



Government of Western Australia  
Department of Environment Regulation

Your ref: L8750/2013/01  
Our ref: 2013/2319  
Enquiries: Richard Wilson  
Phone: 9333 7545  
Fax: 9333 7550  
Email: richard.wilson@der.wa.gov.au

Mr Mark Dacheff  
Auscol Australia Pty Ltd  
115 Lakes Rd  
HAZELMERE WA 6055

Dear Mr Dacheff

**ENVIRONMENTAL PROTECTION ACT 1986: LICENCE GRANTED**

**Premises**

Fataway  
Lot 115 Lakes Rd, HAZELMERE

**Licence Number:** L8750/2013/1

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

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

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

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

If you have any queries regarding the above information, please contact Richard Wilson on 9333 7510.

Yours sincerely

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

15 August 2013

The Atrium, 168 St Georges Terrace, Perth WA 6000  
Phone (08) 6467 5000 Fax (08) 6467 5562  
Postal Address: Locked Bag 33, Cloisters Square, Perth WA 6850  
[www.der.wa.gov.au](http://www.der.wa.gov.au)

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# Licence

## *Environmental Protection Act 1986, Part V*

**Licensee:** Auscol Pty. Ltd.

**Licence:** L8750/2013/1

**Registered office:** Level 26  
175 Liverpool Street  
SYDNEY NSW 2000

**ACN:** 000 863 730

**Premises address:** Part Lot 115 Lakes Road  
HAZELMERE WA 6055  
Being Part Lot 115 on Plan 4553 as depicted in Schedule 1.

**Issue date:** Thursday 15 August 2013

**Commencement date:** Monday 19 August 2013

**Expiry date:** Saturday 18 August 2018

**Prescribed Premises Category**

Schedule 1 of the Environmental Protection Regulations 1987

Category number	Category description	Category production or design capacity	Premises production or design capacity
61	Liquid waste facility: premises on which liquid waste produced on other premises (other than sewerage waste) is stored, reprocessed, treated or irrigated.	100 tonnes or more per year	5000 tonnes

**Conditions of Licence**

Subject to the conditions of the licence set out in the attached pages.

.....  
*[Signature]*

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.

### Who we are

The Department of Environment Regulation (DER) is a Government Department in the portfolio of the Minister for the Environment. Our purpose is to protect and conserve the State's environment on behalf of the people of Western Australia.

### Our industry licensing role

DER has responsibilities under Part V of the *Environmental Protection Act 1986* (the Act) for the licensing of prescribed premises. We also monitor and audit compliance with works approvals and licence conditions, take enforcement action as appropriate and develop and implement 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 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. These 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 should comply with your licence. Non-compliance with your licence is an offence and strict penalties exist for those who do not comply. Additional guidance on pollution prevention can be found in the Department of Water's Water Quality Protection Guidelines and Codes of Practice accessed through:



<http://www.water.wa.gov.au/Managing+water/Water+quality/Water+quality+protection+guidelines/default.aspx>

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

#### Premises description and Licence summary

Auscol specialise in collection and recycling of used cooking oils and fats and have been operating for over 40 years. Auscol collect used cooking oils and fats from restaurants, food chains, takeaway outlets, shopping centres and food manufacturers. Auscol Pty Ltd recently purchased Fataway which was formally part of the Craig Mostyn Group.

The Fataway facility has been assessed as a "liquid waste facility" under category number 61 within Schedule 1 of the Environmental Protection Regulations 1987.

"Liquid waste facility: premises on which liquid waste produced on other premises (other than sewerage waste) is stored, reprocessed, treated or irrigated:"

The facility is leased by Auscol Pty Ltd and operates at the Talloman Rendering facility site. An audit of the licence in 2012 identified that the site should be licensed by the DER under category 61. Talloman requested their licence be amended to reflect this in 2012. Talloman have since requested that Auscol Pty Ltd have a separate licence for the Fataway facility.

The Fataway facility reprocesses used cooking oil from restaurants, take-away stores and commercial kitchens for use in commercial feed additive, fertilisers and for producing bio-diesel. The Fataway Facility has a maximum nominated throughput of 5,000 tonnes of liquid waste per year.

The environmental risks from the site are minimal and include odour and spills of waste food oils. As the process does not cook the food oils at high temperatures odours are minimal and not considered a high risk. The processing, transfer and storage areas are hardstand and bunded to ensure that spills of oils are contained. Liquid waste from the clean out of drums is collected by a controlled waste contractor.

