



Licence

Environmental Protection Act 1986, Part V

Licensee: Shire of Mundaring

Licence: L8394/2009/3

Registered office: Shire of Mundaring
7000 Great Eastern Highway
MUNDARING WA 6073

Premises address: Mathieson Road Transfer Station
Sime Road
CHIDLOW WA 6556
Being Lots 142, 143, 150, 151 on Plan 222245 and Lot 500 on Plan 66844 as depicted in Schedule 1.

Issue date: Thursday, 12 June 2014

Commencement date: Saturday, 28 June 2014

Expiry date: Wednesday, 27 June 2035

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	5,000 tonnes per annual period
63	Class I inert landfill site: premises on which waste (as determined by reference to the waste types set out in the document entitled "Landfill Waste Classification and Waste Definitions 1996" published by the CEO and as amended from time to time) is accepted for burial.	500 tonnes or more per year	5,000 tonnes per annual period

Conditions

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

Date signed: 23 March 2016

.....
Alan Kietzmann
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 Mathieson Road transfer station is located within the Shire of Mundaring, approximately 43km east of Perth. The Premises accepts Inert Waste Type 1, Contaminated Solid Wastes (suitable for Class 1 landfilling) and plastics for landfilling. Other waste types such as hazardous, putrescible, green waste and tyres are accepted for storage prior to removal. Recyclables are stored on site until quantities warrant transport to relevant commercial outlets. Putrescibles are transported to EMRC Redhill Landfill facility on a daily basis. Garden waste is stockpiled on site for regular mulching and transported off site. The green waste storage area is contained to divert leachate into a leachate pond. A total of no more than 2,000 m³ of mulch and greenwaste shall be stored at any one time.

The potential environmental issues associated with the premises are dust, wind-blown waste and contamination. The nearest sensitive residential receptor is located approximately 300 m to the north of the transfer station. The area is zoned rural with the majority of surrounding land being vacant bushland. The premises is within 1,900 m of the Lake Leschenaultia catchment. The EPA guidance on separation distances between Industrial and Sensitive Land Uses (June 2005) recommends a separation of 150 m for inert landfills and 200 m for a waste depot from sensitive receptors; the premises meets the recommended separation distances for both activities.

This licence is the result of amendment initiated by DER to remove asbestos acceptance conditions following submission of an asbestos management plan by the Shire of Mundaring which confirmed asbestos is no longer accepted at the premises.

The licences and works approvals issued for the Premises since 06/05/2010 are:

Instrument log		
Instrument	Issued	Description
L8394/2009/1	06/05/2010	New application
L8394/2009/2	23/06/2011	Licence re-issue
L8394/2009/3	12/06/2014	Licence re-issue and amendment to new format
	05/02/2015	Licence amendment to correct waste accepted at premises
	23/03/2016	DER initiated Licence amendment

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 January until 31 December;

'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 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

'Contaminated Solid Waste' has the meaning defined in Landfill Definitions;

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

'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, adhesive or binders;

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

'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 L8394/2009/3 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;

‘rehabilitation’ means the completion of the engineering of a landfill cell and includes capping and/or final cover;

‘Schedule 1’ means Schedule 1 of this Licence unless otherwise stated;

‘Schedule 2’ means Schedule 2 of this Licence unless otherwise stated; and

‘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.

1.2 Premises operation

1.2.1 The Licensee shall only accept waste on to the Premises:

- (a) it is of a type listed in Table 1.2.1; and
- (b) the quantity accepted is below any quantity limit listed in Table 1.2.1; and
- (c) it meets any specification listed in Table 1.2.1 and
- (d) in the case of contaminated solid waste is supported by documentation that demonstrates compliance with the acceptance criteria for Class I landfills.

Table 1.2.1: Waste acceptance

Waste type	Quantity limit		Specification ¹
	Category 62 activities	Category 63 activities	
Clean Fill	N/A	N/A	None specified
Contaminated solid waste	Combined limit of 5000 tonnes/annual period	Combined limit of 5000 tonnes/annual period	Must meet the acceptance criteria for Class I landfills
Inert Waste Type 1			None Specified
Inert Waste Type 2			Tyres and plastics only
Hazardous waste		N/A	Limited to waste oil, paint and batteries
Putrescible Waste	None specified		

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*.

1.2.2 The Licensee shall ensure that where waste does not meet the waste acceptance criteria set out in condition 1.2.1 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.



1.2.3 The Licensee shall ensure that wastes accepted onto the Premises are only subjected to the processes set out in Table 1.2.2 and in accordance with any process limits described in that Table.

