



Licence

Environmental Protection Act 1986, Part V

Licensee: Western Metropolitan Regional Council

Licence: L7303/1998/10

Registered office: Wearne House
40 Marine Parade
COTTESLOE WA 6011

Premises address: JFR (Jim) McGeough Resource Recovery Facility
60 Lemnos Street
SHENTON PARK WA 6010
Being Part of Lot 11541 on Plan 189946 as depicted in Schedule 1.

Issue date: Thursday, 10 October 2013

Commencement date: Saturday, 12 October 2013

Expiry date: Thursday, 11 October 2018

Prescribed premises category

Schedule 1 of the *Environmental Protection Regulations 1987*

Category number	Category description	Category production or design capacity	Approved premises production or design capacity
62	Solid waste depot – premises on which waste is stored or sorted pending final disposal or re-use	500 tonnes or more per year	125,400 tonnes per annual period

Conditions

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

Date signed: 8 October 2015

.....
Rebecca Kelly
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 within the licence relate to the prevention, reduction or control of emissions and discharges to the environment and to the monitoring and reporting of them.

Where other statutory instruments impose obligations on the Premises/Licensee the intention is not to replicate them in the Licence conditions. You should therefore ensure that you are aware of all your statutory obligations under the Act and any other statutory instrument. Legislation can be accessed through the State Law Publisher website using the following link: <http://www.slp.wa.gov.au/legislation/statutes.nsf/default.html>

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

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

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

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



Licence fees

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

Ministerial conditions

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

Premises description and Licence summary

The Western Metropolitan Regional Council (WMRC) is a regional local government entity working on behalf of five member Councils in Perth's western suburbs. They operate the JFR (Jim) McGeough Resource Recovery Facility (JFRRR) in Shenton Park which provides a waste transfer station for Councils, residents and commercial customers. The waste transfer station includes recycling services for cardboard, paper, scrap metal, batteries, printer cartridges, fluorescent lights, electronic waste, mobile phones and motor oil. The facility also provides a fee for service for the safe disposal of problematic wastes such as LPG gas bottles, asbestos and tyres.

WMRC developed a permanent Household Hazardous Waste (HHW) drop-off facility for residents at the JFRRR. Design of the facility was developed in consultation with, and approved by, the former Department of Environment and Conservation and the Department of Mines and Petroleum. The HHW storage facility was developed in line with the following documents:

- Guidelines for the design and operation of facilities for the acceptance and storage of household hazardous waste, Department of Environment and Conservation, 2009
- *Dangerous Goods Safety Act 2004 (WA)*, Department of Mines and Petroleum.

No community consultation directly relevant to the licence has been conducted. The WMRC holds bi-monthly Community Liaison Meetings to provide an open forum for information exchange and communication between the WMRC, residents and other stakeholders of the facility.

A second licensed premises (Category 61A & 67A facility managed by AnaeCo Limited, licence number L8242/2008/3) is also located within Lot 11541. DiCOM Facilities Pty Ltd (occupied by AnaeCo) lease a portion of the site from WMRC and operate in conjunction with the JFRRR in processing the organic component of municipal solid waste received at the site. Both licensed premises utilise one weighbridge located within the WMRC licensed premises. Waste destined for AnaeCo is sent directly to their premises for processing after passing through the weighbridge.

There have been no recorded emissions or discharges from the facility's solid waste management activities; however the potential for odour emissions has been identified at the tipping floor work area. These odours are primarily controlled by the storage of putrescibles in silos that are sealed and removed (when full) or at the end of daily operations.

Works approval W4999/2011/1 was issued on 22/09/2011 and included works for the reconfiguration of site roads, construction of a hardstand in the northern portion of the premises, installation of a walking floor system, and a compactor for waste. The works approval expired in September 2014 without the floor system and compactor having been completed. WMRC have decided to leave these works for a later date and will apply for a new works approval or licence amendment when ready to commence.

As waste is entering the JFRRR premises for weighing prior to being diverted to AnaeCo, it was recommended through previous correspondence between WMRC and DER that the occupier should apply for a licence amendment to ensure that the licence addresses the total volume of putrescible wastes accepted through the JFRRR.

To ensure that the volume of waste entering the JFRRR is included in the licence, the occupier has submitted a licence amendment request to increase the annual volume of putrescible waste throughput from 55,000 tonnes to 115,000 tonnes per year with approximately 60,000 tonnes being diverted directly to AnaeCo each year. No additional infrastructure is required for this amendment as no additional waste is being processed at



the premises (i.e. the additional 60,000 tonnes is brought into the WMRC premises for weighing purposes only). Given that the facility also receives 10,000 tonnes of green waste, 200 tonnes combined volume of special waste type 1 and hazardous waste and 200 tonnes of inert waste type and up to 100 tyres at the premises, the production capacity of the premises (page 1 of the licence) has been increased to 125,400 tonnes per year, to address the total volume for all waste types accepted at the premises.

The occupier also requested that a small volume of waste (up to 20 tonne) be permitted to remain onsite in sealed silos if received on weekends. The licence currently requires all waste to be removed offsite within 24 hours.

