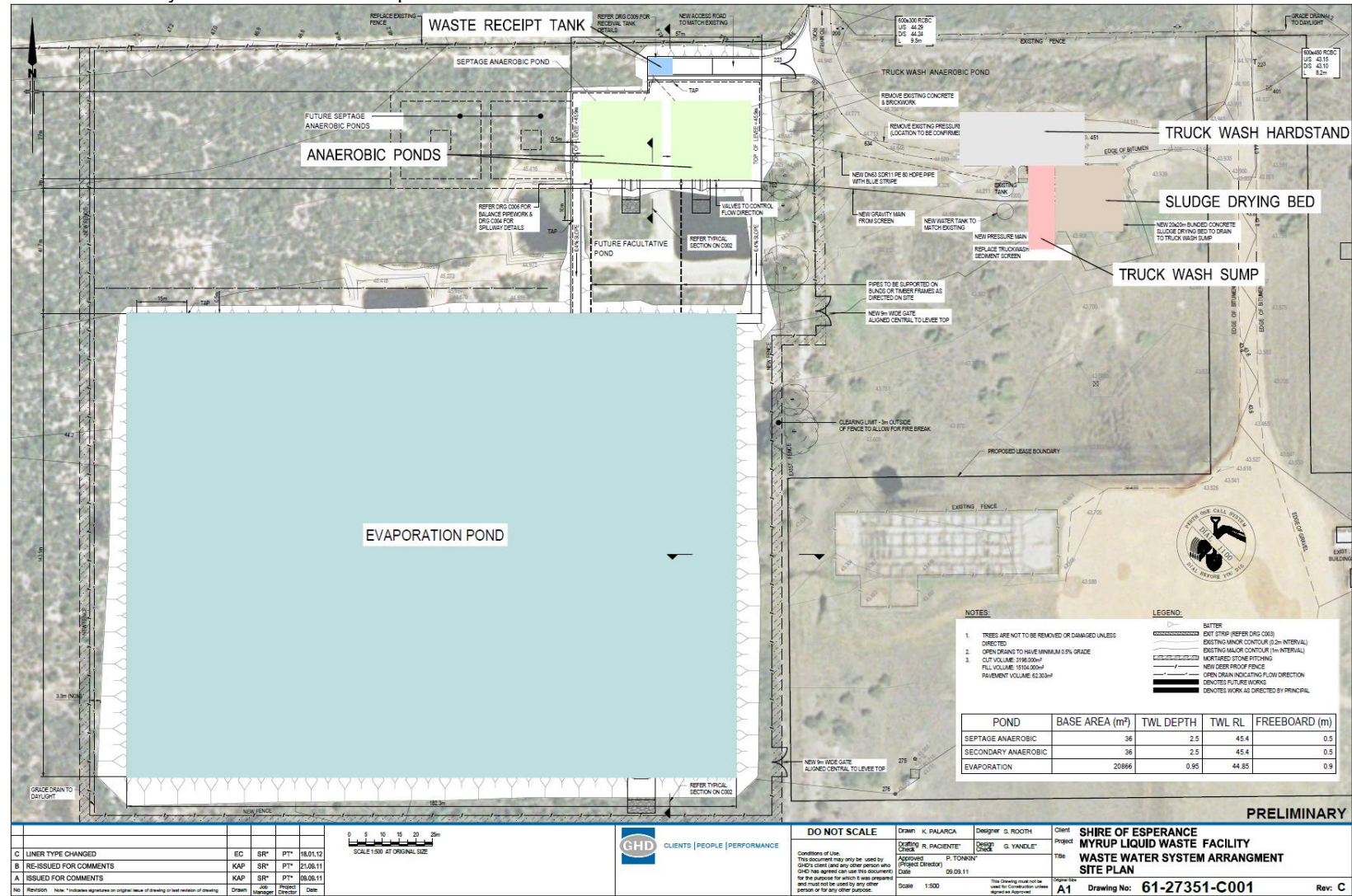






## Premises layout

The Premises layout is shown in the map below.





## Schedule 2: Reporting & notification forms

These forms are provided for the proponent to report monitoring and other data required by the Licence. They can be requested in an electronic format.

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### ANNUAL AUDIT COMPLIANCE REPORT PROFORMA

#### SECTION A

##### LICENCE DETAILS

Licence Number:	Licence File Number:
Company Name:	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 initialised 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 initialised by the person(s) who signs Section C of this AACR

Initial:



## SECTION C

### SIGNATURE AND CERTIFICATION

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

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

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

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

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

SIGNATURE: \_\_\_\_\_

NAME:  
(printed) \_\_\_\_\_

POSITION: \_\_\_\_\_

DATE: \_\_\_\_/\_\_\_\_/\_\_\_\_

SEAL (if signing under seal)

SIGNATURE: \_\_\_\_\_

NAME:  
(printed) \_\_\_\_\_

POSITION: \_\_\_\_\_

DATE: \_\_\_\_/\_\_\_\_/\_\_\_\_



Licence: L8793/2013/1  
Form: N1

Licensee: Shire of Esperance  
Date of breach:

**Notification of detection of the breach of a limit.**

These pages outline the information that the operator must provide.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

**Part A**

Licence Number	
Name of operator	
Location of Premises	
Time and date of the detection	

Notification requirements for the breach of a limit	
Emission point reference/ source	
Parameter(s)	
Limit	
Measured value	
Date and time of monitoring	
Measures taken, or intended to be taken, to stop the emission	



## Part B

Any more accurate information on the matters for notification under Part A.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident.	
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission.	
The dates of any previous N1 notifications for the Premises in the preceding 24 months.	

