



Licence

Environmental Protection Act 1986, Part V

Licensee: Shire of Murray

Licence: L8365/2009/2

Registered office: 1915 Pinjarra road
 PINJARRA WA 6208

Premises address: Dwellingup Waste Transfer Station
 Pinjarra Williams Road
 DWELLINGUP WA 6213
 Being Lot 71 on Plan 91925 as depicted in Schedule 1.

Issue date: Thursday, 25 September 2014

Commencement date: Wednesday, 29 October 2014

Expiry date: Monday, 28 October 2019

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
57	Used tyre storage (general) – premises (other than premises within category 56) on which used tyres are stored	100 tyres or more	300 tyres at any one time.
62	Solid waste depot – premises on which waste is stored or sorted pending final disposal or re-use	500 tonnes or more per year	5,000 tonnes per annual period

Conditions

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

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 protect and conserve the State's environment on behalf of the people of Western Australia.

DER has responsibilities under Part V of the *Environmental Protection Act 1986* (the Act) for the licensing of prescribed premises. Through this process DER works with the business owners, community, consultants, industry and other representatives to prevent, control and abate pollution and environmental harm to conserve and protect the environment. DER 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 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. Operating without a licence is an offence under the Act.

Ministerial conditions

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

Premises description and Licence summary

The Dwellingup waste transfer station is located approximately 1 km east of the Dwellingup town centre and approximately 500m south of the Holyoake Brook which discharges into the Murray River. The transfer station operates from 3 pm – 5 pm Wednesdays and Fridays and 1 pm – 5 pm Saturdays and Sundays.

The site is used for the collection of all domestic, recyclable and greenwaste generated from residents, ratepayers and users of the area, and has been designed to maximize the potential for waste separation and recycling. Waste is separated into putrescibles, inert wastes, green wastes, and recyclables (including glass, cardboard, steel, oil, tyres, white goods, and paper) prior to transfer off site.

When waste is received at the site it is assessed to determine the category of waste to be disposed by a site attendant. The user is then directed to the appropriate area where an attendant ensures that the waste being disposed is consistent with the initial evaluation. Waste is sorted into a series of bulk bins and collected for disposal.

The main emissions of concern are windblown waste and potentially odour. Both these emissions are minimised by the use of covered bins and regular removal. Windblown waste is collected on a weekly basis. Dust suppression is not necessary due to traffic being low volume and speed.

The transfer station is located on a compacted gravel area underlain with clay and is designed to direct stormwater away from the storage area. Green waste is mulched on site daily. Waste oil is decanted into an approved waste oil storage tank. Battery storage is banded to contain any spilt acids. The majority of waste is collected and stored in sealed bins.

This Licence is the successor to licence L8365/2009/1 and includes the removal of 4.1.1, 4.1.2 and table 4.1.1 which are now redundant. The licence has also been amend to reflect version 2.8 of the generic REFIRE templates

The licences and works approvals issued for the Premises since 29/10/2009 are:

Instrument log		
Instrument	Issued	Description
L8365/2009/1	29/10/2009	New licence application
L8365/2009/1	29/5/2013	Licence amendment to change date for submission of AACR
L8365/2009/1	29/10/2013	Licence amendment to convert licence into REFIRE format.
L8365/2009/2	25/09/2014	Licence renewal



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:

'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 November until the 31 October 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, chrysotile, 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;

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

'CEO' for the purpose of correspondence means;

Manager Licensing (Greater Swan)
Department of Environment Regulation
Locked Bag 33
CLOISTERS SQUARE WA 6850
Telephone: (08) 9333 7510
Facsimile: (08) 9333 7550
Email: grswanbooragoon@der.wa.gov.au;

'code of practice for the storage and handling of dangerous goods' means the document titled "Storage and handling of dangerous goods: Code of Practice" published by the Department of Mines and Petroleum, as amended from time to time;

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

'DER Asbestos Guidelines' means the current version of the Guidelines for managing asbestos at construction and demolition waste recycling facilities as published by the Department of Environment and Conservation, Government Western Australia;

'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;



'fugitive emissions' means all emissions not arising from point sources identified in Sections 2.2, 2.3, 2.4 and 2.5;