The amendment application has also requested that conditions for premises operations (storage of putrescible waste) are amended to reflect current site operations where waste is stored outside on an unbunded area with runoff directed to soak wells. This amendment request has not been approved. Condition 1.3.1 was included on the licence to prevent potentially contaminated stormwater or leachate from entering the environment. DER has revised the requirements of this condition and has amended it so that the condition now only requires putrescible waste to be stored and sorted within a bunded hardstand area, and removed the requirement for this area to be in an enclosed building. An improvement condition has been included on the licence to require the putrescible storage area to be upgraded with at least the construction of a bund so that it provides adequate containment of contaminated or potentially contaminated stormwater.

Additional minor amendments have also been undertaken to reflect the current licence format. Only conditions related to premises operation, improvements and information have been reassessed. All other emissions from the premises have not been reassessed as part of this amendment.

This draft licence was referred to the occupier on 7 May 2015 under the proposed amendment 21 day comment period. The occupier provided comment to DER on 5 August 2015. These comments have been discussed in the decision document and incorporated into the licence where appropriate.

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

Instrument log		
Instrument	Issued	Description
L7303/1998/8	13/10/2005	Licence re-issue
L7303/1998/9	02/10/2008	Licence re-issue
W4999/2011/1	22/09/2011	Works approval issued
W4999/2011/1	21/02/2013	Works approval amendment to works being undertaken
L7303/1998/10	10/10/2013	Licence re-issue including conversion to new format
L7303/1998/10	8/10/2015	Occupier initiated amendment to increase putrescible waste annual input.

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:

‘Acceptance Criteria’ has the meaning defined in Landfill Definitions;

‘ACM’ means asbestos containing material and has the meaning defined in the Guidelines for Assessment, Remediation and Management of Asbestos Contaminated Sites, Western Australia, (DOH, 2009);

‘Act’ means the *Environmental Protection Act 1986*;

‘annual period’ means the inclusive period from 1 October until 30 September in the following year;

‘asbestos’ means the asbestiform variety of mineral silicates belonging to the serpentine or amphibole groups of rock-forming minerals and includes actinolite, amosite, anthophyllite, chrysolite, crocidolite, tremolite and any mixture containing 2 or more of those;

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

‘Clean Fill’ has the meaning defined in Landfill Definitions;

‘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

‘construction and demolition waste’ has the meaning defined in Landfill Definitions;

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

‘DER Asbestos Guidelines’ means document titled “Guidelines for managing asbestos at construction and demolition waste recycling facilities”, published by the Department of Environment and Conservation, as amended from time to time.

‘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;

‘green waste’ means waste that originates from flora and which does not contain or has not been treated or coated with, preserving agents, biocides, fire retardants, paint, adhesives or binders;



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

'Hazardous waste' has the meaning defined in Landfill Definitions;

'Inert Waste Type 1' has the meaning defined in Landfill Definitions;

'Inert Waste Type 2' has the meaning defined in Landfill Definitions;

'Landfill Definitions' means the document titled "Landfill Waste Classification and Waste Definitions 1996" published by the Chief Executive Officer of the Department of Environment as amended from time to time.

'Licence' means this Licence numbered L7303/1998/10 and issued under the Act;

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

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

'Putrescible' has the meaning defined in Landfill Definitions;

'quarantined storage area or container' means a hardstand storage area or sealed-bottom container that is separate and isolated from authorised waste disposal areas and is capable of containing all non-conforming waste and its constituents, these areas must be clearly marked and their access restricted to authorised personnel;

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

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

'Special Waste Type 1' has the meaning defined in Landfill Definitions;

'usual working day' means 0800 – 1700 hours, Monday to Friday excluding public holidays in Western Australia;

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 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 General conditions

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

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



1.2.4 The Licensee shall:

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

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

1.3 Premises operation

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

- (a) it is of a type listed in Table 1.3.1; and
- (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.

Table 1.3.1: Waste acceptance

Waste type	Quantity limit	Specification ¹
Clean Fill	None specified	None Specified
Inert Waste Type 1	200 tonnes per year	Waste containing visible asbestos or ACM shall not be accepted.
Inert Waste Type 2	No more than 100 used tyres to be stored at the Premises at any one time	Tyres and plastic only
Putrescible waste (including green waste)	<ul style="list-style-type: none"> 115,000 tonnes per year of municipal solid waste; 10,000 tonnes per year of Green Waste 	<ul style="list-style-type: none"> A maximum 55,000 tonnes per year of putrescible waste is permitted for processing at the Premises. The remaining 60,000 tonnes per year is permitted to enter the Premises for weighing purposes only and must be removed from the Premises as soon as it has been weighed.
Special Waste Type 1	Combined total of 200 tonnes per year	Cement bonded asbestos. No fibrous asbestos shall be accepted.
Hazardous waste		Household chemical waste only

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

1.3.2 The Licensee shall ensure that where waste does not meet the waste acceptance criteria set out in condition 1.3.1 it is removed from the Premises by the delivery vehicle or, where that is not possible, stored in a quarantined 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 process(es) set out in Table 1.3.2 and in accordance with any process limits described in that Table.