The licences and works approvals issued for the Premises since 15/08/2013 are:

Instrument log		
Instrument	Issued	Description
Instrument number and version	Date of issue or amendment	Reason for issue of instrument e.g. ministers decision must be recorded
L8750/2013/1	15/08/2013	New application



### 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:

“the Act” means the *Environmental Protection Act 1986*;

“annual” means the inclusive period from 19 August until 18 August in the following year;

“Code of Practice for the Storage and handling of dangerous goods” means the Storage and handling of dangerous goods, Code of Practice, Department of Mines and Petroleum, Government of Western Australia;

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

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

“Director” for the purpose of correspondence means;

Regional Leader, Industry Regulation, Swan Region  
Department of Environment Regulation  
Locked Bag 33  
CLOISTERS SQUARE WA 6850  
Telephone: (08) 9333 7510  
Facsimile: (08) 9333 7550

“environmentally hazardous material” means material (either solid or liquid raw materials, materials in the process of manufacture, manufactured products, products used in the manufacturing process, by-products and waste) which if discharged into the environment from or within the premises may cause pollution or environmental harm. Note: Environmentally hazardous materials include dangerous goods where they are stored in quantities below placard quantities. The storage of dangerous goods above placard quantities is regulated by the Department of Mines and Petroleum;

“Licence” means this Licence numbered L8750/2013/1 and issued under the *Environmental Protection Act 1986*;

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

“placard quantity” has the meaning defined in the Dangerous Goods Safety (Storage and Handling of Non-explosives) Regulations 2007;

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

“waste” has the meaning defined in the *Environmental Protection Act 1986*;



1.1.3 Any reference to an Australian or other standard in the Licence means the relevant parts of the current version of that standard.

**1.2 General conditions**

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

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

1.2.2 The Licensee shall maintain all pollution control and monitoring equipment to the manufacturer's specification or any internal management system.

1.2.3 The Licensee, except where storage is prescribed in section 1.3, shall only store substances that are classed as dangerous goods below placard quantities or environmentally hazardous materials not classified as dangerous goods if they are stored in accordance with the Code of Practice for the Storage and handling of dangerous goods.

1.2.4 The Licensee shall immediately recover, or remove and dispose of spills of environmentally hazardous materials outside an engineered containment system.

**Stormwater control**

1.2.5 The Licensee shall:

- (a) implement all practical measures to prevent stormwater run-off becoming contaminated by the activities on the Premises; and
- (b) treat contaminated or potentially contaminated stormwater as necessary prior to being discharged from the Premises.<sup>1</sup>

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

**1.3 Premises operation**

1.3.1 The Licensee shall only accept waste on to the Premises if:

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

<b>Table 1.3.1: Liquid waste acceptance</b>		
<b>Waste type</b>	<b>Quantity limit tonnes/ year</b>	<b>Specification</b>
Grease wastes – wastes resulting from food preparation processes	5,000	NA
Vegetable oils and derivatives		

1.3.2 The Licensee shall ensure that where waste does not comply with condition 1.3.1 it is removed from the Premises by the delivery vehicle or, where that is not possible, stored in a segregated storage area or container and removed to an appropriately authorised facility as soon as practicable.

1.3.3 The Licensee shall ensure that wastes accepted onto the Premises are only subjected to the processes set out in Table 1.3.2 and in accordance with any process limits described in that Table.





<b>Waste type</b>	<b>Processes</b>	<b>Process limits</b>
Grease wastes – wastes resulting from food preparation processes	Receipt, handling, storage. Treatment consisting only of melting and screening.	No more than 40 tonnes to be treated per day.
Vegetable oils and derivatives	Storage of treated materials	

## **2 Emissions**

### **2.1 General**

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

## **3 Monitoring**

### **3.1 General monitoring**

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

## **4 Improvements**

### **4.1 Improvement programme**

There are no specified improvement conditions in this section.



## 5 Information

### 5.1 Records

- 5.1.1 All information and records required by the Licence shall:
- (a) be legible;
  - (b) if amended, be amended in such a way that the original and subsequent amendments remain legible or are capable of retrieval;
  - (c) except for records listed in 5.1.1(d) be retained for at least 6 years from the date the records were made or until the expiry of the Licence or any subsequent licence; and
  - (d) for those following records, be retained until the expiry of the Licence and any subsequent licence:
    - (i) off-site environmental effects; or
    - (ii) matters which affect the condition of the land or groundwater.
- 5.1.2 The Licensee shall ensure that:
- (a) any person left in charge of the Premises is aware of the conditions of the Licence and has access at all times to the Licence or copies thereof; and
  - (b) any person who performs tasks on the Premises is informed of all of the conditions of the Licence that relate to the tasks which that person is performing.
- 5.1.3 The Licensee shall complete an Annual Audit Compliance Report indicating the extent to which the Licensee has complied with the conditions of the Licence, and any previous licence issued under Part V of the Act for the Premises for the previous year.
- 5.1.4 The Licensee shall implement a complaints management system that as a minimum records the number and details of complaints received concerning the environmental impact of the activities undertaken at the Premises and any action taken in response to the complaint.