'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 Waste Classification and Waste Definitions 1996 (As amended December 2009), published by the CEO and as amended from time to time;

'Inert Waste Type 1' has the meaning defined in Landfill Waste Classification and Waste Definitions 1996 (As amended December 2009), published by the CEO and as amended from time to time;

'Inert Waste Type 2' has the meaning defined in Landfill Waste Classification and Waste Definitions 1996 (As amended December 2009), published by the CEO and as amended from time to time;

'Landfill Waste Classification and Waste Definitions 1996 (As amended December 2009)' means the document entitled 'Landfill Waste Classification and Waste Definitions 1996 (As amended December 2009)' published by the Chief Executive Officer and as amended from time to time;

'Licence' means this Licence numbered L8365/2009/2 and issued under the *Environmental Protection Act 1986*;

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

'oil collection sump' means an impervious contained sump for the collection and storage of liquid hydrocarbon wastes that prevents access from rain or surface water.

'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;

'Putrescible' has the meaning defined in Landfill Waste Classification and Waste Definitions 1996 (As amended December 2009), published by the CEO and as amended from time to time;

'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;

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

'Waste oil' means waste defined as petrol, diesel and other hydrocarbon wastes.

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.



1.1.4 Any reference to a guideline or code of practice in the Licence means the current version of the guideline or code of practice.

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 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, except where storage is prescribed in section 1.3, shall ensure that environmentally hazardous materials 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.

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

Table 1.3.1: Waste acceptance		
Waste type	Quantity Limit	Specification ¹
Hazardous waste	Combined total of 5,000 tonnes per annual period	Limited to car batteries and waste oil only.
Inert Waste Type 1		Waste containing visible asbestos or ACM shall not be accepted.
Scrap metal		None specified
Putrescible waste		Includes but not limited to; paper, cardboard and greenwaste.
Inert Waste Type 2	No more than 300 tyres at any one time	Includes but not limited to used tyres and plastics.

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
Hazardous waste	Receipt, handling and storage prior to disposal	Car batteries shall be stored in a compound with a hardstand floor and bund, with an appropriate cover to prevent rainfall from entering the containment area.
Inert Waste Type 1		Waste oil shall only be discharged to the oil collection sump.
Inert Waste Type 2		Crushing and screening of Inert Waste Type 1 is not permitted.
Putrescibles waste		Tyres shall be stored in piles of no more than 100 with: <ul style="list-style-type: none"> • a 6 m minimum separation between piles; • a minimum 3 m separation from the wall of any building; and • a minimum of 6 m separation from other wastes, site fences and boundaries.
Scrap metal		Tyres shall be stored on level ground.
		Putrescibles wastes, other than green waste, paper and cardboard are to be stored in a leak proof container.
		None specified.

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;
- 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;
 - Hours of operation;
 - Accepted and prohibited materials; and
 - Alternative depots when Premises is closed.

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 and that windblown waste is collected on at least a weekly basis and appropriately contained.

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



2 Emissions

2.1 General

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

2.2-2.4 Point source emissions to air, surface water and groundwater

There are no specified conditions relating to point source emissions to air, surface water or groundwater in this section.

2.5 Emissions to land

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

2.6 Fugitive emissions

- 2.6.1 The Licensee shall use all reasonable and practical measures to prevent and where that is not practicable to minimise dust emissions from the Premises.
- 2.6.2 The Licensee shall ensure that no visible dust generated by the activities on the Premises crosses the boundary of the Premises.

2.7 Odour

- 2.7.1 The Licensee shall ensure that odour emitted from the Premises does not unreasonably interfere with the health, welfare, convenience, comfort or amenity of any person who is not on the Premises.

2.8 Noise

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



3 Monitoring

3.1 General monitoring

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

3.2-3.4 Monitoring of point source emissions to air, surface water and groundwater

There are no specified conditions relating to monitoring of point source emissions to air, surface water or groundwater in this section.