Table 1.3.2: Waste processing

Waste type	Process	Process limits
Clean Fill	Receipt, handling, mechanical sorting, hand sorting and storage prior to off-site disposal.	None Specified
Inert Waste Type 1	Receipt, handling, mechanical sorting, hand sorting and storage prior to off-site disposal.	<ul style="list-style-type: none"> Crushing and screening of Inert Waste Type 1 is not permitted.



Table 1.3.2: Waste processing

Waste type	Process	Process limits
Inert Waste Type 2	Receipt, handling, mechanical sorting, hand sorting and storage prior to off-site disposal.	Tyres are to be stored inside a metal tyre storage cage, with at least 2m separation distance from any combustible material, building or fence.
Putrescible Waste (including green waste)	Receipt, handling and storage prior to off-site disposal	<ul style="list-style-type: none">Only to be stored and sorted within an enclosed silo, bin, compactor or bunded hardstand area;Only small quantities (up to 20 tonnes) of waste are permitted to remain in sealed silos over weekends. All other waste is not to remain on the Premises for more than 24 hours from time of receipt at the end of the usual working day.
Special Waste Type 1		None Specified
Hazardous waste		No more than 1360L (litres) of liquid and 1000kg of solid household chemical waste shall be stored on the Premises at any one time.

1.3.4 The Licensee shall implement the following security measures at the site:

- erect and maintain suitable fencing to prevent unauthorised access to the site; and
- ensure that any entrance gates to the premises are securely locked when the premises are unattended; and
- undertake regular inspections of all security measures and repair damage as soon as practicable;
- install and maintain a sign at the entrance to the Premises which clearly displays the following information:
 - Opening hours;
 - Contact telephone number;
 - Warning indicating penalties for people lighting fires.

1.3.5 The Licensee shall implement control measures to prevent infestations of pests, flies and vermin at the Premises.

1.3.6 The Licensee shall take all reasonable and practical measures to ensure that no windblown waste escapes from the Premises.

1.3.7 The Licensee shall ensure that no waste is burnt on the premises.

2 Monitoring

2.1 General monitoring

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

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



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
Waste Inputs	Clean Fill, Inert Waste Type 1, Inert Waste Type 2, Putrescible Waste, Special Waste Type 1, Hazardous Waste	tonnes (For loads estimated to be under 1 tonne, an estimated weight is sufficient)	N/A	Each load arriving at the Premises
Waste Outputs	Waste type as defined in the Landfill Definitions			Each load leaving or rejected from the Premises

3 Improvements

3.1 Improvement program

3.1.1 The Licensee shall complete the improvements in Table 3.1.1 by the date of completion in Table 3.1.1.

Table 3.1.1: Improvement program		
Improvement reference	Improvement	Date of completion
IR1	<p>The Licensee shall submit to the CEO a Site Management Report that assesses the suitability of controls and management practices at the Premises for preventing or abating pollution or environmental harm from the Putrescible Waste processing and storage operations. The report shall include details and a timeframe for completion of the following as minimum:</p> <ul style="list-style-type: none">(a) Construction of a suitable bund surrounding the Putrescible Waste storage processing areas;(b) Any other controls or management practices requiring upgrading as identified in the Site Management Report.	Within six months of this licence amendment being issued.
IR2	<p>The Licensee shall prepare and submit to the CEO an Asbestos Management Plan (AMP). As a minimum the AMP shall include;</p> <ul style="list-style-type: none">• Standard operational procedures (SOP's) for the pre-acceptance and acceptance of waste and how any asbestos detected on site will be managed; and• Identification of each person's roles and responsibilities under the AMP; and• Procedures for detailing incidents or emergencies associated with asbestos <p>that are consistent with the DER Asbestos Guidelines.</p>	Within three months of this licence amendment being issued
IR3	The Licensee shall implement the AMP once submitted in accordance with IR2	Upon submission of the AMP to the CEO



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 within 62 calendar days after the end of the annual period. 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 form ¹
-	Summary of any failure or malfunction of any pollution control equipment and any environmental incidents that have occurred during the annual period and any action taken	None specified
2.2.1	Summary of inputs and outputs	None specified
4.1.3	Compliance	Annual Audit Compliance Report (AACR)
4.1.4	Complaints summary	None specified

Note 1: Forms are in Schedule 2

4.3 Notification

- 4.3.1 The Licensee shall ensure that the parameters listed in Table 4.3.1 are notified to the CEO in accordance with the notification requirements of the table.