### 5.2 Reporting

- 5.2.1 The Licensee shall submit to the Director at the Contact Address an annual environmental report within 28 calendar days after of the end of the annual period. The report shall contain the information listed in Table 5.2.1 in the format or form specified in that table.

Table 5.2.1: Annual environmental report		
Condition or table (if relevant)	Parameter	Format or form <sup>1</sup>
-	Summary of any failure or malfunction of any pollution control equipment or any incidents that have occurred during the year and any action taken	None specified
5.1.3	Compliance	AACR
5.1.4	Complaints summary	None specified

Note 1: Forms are in Schedule 2

### 5.3 Notification

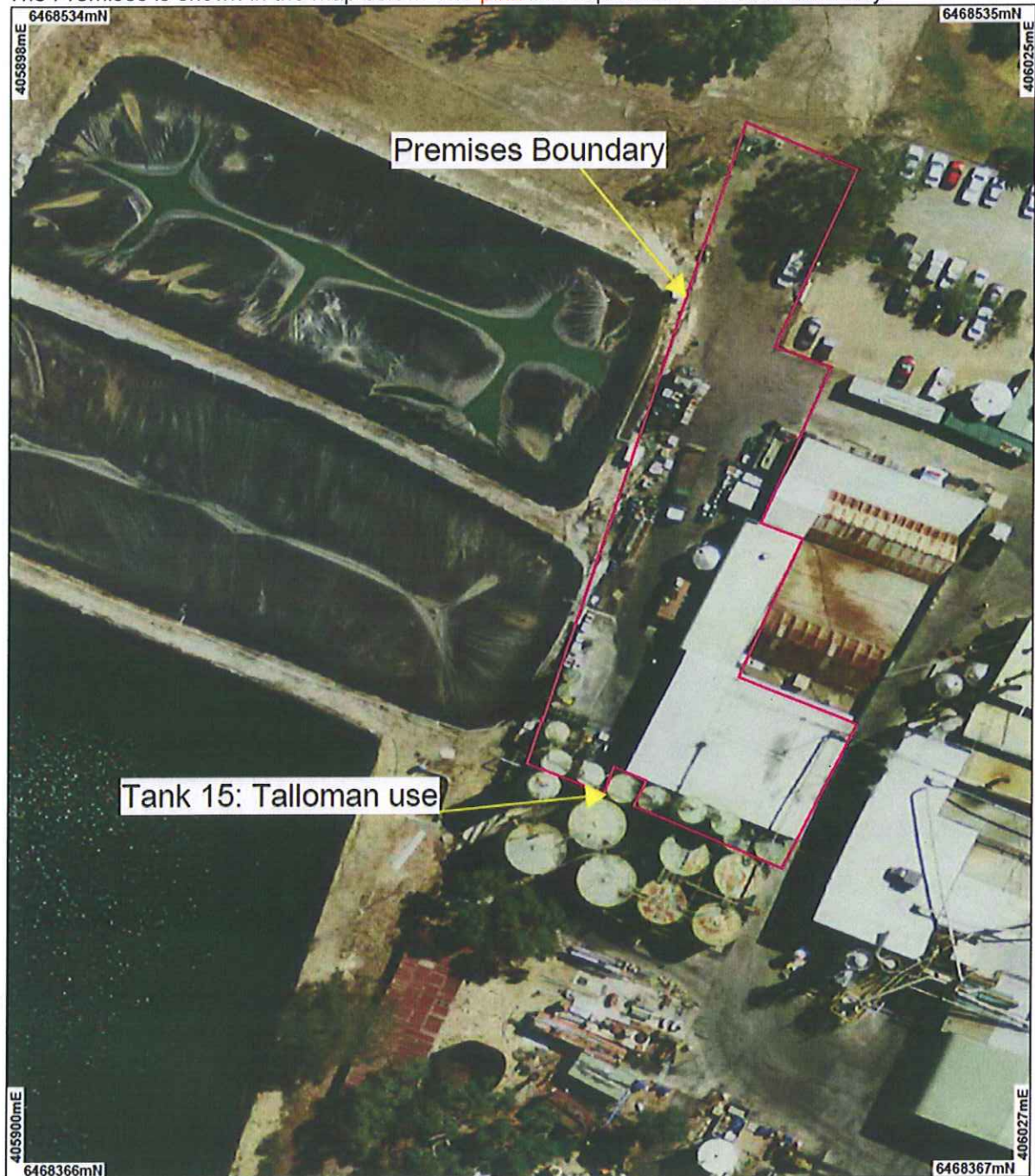
There are no specific notification requirements in this section.