3.5 Monitoring of emissions to land

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

3.6 Monitoring of inputs and outputs

3.6.1 The Licensee shall undertake the monitoring in Table 3.6.1 according to the specifications in that table.

Input/Output	Parameter	Units	Averaging period	Frequency
Waste Inputs	Hazardous waste Inert Waste Type 1 Scrap metal Inert Waste Type 2 Putrescible waste	m ³ (where no weighbridge is present)	N/A	Each load arriving at the Premises
Waste Outputs	Waste type as defined in the Landfill Waste Classification and Waste Definitions 1996 (As amended December 2009)		N/A	Each load leaving or rejected from the Premises

3.7 Process monitoring

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

3.8-3.9 Ambient environmental quality monitoring and meteorological monitoring

There are no specified conditions relating to ambient environmental quality monitoring or meteorological monitoring in these sections.



4 Improvements

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 waters.

- 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 annual period.

- 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 CEO an Annual Environmental Report within 30 calendar days after 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.

Condition or table (if relevant)	Parameter	Format or form¹
-	Summary of any failure or malfunction of any pollution control equipment and any environmental incidents that have occurred during the annual period and any action taken	None specified
3.6.1	Input and output monitoring data (including rejected loads)	None specified
5.1.3	Compliance	Annual Audit Compliance Report (AACR)
5.1.4	Complaints summary	None specified

Note 1: Forms are in Schedule 2



5.3 Notification

5.3.1 The Licensee shall ensure that the parameters listed in Table 5.3.1 are notified to the Director in accordance with the notification requirements of the table.

Table 5.3.1: Notification requirements			
Condition or table (if relevant)	Parameter	Notification requirement¹	Format or form²
-	Any failure or malfunction of any pollution control equipment or any incident which has caused, is causing or may cause pollution	Part A: As soon as practicable but no later than 5pm of the next usual working day. Part B: As soon as practicable	N1
2.1.1	Breach of any limit specified in the Licence		

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 map below. The pink line depicts the Premises boundary.



LEGEND		
Road Centrelines	Crown Lease	Recently added
Cadastre	Lease / Reserve	Coverage
Freehold	Lease on State Forest / Timber Reserve	Dwellingup 50cm Orthomosaic - Landgate 2006
Crown Reserve	Public Roads	
State Forest / Timber Reserve	Unallocated Crown Land	
Marine Park (State)	Water	
		Image Index

Scale 1:4000
 (Approximate when reproduced at A4)
 Geocentric Datum Australia 1994
 Note: The data in this map have not been projected. This may result in geometric distortion or size errors at the scale of this map.
 Prepared by: c1711111111
 Prepared for:
 Date: 5/08/2013 3:52:49 PM

Information derived from this map should be confirmed with the data custodian and knowledge by the agency authority in the legend.

Government of Western Australia
 Department of Environment Regulation
 WA Govt Copyright 2012

* Project Data. This data has not been quality assured. Please contact map author for details.



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

STATEMENT OF COMPLIANCE WITH LICENCE CONDITIONS

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

Yes Please proceed to Section C
No Please proceed to Section B

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

Initial:



SECTION B
DETAILS OF NON-COMPLIANCE WITH LICENCE CONDITION.

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

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

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

Initial:



SECTION C

SIGNATURE AND CERTIFICATION

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

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

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

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

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

SIGNATURE: _____

SIGNATURE: _____

NAME:
(printed) _____

NAME:
(printed) _____

POSITION: _____

POSITION: _____

DATE: ____/____/____

DATE: ____/____/____

SEAL (if signing under seal)



Decision Document

Environmental Protection Act 1986, Part V

Proponent: Shire of Murray

Licence: L8365/2009/2

Registered office: 1915 Pinjarra road
PINJARRA WA 6208

Premises address: Dwellingup Waste Transfer Station
Pinjarra Williams Road
DWELLINGUP WA 6213
Being Lot 71 on Plan 91925 as depicted in Schedule 1.

Issue date: Thursday, 24 September 2014

Commencement date: Wednesday, 29 October 2014

Expiry date: Monday, 28 October 2019

Decision

Based on the assessment detailed in this document the Department of Environment Regulation (DER) has decided to amend the licence. DER considers that in reaching this decision, it has taken into account all relevant considerations and legal requirements and that the Licence and its conditions will ensure that an appropriate level of environmental protection is provided.