Table 4.3.1: Notification requirements

Condition or table (if relevant)	Parameter	Notification requirement ¹	Format or form ²
2.1.2	Calibration report	As soon as practicable.	None specified
-	Breach of any limit specified in the licence	Part A: As soon as practicable but no later than 5pm of the next weekday. Part B: As soon as practicable.	N1

Note 1: Notification requirements in the Licence shall not negate the requirement to comply with s72 of the Act

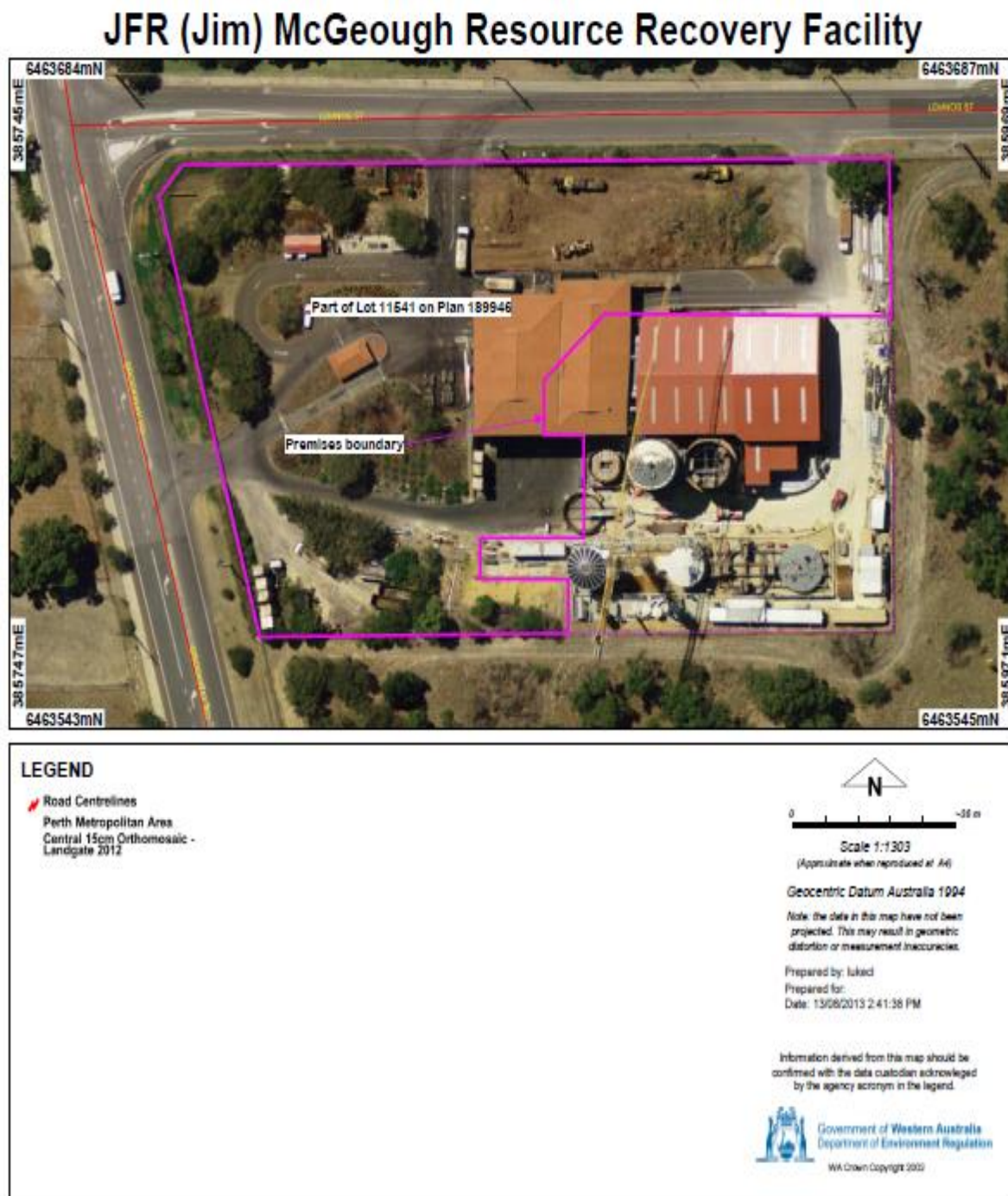
Note 2: Forms are in Schedule 2



Schedule 1: Maps

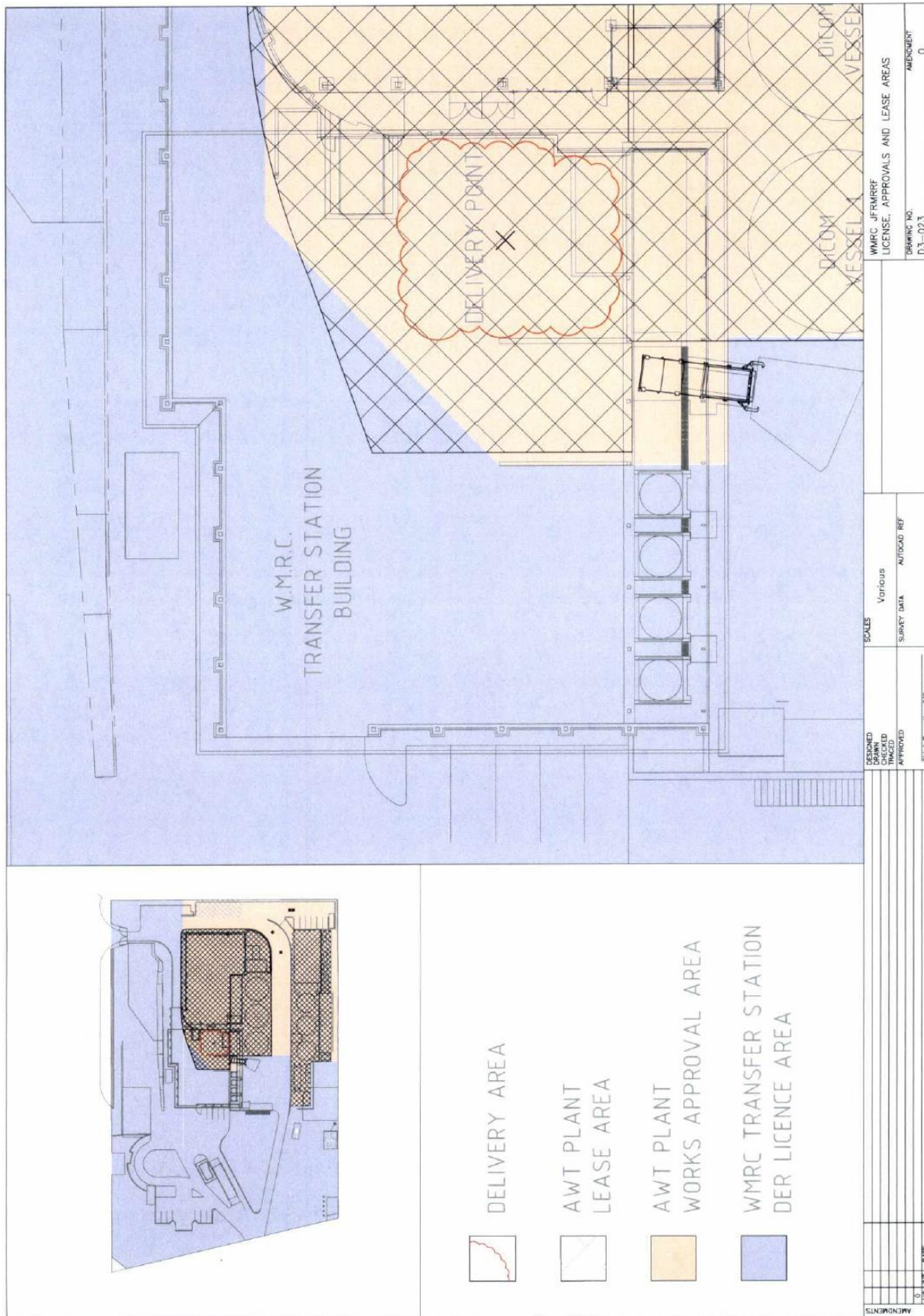
Premises map

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





Internal Premises map





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: _____

NAME:
(printed) _____

POSITION: _____

DATE: ____/____/____

SEAL (if signing under seal)

SIGNATURE: _____

NAME:
(printed) _____

POSITION: _____

DATE: ____/____/____



Licence: L7303/1998/10
Form: N1

Licensee: Western Metropolitan Regional Council
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 Western Metropolitan Regional Council	
Date	



Decision Document

Environmental Protection Act 1986, Part V

Proponent: **Western Metropolitan Regional Council**

Licence: **L7303/1998/10**

Registered office: Wearne House
40 Marine Parade
COTTESLOE WA 6011

Premises address: JFR (Jim) McGeough Resource Recovery Facility
60 Lemnos Street
SHENTON PARK WA 6010
Being Part of Lot 11541 on Plan 189946

Issue date: Thursday, 10 October 2013

Commencement date: Saturday, 12 October 2013

Expiry date: Thursday, 11 October 2018

Decision

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

Decision Document prepared by: Lauren Fox
Licensing Officer