## Schedule 1: Maps

### Premises map

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





## Schedule 2: Reporting & notification forms

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

Copies of the original monitoring reports must also be submitted.

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Licence: L8750/2013/1 Licensee: Auscol Pty Ltd  
Form: AACR Period :  
Name: Annual audit compliance report

### Annual audit compliance report

#### Section A: Statement of compliance with Licence conditions

Were all conditions of licence complied with within the reporting period?	
Yes	<input type="checkbox"/> Initial Sections A & B, then proceed to Section C
No	<input type="checkbox"/> Initial Section A, then 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**

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

Please use a separate page for each Licence condition that was not complied with. Each page must be initialled by the person(s) who signs Section C of this AACR

Initial:

### Section C: Signature and certification

This AACR may only be signed by a person(s) with legal authority to sign it as defined 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 AACR must be signed and certified:
an individual	<input type="checkbox"/> by the individual Licence holder, or <input type="checkbox"/> by a person approved in writing by the Chief Executive Officer (CEO) of DER to sign on the Licensee's behalf.
a corporation	<input type="checkbox"/> by affixing the common seal of the Licensee in accordance with the Corporations Act 2001; or <input type="checkbox"/> by two directors of the Licensee; or <input type="checkbox"/> by a director and a company secretary of the Licensee, or <input type="checkbox"/> 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"/> by the principal executive officer of the Licensee; or <input type="checkbox"/> by a person with authority to sign on the Licensee's behalf who is approved in writing by the CEO of DER.
A public authority (other than a local government)	<input type="checkbox"/> by the principal executive officer of the Licensee; or <input type="checkbox"/> by a person with authority to sign on the Licensee's behalf who is approved in writing by the CEO of DER.
a local government	<input type="checkbox"/> by the CEO of the Licensee; or <input type="checkbox"/> 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 AACR 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)



LICENCE NUMBER: L8750/2013/1  
LICENCE FILE: 2013/002319/1  
APPLICATION DATE: 19/4/2013  
EXPIRY DATE: 18/08/2018

**PREMISES DETAILS**

**LICENCE HOLDER**

Auscol Pty Ltd trading as Fataway  
Level 26, 175 Liverpool Street  
SYDNEY, NSW 2000  
ACN: 000 863 730

**PREMISES**

Fataway  
Part lot 115 on Plan 4553, Lakes Road  
HAZELMERE, WA, 6055

**PRESCRIBED PREMISES CATEGORY**

**Table 1: Prescribed premises summary**

Category number*	Category Description*	Category Production or Design Capacity*	Premises Production or Design Capacity#	Premises Fee Component**
61	Liquid waste facility: premises on which liquid waste produced on other premises (other than sewerage waste) is stored, reprocessed, treated or irrigated.	100 tonnes or more per year	5000 tonnes per year	More than 100 but not more than 10, 000 tonnes

\* From Schedule 1 of the Environmental Protection Regulations 1987

# From application

\*\* From Schedule 4 of the Environmental Protection Regulations 1987

This Environmental Assessment Report (EAR) has been drafted for the purposes of detailing information on the management and mitigation of emissions and discharges from the prescribed premises. The objective of the EAR is to provide a risk assessment of emissions and discharges, and information on the management of other activities occurring onsite which are not related to the control of emissions and discharges from the prescribed premises activity. This does not restrict the Department of Environment Regulation (DER) to assessing only those emissions and discharges generated from the activities that cause the premises to become prescribed premises.

**Basis of Assessment**

The Fataway facility (attachment 2), has been assessed as a "liquid waste facility" under category number 61 within Schedule 1 of the Environmental Protection Regulations 1987.

"Liquid waste facility: premises on which liquid waste produced on other premises (other than sewerage waste) is stored, reprocessed, treated or irrigated:"



The facility is leased by Auscol Pty Ltd and operates at the Talloman Rendering facility site. An audit of the Talloman licence in 2012 identified that the Fataway facility should be licensed by the DER under category 61: Liquid waste Facility. Talloman requested their licence be amended to reflect this. The Fataway facility reprocesses used cooking oil from restaurants, take-away stores and commercial kitchens for use in commercial feed additive, fertilisers and for producing bio-diesel. The Fataway facility has a maximum nominated throughput of 5,000 tonnes of liquid waste per year. In 2013 Talloman requested to have their licence amended to remove category 61 from their licence. This meant that Auscol needed to apply for their own licence to ensure they were not operating without a licence.