Decision Document prepared by: Richard Wilson
Licensing Officer

Decision Document authorised by: Alan Kietzmann
A/Manager Licensing



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1 Purpose of this Document

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

Works approval and licence conditions

DER has three types of conditions that may be imposed on works approvals and licences. They are as follows;

Standard conditions (SC)

DER has standard conditions that are imposed on all works approvals and licences regardless of the activities undertaken on the Premises and the information provided in the application. These are included as the following conditions on works approvals and licences:

Works approval conditions: 1.1.1-1.1.4, 1.2.1, 1.2.2, 5.1.1 and 5.1.2.

Licence conditions: 1.1.1-1.1.4, 1.2.1-1.2.4, 5.1.1-5.1.4 and 5.2.1.

For such conditions, justification within the Decision Document is not provided.

Optional standard conditions (OSC)

In the interests of regulatory consistency DER has a set of optional standard conditions that can be imposed on works approvals and licences. DER will include optional standard conditions as necessary, and are likely to constitute the majority of conditions in any licence. The inclusion of any optional standard conditions are justified in Section 4 of this document.

Non standard conditions (NSC)

Where the proposed activities require conditions outside the standard conditions suite DER will impose one or more non-standard conditions. These include both premises and sector specific conditions, and are likely to occur within few licences. Where used, justification for the application of these conditions will be included in Section 4.



2 Administrative summary

Administrative details		
Application type	Works Approval <input type="checkbox"/> New Licence <input checked="" type="checkbox"/> Licence amendment <input type="checkbox"/> Works Approval amendment <input type="checkbox"/>	
Activities that cause the premises to become prescribed premises	Category number(s)	Assessed design capacity
	57	300 tyres or more
	62	5,000 tonnes per annual period
Application verified	Date: 11/08/2014	
Application fee paid	Date: 22/08/2014	
Works Approval has been complied with	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	
Compliance Certificate received	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	
Commercial-in-confidence claim	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Commercial-in-confidence claim outcome		
Is the proposal a Major Resource Project?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Was the proposal referred to the Environmental Protection Authority (EPA) under Part IV of the <i>Environmental Protection Act 1986</i> ?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Referral decision No: Managed under Part V <input type="checkbox"/> Assessed under Part IV <input type="checkbox"/>
Is the proposal subject to Ministerial Conditions?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Ministerial statement No: EPA Report No:
Does the proposal involve a discharge of waste into a designated area (as defined in section 57 of the <i>Environmental Protection Act 1986</i>)?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Department of Water consulted Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Is the Premises within an Environmental Protection Policy (EPP) Area	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
If Yes include details of which EPP(s) here.		
Is the Premises subject to any EPP requirements?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
If Yes, include details here, eg Site is subject to SO ₂ requirements of Kwinana EPP.		



3 Executive summary of proposal

Dwellingup Waste Transfer Station is managed by the Shire of Murray. The Shire of Murray lies approximately 86km south of Perth, serviced by the South West Highway and is experiencing a period in significant growth due to the completion of the Perth-Bunbury highway. Within the Shire, large areas of farming land are being redeveloped into residential areas resulting in an expected annual increase in the population growth rate of 5.44% by 2016. This increase in growth is expected to result in a subsequent increase in waste received at the Dwellingup Waste Transfer Station.

The site is located on Lot 71 Holyoake Rd, approximately 1 km east of the Dwellingup Township. The waste transfer station is located approximately 500 m south of Holyoake Brook which discharges to the Murray River. It is not expected that surface runoff from the DWTS would impact on Holyoake Brook based on the topography of the site as the site slopes gently towards Holyoake road with an elevation of approximately 260 m AHD at the northern boundary and 253 m AHD at the south-east corner. A review of aerial photography by DWTS has not identified any wetlands in close proximity to the site.

The site is located within the 'Murray River System' Proclaimed Surface Water Area. These areas are protected under the *Rights in Water and Irrigation Act 1914* and give the Department of Water the power to manage ground and surface waters. The DWTS is located approximately 2 km east of the Dwellingup Catchment Area, Public Drinking Water Source Area and 2 km south of the South Dandalup Dam Catchment Area, Public Drinking Water Source Area.