Decision Document authorised by: Rebecca Kelly
Manager Licensing



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1 Purpose of this Document

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



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)	Assessed design capacity
	62	125,400 tonnes per year
Application verified	Date: N/A	
Application fee paid	Date: N/A	
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	N/A	
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

The Western Metropolitan Regional Council (WMRC) is a regional local government entity working on behalf of five member Councils in Perth's western suburbs. They operate the JFR (Jim) McGeough Resource Recovery Facility (JFRRR) in Shenton Park which provides a waste transfer station for Councils, residents and commercial customers. The waste transfer station includes recycling services for cardboard, paper, scrap metal, batteries, printer cartridges, fluorescent lights, electronic waste, mobile phones and motor oil. The facility also provides a fee for service for the safe disposal of problematic wastes such as LPG gas bottles, asbestos and tyres.

WMRC developed a permanent Household Hazardous Waste (HHW) drop-off facility for residents at the JFRRR. Design of the facility was developed in consultation with, and approved by, the former Department of Environment and Conservation and the Department of Mines and Petroleum. The HHW storage facility was developed in line with the following documents:

- Guidelines for the design and operation of facilities for the acceptance and storage of household hazardous waste, Department of Environment and Conservation, 2009
- *Dangerous Goods Safety Act 2004* (WA), Department of Mines and Petroleum.