## **1.0 BACKGROUND**

### **1.1 GENERAL COMPANY DESCRIPTION**

Talloman previously operated the Fataway facility but it was recently leased to Auscol who bought and run the Fataway company. Auscol are a cooking oil and animal fat recycling company.

### **1.2 LOCATION OF PREMISES**

The premises is located on lot 115 on Plan 4553 Lakes Road, 3 km south of Midland, Perth. The premises is located on land zoned "Industrial Development" with surrounding "Rural Residential" zoned properties and newer "Residential" development areas approximately 800 m to the west and northwest. Perth Airport is located 4.5km to the south west.

### **1.3 PROCESS DESCRIPTION**

#### Fataway Facility

The Fataway process is separate from the rendering process and involves recycling used cooking oil and fat from restaurants, takeaway stores and commercial kitchens. It is collected by Fataway trucks and delivered to the Fataway facility. The oil is delivered in 200L drums or bulk in 1000 to 6000L tanks. Oil and fat is either pumped or melted out of the drums inside a fume hood. Steam is injected into the drums, to melt the oil and is also used once the containers are empty to clean the containers of the oily residue. The oil is then passed over a fine mesh shaker screen to remove any solid particles (crumbs etc.) from the oils and fats. They are then pumped to a product processing tank and heated to 90°C to enable the oil to separate from the water. Settled water and sludge are pumped to a sludge holding tank and disposed of offsite to Nutra Rich composting. At no stage are the Talloman wastewater treatment facilities used by the Fataway business. The reprocessed oil is then pumped to the processed product storage tank where it is held until sold. This process is summarised in diagram 1 below. All handling of oils and fats takes place on a hardstand bunded area which drains to a sludge sump within the premises.

Odour emissions from this process are not considered significant as the oil is cooking grade and is heating to no higher than 90°C. The fume hood is ventilated to the atmosphere and does not pass through a filter. The solids collected through the oil filtration process are fed into the rendering materials bins. Any spilt material feeds into a drainage collection system on the floor which is directed to a sump. The water based liquid wastes, sludge and any liquid captured by the sump are fed into storage tanks which are removed off site periodically by a controlled waste licensed contractor.


The Fataway process produces roughly 27,000L a week of wastewater; this includes wash down water and steam condensate. Wastewater is removed from the site by Sandgroper



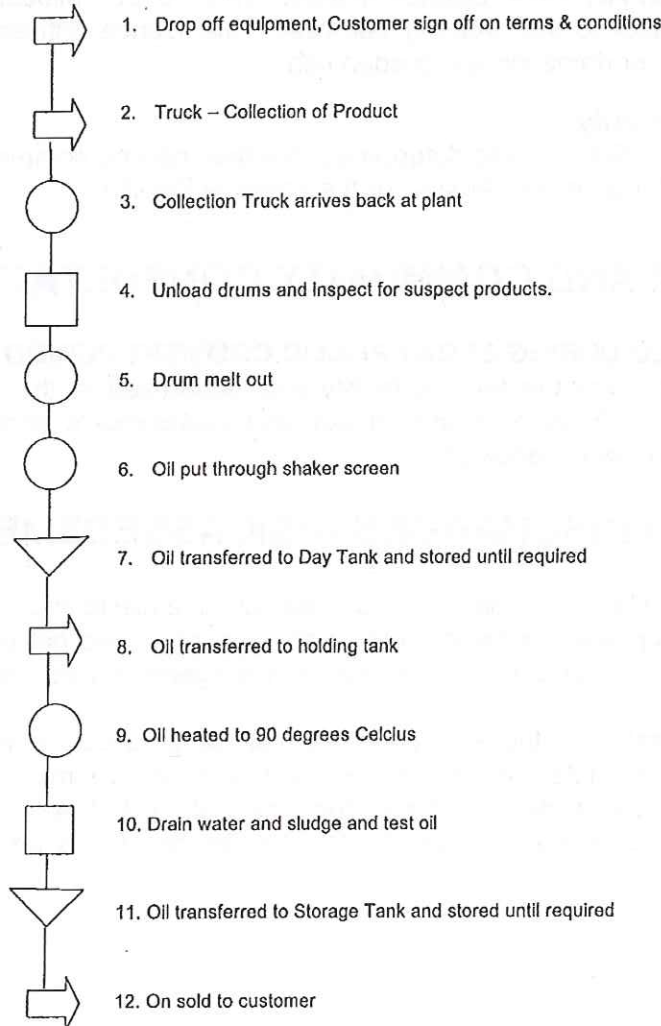


Septics (licensed liquid waste contactors (T00077)). All solid material from the screening process is put through the Talloman process.