Dwellingup waste transfer station only takes waste transferred to the station by residents. Wastes are evaluated by a site attendant to establish the category of waste to be disposed of. Once determined, the user is directed to the appropriate location to dispose of the waste and users are asked to dispose of green waste and recyclable waste first and domestic and putrescibles waste last prior to leaving the site.

Dwellingup WTS accepts various waste types:

- Putrescible waste
- Inert waste
- Green waste
- Mixed waste
- Scrap metal
- Recyclable waste
- Construction and Demolition material
- Used tyres
- Used oil
- Batteries

Asbestos, chemical drums and chemical waste are not accepted at the facility. Should any hazardous waste be found on site, the Shire of Murray will arrange for transportation of the waste to an appropriate disposal site in accordance with the appropriate regulations (*Environmental Protection Regulations 1986, Environmental Protection (Controlled Waste) Regulations 1986*). Putrescible, inert and hard waste will be transported to Dardanup Landfill which is licensed to accept:



- i. Clean fill
- ii. Type 1 inert wastes
- iii. Type 2 inert wastes
- iv. Putrescible wastes
- v. Type 1 special wastes
- vi. Type 2 special wastes

This Decision Document relates to the licence renewal and includes assessment of the 2013 REFIRE converted (amended) Licence using the approved risk assessment framework. This has also resulted in the inclusion of standard tyre storage conditions in the Licence.



4 Decision table

All applications are assessed under the Environmental Protection Act 1986, the Environmental Protection Regulations 1987, DER's Corporate Policy Statement No.7 – Operational Risk Management and the risk matrix attached to this Decision Document in Section 6. Where other references have been used in making the decision they are detailed in the decision table.

DECISION TABLE				
Works Approval / Licence section	Condition number W = Works Approval L = Licence	OSC or NSC	Justification (including risk description & decision methodology where relevant)	Reference documents
General conditions	L1.2.5 - L1.2.7 L1.3.1 L1.3.3	OSC	<p>Operation</p> <p><u>Emission Description</u> <i>Emission:</i> Stormwater runoff being potentially contaminated from contact with stored chemicals or waste present on the site.</p> <p><i>Impact:</i> Contamination of groundwater, surface water or soil. The transfer station is located 500 m south of Holyoake Brook which is a tributary to the Murray River. There are no wetlands identified within a 2 km radius of the premises. The transfer station is located approximately 2 km east of the Dwellingup Catchment Area Public Drinking Water Source Area and 2 km south of the South Dandalup Dam Catchment Area, Public Drinking Water Source Area.</p> <p><i>Controls:</i> The site is compacted gravel underlain with clay. Solid wastes accepted to the site that have the potential to generate leachate are stored in sealed bins. Waste oil is stored in an appropriately bunded storage tank.</p> <p>Greenwaste is mulched and sold to residents. No composting takes place on site.</p> <p>Chemicals are stored in accordance with code of practice for storage and handling dangerous goods.</p>	<p>Application supporting documentation</p> <p>Environmental Protection (Unauthorised Discharges Regulations, 2004).</p>



DECISION TABLE				
Works Approval / Licence section	Condition number W = Works Approval L = Licence	OSC or NSC	Justification (including risk description & decision methodology where relevant)	Reference documents
			<p><u>Risk Assessment</u> <i>Consequence:</i> Insignificant <i>Likelihood:</i> Unlikely <i>Risk Rating:</i> Low</p> <p><u>Regulatory Controls</u> Standard REFIRE conditions are included on the licence to specify the types of wastes that can be accepted at the site and what processes they can undergo. Existing controls included security measures, the collection of windblown wastes, implementing measures to prevent pest, flies and vermin infestations, and the management of non-conforming waste.</p> <p>Existing licence condition L1.2.5 requires that liquid chemicals are stored in in low permeability compounds capable of holding the volume and type of substance stored in each to ensure there is no emission to the environment.</p> <p>The existing regulatory controls on the licence are considered appropriate to manage the potential risk of emissions from the site.</p> <p><u>Residual Risk</u> <i>Consequence:</i> Insignificant <i>Likelihood:</i> Unlikely <i>Risk Rating:</i> Low</p>	
	L1.3.1	OSC	<p>Operation <u>Emission Description</u> <i>Emission:</i> Air emissions from potential tyre fires. <i>Impact:</i> residence around the town of Dwellingup being impacted by</p>	