No community consultation directly relevant to the licence has been conducted. The WMRC holds bi-monthly Community Liaison Meetings to provide an open forum for information exchange and communication between the WMRC, residents and other stakeholders of the facility.

A second licensed premises (Category 61A & 67A facility managed by AnaeCo Limited, licence number L8242/2008/3) is also located within Lot 11541. DiCOM Facilities Pty Ltd (occupied by AnaeCo) lease a portion of the site from WMRC and operate in conjunction with the JFRRR in processing the organic component of municipal solid waste received at the site. Both licensed premises utilise one weighbridge located within the WMRC licensed premises. Waste destined for AnaeCo is sent directly to their premises for processing after passing through the weighbridge.

There have been no recorded emissions or discharges from the facility's solid waste management activities; however the potential for odour emissions has been identified at the tipping floor work area. These odours are primarily controlled by the storage of putrescibles in silos that are sealed and removed (when full) or at the end of daily operations.

Works approval W4999/2011/1 was issued on 22/09/2011 and included works for the reconfiguration of site roads, construction of a hardstand in the northern portion of the premises, installation of a walking floor system, and a compactor for waste. The works approval expired in September 2014 without the floor system and compactor having been completed. WMRC have decided to leave these works for a later date and will apply for a new works approval or licence amendment when ready to commence.

As waste is entering the JFRRR premises for weighing prior to being diverted to AnaeCo, it was recommended through previous correspondence between WMRC and DER that the occupier should apply for a licence amendment so that the licence addresses the total volume of putrescible wastes accepted through the JFRRR.

To ensure that the volume of waste entering the JFRRR is included in the licence, the occupier has submitted a licence amendment request to increase the annual volume of putrescible waste throughput from 55,000 tonnes to 115,000 tonnes per year with approximately 60,000 tonnes being diverted directly to AnaeCo each year. No additional infrastructure is required for this amendment as no additional waste is being processed at the premises (i.e. the additional 60,000 tonnes is brought into the WMRC premises for weighing purposes only). Given that the facility also receives 10,000 tonnes of green waste, 200 tonnes combined volume of special waste type 1 and hazardous waste and 200 tonnes of inert waste type and up to 100 tyres at the premises, the production capacity of the



premises (page 1 of the licence) has been increased to 125,400 tonnes per year, to address the total volume for all waste types accepted at the premises.

The occupier also requested that a small volume of waste (up to 20 tonne) be permitted to remain onsite in sealed silos if received on weekends. The licence currently requires all waste to be removed offsite within 24 hours.

The amendment application has also requested that conditions for premises operations (storage of putrescible waste) are amended to reflect current site operations where waste is stored outside on an unbunded area with runoff directed to soak wells. This amendment request has not been approved. Condition 1.3.1 was included on the licence to prevent potentially contaminated stormwater or leachate from entering the environment. DER has revised the requirements of this condition and has amended it so that the condition now only requires putrescible waste to be stored and sorted within a bunded hardstand area, and removed the requirement for this area to be in an enclosed building. An improvement condition has been included on the licence to require the putrescible storage area to be upgraded with at least the construction of a bund so that it provides adequate containment of contaminated or potentially contaminated stormwater.

Additional minor amendments have also been undertaken to reflect the current licence format, such as the removal of section headings which did not contain any conditions. Only conditions related to general conditions, premises operation, improvements and information have been reassessed. All other emissions from the premises have not been reassessed as part of this amendment.

This draft licence was referred to the occupier on 7 May 2015 under the proposed amendment 21 day comment period. The occupier provided comment to DER on 5 August 2015. These comments have been discussed in the decision document and incorporated into the licence where appropriate.



4 Decision table

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

DECISION TABLE			
Works Approval / Licence section	Condition number W = Works Approval L = Licence	Justification (including risk description & decision methodology where relevant)	Reference documents
General conditions	L1.1.5	<p>Condition 1.2.1 of the previous licence has been removed from the 'general conditions' section and placed in the 'interpretation' section of the licence and renumbered as 1.1.5.</p> <p>The Licensee has indicated in a previous licence application that hazardous wastes received at the premises are stored in designated areas that have been developed in line with 'Guidelines for the design and operation of facilities for the acceptance and storage of household hazardous waste' published Department of Environment and Conservation, 2009 and the <i>Dangerous Goods Safety Act 2004</i>. Condition 1.2.3 of the previous licence required all environmentally hazardous materials to be stored in accordance with the 'Storage and handling of dangerous goods - code of practice', published by the Department of Mines and Petroleum (DMP), Government of Western Australia. This condition has been removed from the licence. It is the Licensee's responsibility to ensure compliance with this DMP published code, if applicable.</p> <p>Condition 1.2.4 of the previous licence (now numbered as 1.2.3) has remained on the licence as with any industrial premises, there is a potential for spills of cleaning agents, fuels and other chemicals to occur.</p> <p>The remaining conditions in this 'general conditions' section have been renumbered to incorporate the removal of conditions 1.2.1 and 1.2.3 of the previous licence. This has been actioned in accordance with DER's current licensing process. No other changes have been made in this section.</p>	