Name	
Post	
Signature on behalf of Shire of Esperance	
Date	



# Decision Document

## *Environmental Protection Act 1986, Part V*

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**Proponent:** Shire of Esperance

**Licence:** L8793/2013/1

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**Registered office:** Lot 12 on Plan 9302  
12 Windich Street  
ESPERANCE WA 6450

**Premises address:** Myrup Truck Wash and Liquid Waste Facility  
Lot 1885 on Plan 171656  
Myrup Road  
MYRUP WA 6450

**Grant date:** Thursday, 10 April 2014

**Commencement date:** Monday, 14 April 2014

**Expiry date:** Thursday, 13 April 2028

### Decision

Based on the assessment detailed in this document, a decision has been made to grant an amended licence. In reaching this decision, it is considered that all relevant considerations have been taken into account.

Decision Document prepared by:

Caroline Conway-Physick  
Licensing Officer

Decision Document authorised by:

Steve Checker  
Delegated Officer



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## 1 Purpose of the Decision Document

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



## 2 Administrative summary

Administrative Details		
Application Type	Works Approval <input type="checkbox"/> New Licence <input type="checkbox"/> Licence Amendment <input checked="" type="checkbox"/> Works Approval Amendment <input type="checkbox"/>	
Activities that cause the premises to become prescribed premises	Category Number(s)	Design Capacity
	61	15,500 tonnes per annual period
Application Verified	Date: N/A	
Application Fee Paid	Date: N/A	
Works Approval has been complied with Compliance Certificate received	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/> 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	Not applicable	
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 type="checkbox"/> No <input checked="" type="checkbox"/> If Yes include details of which EPP(s) here.		
Is the Premises subject to any EPP requirements? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If Yes, include details here, eg Site is subject to SO <sub>2</sub> requirements of Kwinana EPP.		





### 3 Executive summary of proposal

The Myrup Truck Wash and Liquid Waste Facility (the Facility) is located on Lot 1885 Myrup Road, Myrup, about 15km north of the Esperance town site. The truck wash has been operating at this site since 2002, servicing stock trucks. The surrounding land use is primarily agriculture and special rural smallholdings. The closest residence is about 1 km west of the facility, the Department of Agriculture and Food Western Australia has an office about 1 km southeast and the Shark Lake Abattoir is about 0.5 kilometres south. The Esperance speedway lies about 0.5 km north of the site.

The Facility has a maximum annual production and design treatment capacity of 15,500 tonnes. Throughput from controlled waste carriers in 2014 was 974 tonnes and truck wash flows range from 7,500 - 13,500 tonnes/ year. A bench-top assessment indicates the Facility will have a lifespan of about 17 years (2013 to 2030).

The Facility is located within the Shire of Esperance Town Planning Scheme Special Control Area No. 5 Wetlands of Significance, Lake Warden Recovery Catchment Special Control Area 5. The Lake Warden system is a listed RAMSAR wetland and wetland of national importance and consists of a series of saline coastal lakes located south of the Facility. Regional groundwater tends in a north-south hydraulic gradient; the depth to groundwater at the Facility is about 6.5 metres below ground level.

The Facility receives liquid waste from authorised Controlled Waste Carriers, and stock truck wash waters from the truck wash at the premises and from external vehicle wash down waters brought to the premises.

Liquid wastes are accepted via a 34 cubic metre capacity sealed concrete tank that gravity drains to the anaerobic ponds, prior to final disposal within the evaporation pond. The tank has a solids screen to capture large objects (and solids) and allow for easy cleaning. Screened (solid) material collected and transferred to the sludge drying beds is removed for final offsite disposal at an appropriate landfill facility.

The truck wash down water from the truck wash hardstand is directed to the on-site truck wash water sump. The solids/ sediments settle out within the sump for later removal to the sludge drying bed with the liquid fraction then pumped to the evaporation pond, approximately 100m from the truck wash hardstand. The sludge drying bed consists of a 20 x 20 meter impervious (concrete), bunded, hardstand which drains into the sump.