DECISION TABLE				
Works Approval / Licence section	Condition number W = Works Approval L = Licence	OSC or NSC	Justification (including risk description & decision methodology where relevant)	Reference documents
			<p>the smoke from the burning rubber which could potentially include health effects and also cause a nuisance. The nearest residence is approximately 800 m to the west of the site with the town being approximately 1 km to the west.</p> <p>On site fires also have the potential to spread to the adjacent state forest.</p> <p><i>Controls:</i> Tyres stored on site are limited to 300 at any one time with tyres generally being removed from site by a contractor when there are around 250 on site.</p> <p><u>Risk Assessment</u> <i>Consequence:</i> Moderate <i>Likelihood:</i> Unlikely <i>Risk Rating:</i> Moderate</p> <p><u>Regulatory Controls</u> Condition 1.3.1 and table 1.3.2 ensures that tyres are stored to ensure that fire risk is reduced and limiting fuel sources and ensuring that fires are able to be extinguished.</p> <p><u>Residual Risk</u> <i>Consequence:</i> Insignificant <i>Likelihood:</i> Rare <i>Risk Rating:</i> Moderate</p>	
Emissions general	N/A	N/A	Existing licence conditions relating to the investigation of limit/target breaches will be maintained.	Application supporting documentation



DECISION TABLE				
Works Approval / Licence section	Condition number W = Works Approval L = Licence	OSC or NSC	Justification (including risk description & decision methodology where relevant)	Reference documents
Point source emissions to air including monitoring	N/A	N/A	There are no proposed point source emissions to air during operation of the premises. Therefore no specific conditions relating to point source emissions to air or to monitoring these emissions are required to be added to the licence.	Application supporting documentation Environmental Protection (Unauthorised Discharges Regulations, 2004).
Point source emissions to surface water including monitoring	N/A	N/A	There are no proposed point source emissions to water during operation of the premises. No specific conditions relating to point source emissions to surface water or to monitoring these emissions have been added to the licence.	Application supporting documentation Environmental Protection (Unauthorised Discharges Regulations, 2004).
Emissions to land including monitoring	N/A	OCS	There are no emissions to land during the operation of the premises. No specific conditions relating to emissions to land or to monitoring these emissions have been added to the licence.	Application supporting documentation
Point source emissions to groundwater including monitoring	N/A	OSC	There are no point source emissions to groundwater proposed during operation of the premises therefore conditions have not been included in the licence.	Application supporting documentation
Fugitive emissions	L2.6.1 L2.6.2 L1.3.6	OSC	Operation <u>Emission Description</u> <i>Emission:</i> Dust emissions from operation of the site. <i>Impact:</i> Potential nuisance impacts on local residents and local environmentally sensitive areas due to dust deposition. The site is surrounded by state forest and the nearest residence is approximately 1 km away.	Application supporting documentation Licence L8365/2009/2



DECISION TABLE				
Works Approval / Licence section	Condition number W = Works Approval L = Licence	OSC or NSC	Justification (including risk description & decision methodology where relevant)	Reference documents
			<p><i>Controls:</i> Dust will be visually monitored and if dust emissions become an issue control measures will be investigated to ensure compliance with the licence.</p> <p><u>Risk Assessment</u> <i>Consequence:</i> Insignificant <i>Likelihood:</i> Unlikely <i>Risk Rating:</i> Low</p> <p><u>Regulatory Controls</u> Current licence condition 2.6.1 requires the licensee to ensure measures are taken to minimise dust emissions from the premises. Condition 2.6.2 requires that no visible dust crosses the premises boundary. No further regulatory controls required.</p> <p><u>Residual Risk</u> <i>Consequence:</i> Insignificant <i>Likelihood:</i> Unlikely <i>Risk Rating:</i> Low</p> <p><u>Emission Description</u> <i>Emission:</i> Wind-blown waste from operation of the site.</p> <p><i>Impact:</i> Potential nuisance impacts on local residents and local environmentally sensitive areas due to deposition. The site is surrounded by state forest and the nearest residence is approximately 800 m to the west of the premises.</p> <p><i>Controls:</i> With the exception of greenwaste stockpiles, the transfer station is enclosed within a fenced compound. There is the potential</p>	