DECISION TABLE			
Works Approval / Licence section	Condition number W = Works Approval L= Licence	Justification (including risk description & decision methodology where relevant)	Reference documents
Premises operation	L1.3.1	<p>The occupier has requested that an additional 60,000 tonnes per year of putrescible waste be accepted through the premises before being diverted for use at the AnaeCo anaerobic waste treatment plant located immediately adjacent to the Premises.</p> <p>Table 1.3.1 in condition L1.3.1 has been amended to increase the quantity limit for putrescible waste from 55,000 tonnes to 115,000 tonnes per year and to specify that 60,000 tonnes per year of waste is diverted through to the AnaeCo facility, without being processed at the Premises.</p> <p>The occupier is permitted to accept household chemical waste at the premises. This was included under the specification for Special Waste Type 1 in Table 1.3.1 of the previous licence. When completing this amendment, it was identified that household chemical wastes are better defined under the category of 'Hazardous Waste' so an additional row for Hazardous Waste has been included onto the waste type in this table and the definition included in the 'interpretation' section of the licence.</p> <p>Table 1.3.2 of condition L1.3.3 has also been amended to include Hazardous Waste into the waste type column.</p> <p>Operation <u>Emission Description</u> <i>Emission:</i> Stormwater contaminated with leachate from waste processing operations. <i>Impact:</i> Contamination of surrounding land and water drainage systems. Potential impacts on ecology of soil quality and groundwater from the addition of nutrients.</p>	Application supporting documentation



DECISION TABLE			
Works Approval / Licence section	Condition number W = Works Approval L = Licence	Justification (including risk description & decision methodology where relevant)	Reference documents
Premises operation continued		<p><i>Controls:</i> The occupier currently sorts bulk waste in a concrete area that is uncovered and unbunded with run-off directed into stormwater soak wells.</p> <p><u>Risk Assessment</u> <i>Consequence:</i> Moderate <i>Likelihood:</i> Possible <i>Risk Rating:</i> Moderate</p> <p><u>Regulatory Controls</u> Table 1.3.1 in condition 1.3.1 specifies that putrescible waste can 'only to be stored and sorted within an enclosed building provided with hardstanding and bunded to prevent run-off'. The occupier has requested that this be amended to reflect current processing operations where some putrescible wastes are stored and sorted outside with runoff going to soak wells.</p> <p>Given that there is a risk of leachate and contaminated stormwater entering the soak wells and infiltrating directly to the environment, the putrescible waste processing and storage area will require a bunded hardstand as a minimum for containment of leachate. This condition has been amended to remove the requirement for this area to be an enclosed building; however the requirement for bunding has remained to require that runoff is contained and does not enter the environment through the soak wells.</p> <p>Following the occupier's review of the previous draft licence conditions, DER has been informed that putrescible wastes are stored and sorted in various areas around the premises which include silo systems, compactors, bins, outside areas and inside the WMRC building. The occupier requested that the 'process limit' for putrescible waste in Table 1.3.1 be expanded to authorise putrescible wastes to be also be stored and sorted within an enclosed silo, bin or compactor, to address these various storage and sorting locations. Table 1.3.1 has been</p>	



DECISION TABLE			
Works Approval / Licence section	Condition number W = Works Approval L= Licence	Justification (including risk description & decision methodology where relevant)	Reference documents
Premises operation continued		<p>amended to incorporate this request.</p> <p>An improvement condition (L3.1.1) has been included requiring the occupier to upgrade the site to meet the requirements of this amended condition to prevent the risk of leachate entering the environment.</p> <p><u>Residual Risk</u> <i>Consequence</i>: Moderate <i>Likelihood</i>: Unlikely <i>Risk Rating</i>: Moderate</p> <p>The occupier has also requested that the putrescible waste process limit for table 1.3.2 is amended to permit small volumes of waste to be stored in sealed silos over the weekend rather than being required to remove half-filled silos from the premises to comply with the current requirement to remove waste within 24 hours. This section has been amended in Table 1.3.2 to permit up to 20 tonnes of waste to be stored over the weekend with all other waste being removed within 24 hours, as requested under the amendment application.</p>	
Emissions general	NA	<p>Condition 2.1.1 of the previous licence has been removed. As per DER's licensing policy, conditions 2.6.1, 2.6.2 and 2.7.1 have been removed from the licence. As there are no emissions under this section that require regulation through the licence, condition 2.1.1 is no longer applicable.</p> <p>All headings in section 2 of this licence have been removed as there are no conditions in this section.</p>	N/A
Fugitive emissions	N/A	In accordance with DER's licensing process, conditions 2.6.1 and 2.6.2 of the previous licence have been removed. Fugitive emissions of dust can be sufficiently regulated under section 49 of the <i>Environmental Protection Act 1986</i> .	<i>Environmental Protection Act 1986</i>
Odour	N/A	In accordance with DER's licensing process, condition 2.7.1 of the previous	<i>Environmental</i>