**Diagram 1: Fataway Process**

		<b>FAT AWAY</b>		
		<u>HACCP INTRODUCTION</u>		
Issue: 01	Revision: 00	Revision Date: 21-Nov-2011	Page 5 of 7	Doc Code: HACCPIntro

**PROCESS FLOW CHART**



Verified by: \_\_\_\_\_ Date: \_\_\_\_\_



## **1.4 REGULATORY CONTEXT**

### **1.4.1 Part V *Environmental Protection Act 1986*, Environmental Management**

The Fataway facility accepts and treats liquid waste from restaurants and fast food venues. As the facility treats over 100 tonnes of liquid waste a year onsite a Category 61: liquid waste licence is required to operate the facility.

The Fataway facility was previously operated under the Talloman Licence L4297/1986/15. Talloman requested that category 61 be removed from their licence. This meant that Auscol would require a separate licence for the Fataway facility and that this premises would be excluded from the Talloman licence.

### **1.4.2 *Rights in Water Irrigation Act 1914***

The property owners (Derby Industries) hold a Groundwater Licence (GWL) under *the Rights in Water Irrigation Act 1914*. Licence number GWL 101500 allocates groundwater from the superficial aquifer to the property per year. This licence entitles abstraction for rendering purposes and for domestic and garden use.

### **1.4.3 Local Government Authority**

In liaising with the City of Swan it was determined that they had no comment to make with regards to the issuing of a licence to Auscol for the Fataway Facility.

## **2.0 STAKEHOLDER AND COMMUNITY CONSULTATION**

### **SUBMISSIONS RECEIVED DURING 21 DAY PUBLIC COMMENT PERIOD**

The Application for licence reissue for this facility was advertised in the West Australian newspaper on 24 June 2013 as a means of advising stakeholders and to seek public comments. No submissions were received.

## **3.0 EMISSIONS AND DISCHARGES RISK ASSESSMENT**

DER considers that conditions should focus on regulating emissions and discharges of significance. Where appropriate, emissions and discharges which are not significant should be managed and regulated by other legislative tools or management mechanisms.

The following section assesses the environmental risk of potential emissions from the Fataway facility. In order to determine the site's appropriate environmental regulation, an emissions and discharges risk assessment was conducted of the Fataway Facility using the environmental risk matrix outlined in Appendix B. The results of this are summarised in Table 2.



**Table 2: Risk assessment and regulatory response summary table.**

Risk factor	Significance of emissions	Socio-Political Context of Each Regulated Emission	Risk Assessment	DER Regulation (EP Act - Part V)	EAR Reference	Other management (legislation, tools, agencies)
Air emissions (point source)	<b>OPERATION</b> Level of significance of emissions- 1 The air extraction system in the melt-out shed is unfiltered and vents to the atmosphere. Only minor amounts of grease and odour are vented to the atmosphere due to the low temperature of the oil during the melt-out process.	No submissions received in relation to air emissions during operation and the predicted level of community interest or concern is low.	E = No regulation, other management mechanisms.	LIC – No conditions	N/A	UD Regulations, Code of Practice and general provisions of the <i>Environmental Protection Act 1986</i>
Dust emissions	<b>OPERATION</b> Level of significance of emissions- N/A No dust emissions will be generated from the Fataway business.	No Submissions in relations to dust emissions	E= No regulation, other management mechanisms	LIC – No Conditions	N/A	UD Regulations, Code of Practice and general provisions of the <i>Environmental Protection Act 1986</i>
Odour emissions	<b>OPERATION</b> Level of significance of emissions- 1. Odours from processes at the Fataway facility are not significant as the raw product is sourced from waste cooking oil and it is processed within a shed under a fume hood or within sealed vessels and tanks.	The level of community concern in relation to operating air emissions is low with the nearest sensitive receptors approximately 800m from the site and only low strength non-offensive odours emissions from the site.	E= No regulation, other management mechanisms	LIC – No Conditions	N/A	General provisions of the <i>Environmental Protection Act 1986</i>
Noise emissions	<b>OPERATION</b> Level of significance of emissions- N/A. Limited to noise from vehicle movement.	No Submissions have been made in relation to noise emissions	E= No regulation, other management mechanisms	LIC- No Conditions	N/A	<i>Environmental Protection (Noise) Regulations 1997</i>