DECISION TABLE				
Works Approval / Licence section	Condition number W = Works Approval L = Licence	OSC or NSC	Justification (including risk description & decision methodology where relevant)	Reference documents
			<p>for waste left outside the gates to be blown into the surrounding forests when the station is closed. The licensee has committed to removing windblown waste from the perimeter fence on a regular basis.</p> <p><u>Risk Assessment</u> <i>Consequence:</i> Insignificant <i>Likelihood:</i> Unlikely <i>Risk Rating:</i> Low</p> <p><u>Regulatory Controls</u> Condition 1.3.6 of the licence require that the licensee ensure that windblown waste does not escape the premises and that windblown waste is collected at least weekly.</p> <p><u>Residual Risk</u> <i>Consequence:</i> Insignificant <i>Likelihood:</i> Unlikely <i>Risk Rating:</i> Low</p>	
Odour	L1.3.2	OSC	<p>Operation</p> <p><u>Emission Description</u> <i>Emission:</i> Odour emissions from putrescible material received at the site.</p> <p><i>Impact:</i> Potential nuisance impacts on local residents. The nearest residential property is approximately 800 m to the west of the premises.</p>	<p>Application supporting documentation</p> <p>Licence L8365/2009/2</p>



DECISION TABLE				
Works Approval / Licence section	Condition number W = Works Approval L = Licence	OSC or NSC	Justification (including risk description & decision methodology where relevant)	Reference documents
			<p><i>Controls:</i> Putrescible material is stored in sealed bins prior to removal from the site.</p> <p>Green waste is mulched several time a year and sold to residents.</p> <p><u>Risk Assessment</u> <i>Consequence:</i> Insignificant <i>Likelihood:</i> Unlikely <i>Risk Rating:</i> Low</p> <p><u>Regulatory Controls</u> Table 1.3.2 of the Licence requires putrescible material to be stored in sealed bins.</p> <p><u>Residual Risk</u> <i>Consequence:</i> Insignificant <i>Likelihood:</i> Unlikely <i>Risk Rating:</i> Low</p>	
Noise	N/A	N/A	Noise emissions are anticipated to be compliant with the Environmental Protection Noise Regulations 1997 with the nearest residence being further than 1.5 km from the proposed operations. The site will operate from 15:00 to 17:00 Wednesdays and Fridays and 13:00-17:00 Saturdays.	Application supporting documentation <i>Environmental Protection (Noise) Regulations 1997</i>
Monitoring general	N/A	N/A	There is no requirement for general monitoring	Application supporting documentation Licence L8365/2009/2
Monitoring of inputs and outputs	L3.6.1	OSC	Condition 5.2.1 of Licence L8365/2009/2 requires the site operator to record the outputs from the site.	Application supporting documentation



DECISION TABLE				
Works Approval / Licence section	Condition number W = Works Approval L = Licence	OSC or NSC	Justification (including risk description & decision methodology where relevant)	Reference documents
				Licence L8365/2009/2
Process monitoring	N/A	N/A	There is no requirement to monitor processes for the processing of waste glass residue as the material being processed will be of a consistent composition.	Application supporting documentation
Ambient quality monitoring	L3.8.1	N/A	There is no requirement for ambient quality monitoring.	Application supporting documentation
Meteorological monitoring	N/A	N/A	There is no requirement to monitor meteorological data.	Application supporting documentation
Improvements	N/A	N/A	There are no requirements for improvements to the site.	Application supporting documentation
Information	N/A	N/A	Standard REFIRE information conditions included on the licence.	Application supporting documentation
Duration	NA	NA	The licence should be issued for a period of five years as there are no significant risks to the environment from the site and there have not been any major compliance issues with the operation of the site.	Application supporting documentation



5 Advertisement and consultation table

Date	Event	Comments received/Notes	How comments were taken into consideration
23/09/2014	Proponent sent a copy of draft instrument	No comments received.	NA



6. Emissions and discharges risk assessment framework

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