DECISION TABLE			
Works Approval / Licence section	Condition number W = Works Approval L= Licence	Justification (including risk description & decision methodology where relevant)	Reference documents
		licence has been removed. Odour emissions can be sufficiently regulated under section 49 of the <i>Environmental Protection Act 1986</i> .	<i>Protection Act 1986</i>
General monitoring	L2.1.1 and L2.1.2	<p>Conditions 3.1.1 and 3.1.2 of the previous licence have been renumbered as condition 2.1.1 and 2.1.2 to incorporate the removal of the emissions section (previously section 2) of this licence. These conditions set out requirements for general monitoring such as maintaining monitoring equipment to manufacturer's specifications, and notifying the CEO when discrepancies or issues arise with calibration of monitoring equipment. These conditions are relevant to the monitoring of inputs and outputs as specified in condition 2.2.1 and assist in increasing the reliability and accuracy of monitoring results.</p> <p>Headings that related to sections that contained no conditions (i.e. former headings 3.2 - 3.5 and 3.7 - 3.9) have been removed from the licence in accordance with DER's current licensing process.</p>	
Monitoring of inputs and outputs	L2.2.1	<p>Condition L3.6.1 and corresponding table 3.6.1 of the previous licence have been re-numbered to condition 2.2.1 and table 2.2.1 to incorporate the removal of the headings that did not contain any conditions. This table has been amended to include Hazardous Waste into the waste input parameter. This condition allows DER to regulate the volume of wastes authorised for acceptance under condition 1.3.1.</p> <p>Following the 21 day package sent to the occupier, a new request has been sought to increase the estimated figure of 0.5 tonne to 1 tonne, in the 'units' heading, to better reflect how current loads are being estimated. This has been amended in the table to reflect current operating practices and does not impact on the total volumes of waste entering the premises.</p>	N/A
Improvements	L3.1.1	IR1 in condition 3.1.1 has been included on the licence requiring the occupier to	



DECISION TABLE			
Works Approval / Licence section	Condition number W = Works Approval L= Licence	Justification (including risk description & decision methodology where relevant)	Reference documents
		<p>undertake a Site Management Report which includes, as a minimum, the construction of a bund around the putrescible waste processing and storage area to prevent the risk of contaminated runoff entering the environment as discussed under Premises Operations. Following the occupier's review of the previous draft licence, the occupier has requested that the previous submission date of 1/07/2015, be extended to allow sufficient time to prepare the report and to have the report reviewed by Council. The occupier requested that a period of 6 months be given for the submission of this report. DER has acknowledged the occupier's request and has amended the due date to be within 6 months of the licence amendment being issued.</p> <p>IR2 and IR3 have been included on the licence as a requirement for the occupier to develop an Asbestos Management Plan (AMP), submit it to DER and to then implement the submitted AMP. This is a standard requirement for all premises which accept mixed waste streams including construction and demolition material. This premises is authorised to accept asbestos at the premises so the AMP is required to demonstrate how asbestos is managed at the site to reduce the risk of asbestos fines being released. Following the occupier's review of the previous draft licence, the occupier has requested that the previous submission date of 1/07/2015 be amended to allow time for the AMP to be developed and taken to Council for approval (which occurs in October at the earliest). The timeframe for submission of the AMP has been changed to three months after the licence amendment has been issued.</p>	
Information Information continued	L4.1.4 and L4.3.1	The previous licence included the longer option of condition 5.1.4 which required a significant amount of information to be provided in the complaints management system. This version of the condition is applicable for use in contentious premises. This premises is not contentious in nature and does not have a high number of complainants. The shorter version of this condition has been included on this licence and is now numbered as condition 4.1.4 to reflect the removal of section headings.	<i>Environmental Protection Act 1986</i>



DECISION TABLE			
Works Approval / Licence section	Condition number W = Works Approval L= Licence	Justification (including risk description & decision methodology where relevant)	Reference documents
		<p>Table 4.3.1 of condition 4.3.1 has been amended to remove the requirement to notify the CEO in the event of any failure of malfunction of any pollution control equipment or if any environmental incident has caused, or is causing, pollution. This requirement is sufficiently regulated under section 72 of the <i>Environmental Protection Act 1986</i>.</p> <p>Other than the re-numbering of the conditions, no other changes to this section have been made.</p>	
Licence Duration	N/A	Licence duration has not been reassessed as part of this amendment.	



5 Advertisement and consultation table

Date	Event	Comments received/Notes	How comments were taken into consideration
07/05/2015	Proponent sent a copy of draft instrument during initial 21 day comment period	Comments received on 5/08/2015 addressing various components of the draft documents. These requests and changes (where applicable) have been discussed throughout this decision document.	Updated where applicable as detailed in this decision document.
10/09/2015	Proponent sent a copy of draft instrument during new 21 day comment period	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