# ENVIRONMENTAL ASSESSMENT REPORT

Light emissions	OPERATION Level of significance of emissions-N/A. The premises only operates during daylight hours.	No Submissions have been made in relation to noise emissions  The nearest sensitive receptors are approximately 800m away.	E= No regulation, other management mechanisms	LIC- No Conditions	N/A	General provisions of the Environmental Protection Act 1986
Discharges to water	<b>OPERATION</b> Level of significance of emissions- N/A. There are no discharges to water.	No Submissions have been made in relation to discharges to water.	E= No regulation, other management mechanisms	LIC- No Conditions	N/A	Environmental Protection (Unauthorised Discharges) Regulations 2004
Discharges to land	<b>OPERATION</b> Level of significance of emissions- N/A. There are no discharges to water.	No Submissions have been made in relation to land discharges.	E= No regulation, other management mechanisms.	LIC- No Conditions	N/A	Environmental Protection (Unauthorised Discharges) Regulations 2004
Solid / liquid wastes	<b>OPERATION</b> - Level of significance of emissions- 3. Liquid waste produced during the process is removed off site by Sandgroper Septics. This waste is oily water from residues of cooking oil and fats and is collected in a sump inside the process shed.	No Submissions have been made in relation to liquid waste.	E= licence conditions to ensure adequate storage of liquid wastes to prevent further off site contamination.	LIC - Conditions; waste acceptance criteria; and liquid waste management conditions.	N/A	Controlled Waste Regs.
Hydrocarbon/chemical storage	<b>OPERATION</b> - Level of significance of emissions-1. All oils and fats are stored within tanks that are within a hardstand and bunded area.	No Submissions have been made in relation to hydrocarbon and chemical storage.	E= No regulation, other management mechanisms	LIC - Standard chemical/hydrocarbon storage conditions to be included.	N/A	Dangerous Goods storage licence and relevant legislation (DOCEP), Code of Practice for the Storage and handling of dangerous goods.
Native vegetation clearing	<b>OPERATION</b> - Not applicable	No Submissions have been made in relation to vegetation clearing.	Not applicable	LIC - No Conditions	N/A	General provisions of the Environmental Protection Act 1986
Contaminated site identification	Talloman site (including Fataway) has been referred and is awaiting classification	No Submissions have been made in relation to site contamination.	E= No regulation, other management mechanisms	LIC - No Conditions	N/A	Contaminated Sites Branch (DER), Tenement Conditions and Closure Plan (DOIR), EMS (Talloman)



## **4.0 GENERAL SUMMARY AND COMMENTS**

There have been no complaints in relation to emissions from the Fataway facility in the past. Emissions from the site and there are no planned changes to the premises that will alter any emission from the site. The licence amendment will ensure all prescribed activities occurring on the site are appropriately licensed. The requirement for additional conditions on the licence is in line with previous liquid waste facilities that deal with waste food grade oils and fats.

Talloman and Fataway both have tanks within the same bunded area on the site. Talloman has agreed to be responsible for the maintenance of the bund and will work with Fataway to ensure the bunding is compliant at all times. Attachment 1 below shows the premises boundary, tank 15 is used by Talloman and does not form part of the Fataway premises.

## **OFFICER PREPARING REPORT**

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Amended 10 July 2013

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## **APPENDIX A: EMISSIONS AND DISCHARGES OF SIGNIFICANCE**

### **1.1 ODOUR EMISSIONS**

As the oils and fats from the Fataway process are not heated to high temperatures and apart from the screening of the oil, all storage takes place in sealed tanks. The odour emissions from the Fataway facility are not significant as the odours are low strength and are not of an offensive nature.



## APPENDIX B: EMISSIONS AND DISCHARGES RISK ASSESSMENT MATRIX

**Table 3: Measures of Significance of Emissions**

Emissions as a percentage of the relevant emission or ambient standard		Worst Case Operating Conditions (95 <sup>th</sup> Percentile)			
		>100%	50 – 100%	20 – 50%	<20%*
Normal Operating Conditions (50 <sup>th</sup> Percentile)	>100%	5	N/A	N/A	N/A
	50 – 100%	4	3	N/A	N/A
	20 – 50%	4	3	2	N/A
	<20%*	3	3	2	1

\*For reliable technology, this figure could increase to 30%

**Table 4: Socio-Political Context of Each Regulated Emission**

		Relative proximity of the interested party with regards to the emission				
		Immediately Adjacent	Adjacent	Nearby	Distant	Isolated
Level of Community Interest or Concern*	5	High	High	Medium High	Medium	Low
	4	High	High	Medium High	Medium	Low
	3	Medium High	Medium High	Medium	Low	No
	2	Low	Low	Low	Low	No
	1	No	No	No	No	No

Note: These examples are not exclusive and professional judgement is needed to evaluate each specific case

\*This is determined by the DER using the DEC "Officer's Guide to Emissions and Discharges Risk Assessment" May 2006.