The liquid waste treatment system uses a series of High Density Polyethylene (HDPE) lined ponds with all wastewater disposal via evaporation. The treatment method will incorporate a single stage waste stabilisation system incorporating two separate HDPE lined anaerobic ponds (503 cubic metre capacity each); one for the truck wash waters, the other for controlled waste carrier deposited wastes. Separation of the two waste streams will enable future reuse of low risk truck wash wastewater. A future facultative pond has been included into the design of the facility however; the Shire will only construct the facultative pond if odour at the facility becomes an issue. After passing through the anaerobic ponds, the wastewater will move to the HDPE lined evaporation pond (20,620 cubic metre capacity).

The Shire of Esperance submitted a licence amendment application on 10 June for the inclusion of the receipt of car and truck wash waters (from external sources other than the truck wash water sump at the premises (Waste Code L100)). The premises licence currently allows the premises to receive Waste Code L100 via the truck wash facility at the premises. The administrative amendment is not expected to result any emissions to land, surface water or groundwater.

## 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			
Licence Section	Condition Number L= Licence	Justification (including risk description & decision methodology where relevant)	Reference Documents
Interpretation	-	<b>Operation</b> Conditions 1.1.1 – 1.1.4 require that terminology used within the Licence is referenced to the appropriate definitions where applicable, and that any reference to a standard or guideline is to the most current version of that standard or guideline.	
General conditions	L1.2.1	Administrative changes have been included within the Licence amendment process to update to latest version template and information provided, as well as the removal of redundant conditions from the Licence.	
Premises operation	L1.3.2 L1.3.3	<b>Operation</b> Conditions 1.3.2 and 1.3.3 have had an administrative changes undertaken to allow the L100 waste type currently listed within the Licence to be received from external sources and not only from car and truck wash water produced at the premises.  The premises is still required to ensure that the cumulative quantity of waste received/ processed at the premises does not exceed the total quantity limit of 15,500 tonnes per annual period under the Category 61 Licence.  As there are no discharges from Category 61 operations onsite, the amendment does not change any process requirement and does not result in any discharge to land, surface water or groundwater resources.	Application supporting documentation.  General provisions of the <i>Environmental Protection Act 1986</i> .



DECISION TABLE			
Licence Section	Condition Number L= Licence	Justification (including risk description & decision methodology where relevant)	Reference Documents
Monitoring of inputs and outputs	L2.2.1	<b>Operation</b> Condition 2.2.1, Table 2.2.1 'Monitoring of inputs and outputs' has had an administrative change requiring the monitoring of vehicle water received to the premises from external suppliers/ sources. The administrative change will not result in any emissions to land, surface water or groundwater resources.  No process or quantity changes are proposed through the amendment process.	



DECISION TABLE			
Licence Section	Condition Number L= Licence	Justification (including risk description & decision methodology where relevant)	Reference Documents
Odour	-	<p><b>Operation</b></p> <p><u>Emission Description</u> <i>Emission:</i> Odour from liquid waste deposited at the premises. <i>Impact:</i> Nuisance odour to sensitive receptors within the premises. <i>Controls:</i> The Shire have proposed the construction of a facultative pond system should odour become an issue from the premises operation. Effective management and control of liquid and solid waste segregation will assist in inhibiting odour generation at the premises.</p> <p><u>Risk Assessment</u> Consequence: Minor Likelihood: Rare Risk Rating: Low</p> <p><u>Regulatory Controls</u> Condition 2.7.1 has been removed from the Licence. The risk of emissions is considered low, with no sensitive receptors identified outside of the prescribed premises boundary, as identified through a desktop assessment completed. The closest residential receptor is approximately 1km west of the premises.</p> <p>The premises is located within an industrial area within a zoned 'Agriculture – General', adjoining 'special use' areas and adjacent to 'parks, recreation and conservation – local authority' areas (approximately 110m north of the premises).</p> <p>Current DER procedure is for management of low risk odour emissions to be carried out in accordance with Section 49 of the <i>Environmental Protection Act, 1986</i>.</p> <p><u>Residual Risk</u> Consequence: Minor Likelihood: Rare Risk Rating: Low</p>	



DECISION TABLE			
Licence Section	Condition Number L= Licence	Justification (including risk description & decision methodology where relevant)	Reference Documents
Information	L3	<b>Operation</b> Administrative changes have been undertaken within Section 5 – 'Information', which has been renumbered to Section 3 – 'Information'. All relevant tables have been renumbered to reflect the changes within each prior section.  Schedule 2, 'N1' form has been updated to latest version of the Licence template.	Application supporting documentation  General provisions of the <i>Environmental Protection Act 1986</i>
Licence Duration	N/A	The Licence duration has not been reassessed through this amendment process.  The Licence expires on 13 April 2028.	N/A

## 5 Advertisement and consultation table

Date	Event	Comments received/Notes	How comments were taken into consideration
27/06/2016	Proponent sent a copy of draft instrument	Signed waiver received from Scott McKenzie, Manager Commercial Enterprises, via email 28 June 2016. No comments or changes requested.	Not applicable.

## 6 Emissions and discharges risk assessment matrix

*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