**Table 5: Emissions Risk Reduction Matrix**

		Significance of Emissions				
		5	4	3	2	1
Socio-Political Context	High	A	A	B	C	D
	Medium High	A	A	B	C	D
	Medium	A	B	B	D	E
	Low	A	B	C	D	E
	No	B	C	D	E	E

**PRIORITY MATRIX ACTION DESCRIPTORS**

A = Do not allow (fix)

B = licence condition (setting limits + EMPs - short timeframes)(setting targets optional)

C = licence condition (setting targets + EMPs - longer timeframes)

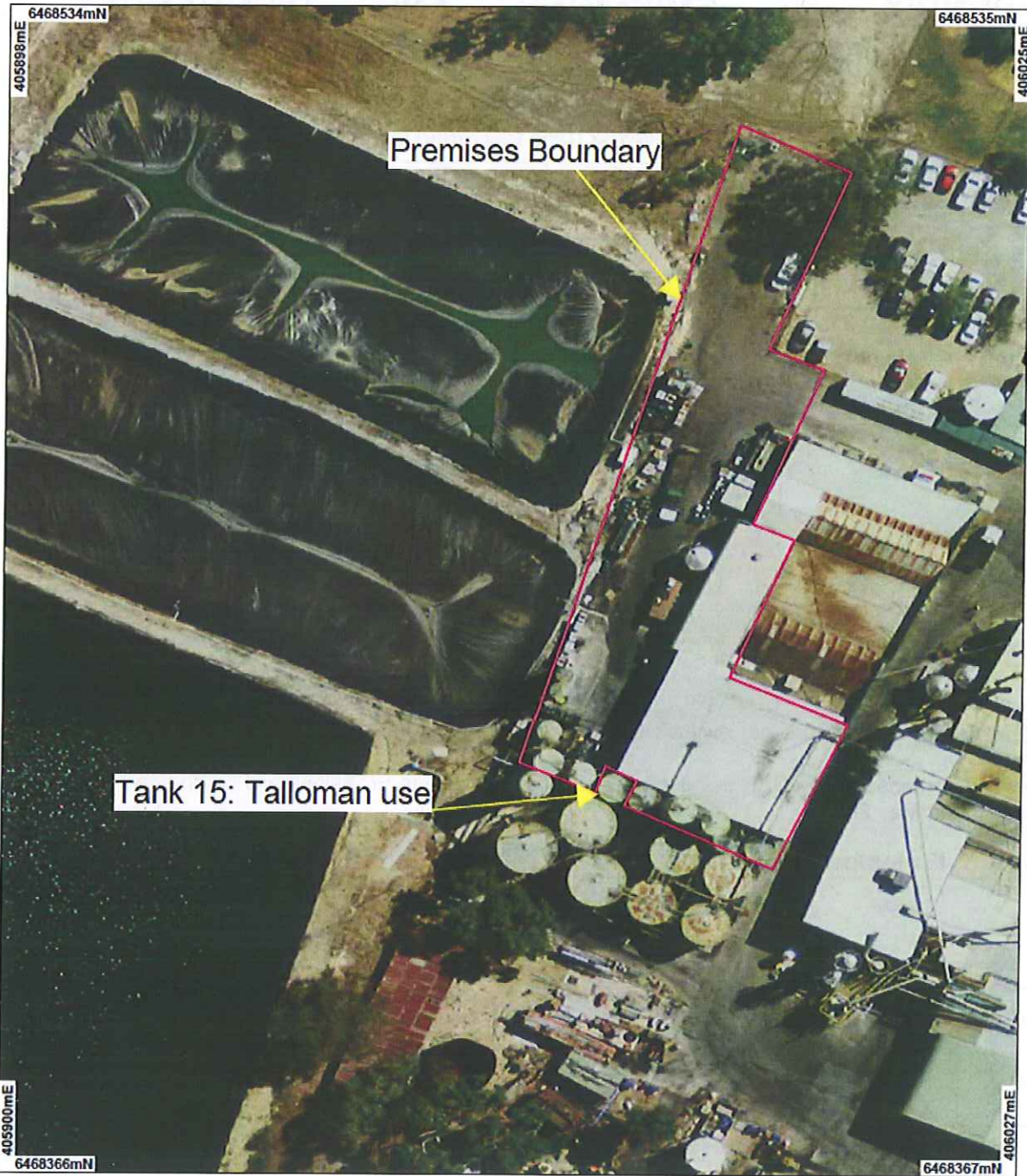
D= EIPs, other management mechanisms/licence conditions (monitoring/reporting)/other regulatory tools

E = No regulation, other management mechanisms

Note: The above matrix is taken from the DEC Officer's Guide to Emissions and Discharges Risk Assessment May 2006.



## ATTACHMENT 1: Location of Fataway Facility







ATTACHMENT 2: Fataway Facility Layout