Table 1.2.2: Waste processing		
Waste type	Processes	Process limits ^{1, 2}
Clean Fill	Receipt, handling, storage and disposal of waste by landfilling	No waste shall be temporarily stored or landfilled within 25 metres from the boundary of the premises. The separation distance between the base of the landfill and the highest groundwater level shall not be less than 3 meters. Crushing and screening of Inert Waste Type 1 is not permitted.
Contaminated Solid Waste		
Inert Waste Type 1		
Inert Waste Type 2 (Plastics)		
Hazardous waste	Receipt, handling and storage prior to offsite disposal	Waste oil, paint and batteries must be stored in a fully enclosed bunded area/container. The licensee must immediately recover, or remove and dispose of spills of hazardous waste outside of a fully enclosed bunded area/container.
Putrescible waste	Receipt, handling, mulching and storage prior to off-site disposal	A minimum ten metre firebreak shall be maintained around the greenwaste storage area No more than 2,000m ³ of green waste shall be stored at any one time Shredded green waste is to be removed from the premises within 2 weeks. Leachate generated in the greenwaste storage area is contained within a bunding system and diverted to the leachate pond highlighted in Schedule 1. All putrescible waste (except green waste) received at the premises shall be placed in a dedicated bin which is removed on a daily basis.
Inert Waste Type 2 (Tyres)	Receipt, handling and storage prior to off-site disposal	No more than 99 tyres shall be stored at any one time.

Note 1: Requirements for landfilling tyres are set out in Part 6 of the *Environmental Protection Regulations 1987*.

Note 2: Additional requirements for the acceptance and landfilling of controlled waste (including asbestos and tyres) are set out in the *Environmental Protection (Controlled Waste) Regulations 2004*.

1.2.4 The Licensee shall manage the landfilling activities to ensure:

- waste is levelled and compacted as soon as practicable after it is discharged; and
- waste is placed and compacted to ensure all faces are stable and capable of retaining rehabilitation material; and
- rehabilitation of a cell or phase takes place within 6 months after disposal in that cell or phase has been completed.

1.2.5 The Licensee shall maintain a sign at the entrance to the Premises which clearly displays the following information;

- hours of operation;
- contact telephone number;



- (c) warning indicating penalties for people lighting fires; and
- (d) list of materials accepted for recycling and the location of where they can be deposited on the premises.

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

1.1.7 The Licensee shall take all reasonable and practical measures to ensure that no wind-blown waste escapes from the Premises and that wind-blown waste is collected on at least a weekly basis and returned to the tipping area or appropriately contained.

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

1.2.9 The Licensee shall ensure that cover is applied and maintained on landfilled wastes in accordance with Table 1.2.3 and that sufficient stockpiles of cover are maintained on site at all times.

Table 1.2.3: Cover requirements

Waste Type	Material	Depth	Timescales
Inert Waste Type 2, Contaminated Solid waste	Type 1 Inert waste or clean fill	100mm	By the end of the working day in which waste was deposited
Inert Waste Type 1	No cover required		

1.2.10 The Licensee shall implement security measures at the site to prevent unauthorised access to the site.

2 Monitoring

2.1 Monitoring of inputs and outputs

2.1.1 The Licensee shall undertake the monitoring in Table 2.1.1 according to the specifications in that table.

Table 2.1.1: Monitoring of inputs and outputs

Input/Output	Parameter	Units	Averaging period	Frequency
Waste Inputs	Clean Fill, Contaminated Solid Waste, Inert Waste Type 1, Inert Waste Type 2, Special Waste Type 1, Hazardous Waste Putrescible waste, Tyres	m ³	N/A	Each load received at the Premises
Waste Outputs	Waste type as defined in the Landfill Definitions			Each load leaving or rejected from the Premises



3 Information

3.1 Records

- 3.1.1 All information and records required by the Licence shall:
- (a) be legible;
 - (b) if amended, be amended in such a way that the original and subsequent amendments remain legible or are capable of retrieval;
 - (c) except for records listed in 3.1.1(d) be retained for at least 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.
- 3.1.2 The Licensee shall complete an Annual Audit Compliance Report indicating the extent to which the Licensee has complied with the conditions of the Licence, and any previous licence issued under Part V of the Act for the Premises for the previous annual period.
- 3.1.3 The Licensee shall implement a complaints management system that as a minimum records the number and details of complaints received concerning the environmental impact of the activities undertaken at the Premises and any action taken in response to the complaint.

3.2 Reporting

- 3.2.1 The Licensee shall submit to the CEO an Annual Environmental Report within 28 calendar days after the end of the annual period. The report shall contain the information listed in Table 3.2.1 in the format or form specified in that table.

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
2.1.1	Output monitoring data (summary of wastes removed and rejected from the Premises)	None specified
3.1.3	Compliance	Annual Audit Compliance Report (AACR)
-	Information on the following matters including an assessment of the effectiveness of the measures and any actions proposed to increase effectiveness; <ul style="list-style-type: none"> (i) prevent fires, details of any fires onsite; (ii) measures taken to control pests and vermin; (iii) measures taken to suppress dust; (iv) measures taken to control wind blown waste; and (v) average compaction rates 	None specified
3.1.4	Complaints summary	None specified

Note 1: Forms are in Schedule 2

- 3.2.2 The Licensee shall ensure that the Annual Environmental Report also contains:
- (a) an assessment of the information contained within the report against previous monitoring results and Licence limits; and
 - (b) a list of any original monitoring reports submitted to the Licensee from third parties for the annual period and make these reports available on request.



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 requirement¹	Format or form²
2.1.1	Breach of any limit specified in the Licence	Part A: As soon as practicable but no later than 5pm of the next usual working day. Part B: As soon as practicable	N1
	Report on unauthorised fire and include; (i) Date, time and location of the fire (ii) The time the Fire Control Officer declared the fire safe; and (iii) The cause, or suspected cause of the fire.	As soon as practicable	None specified

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

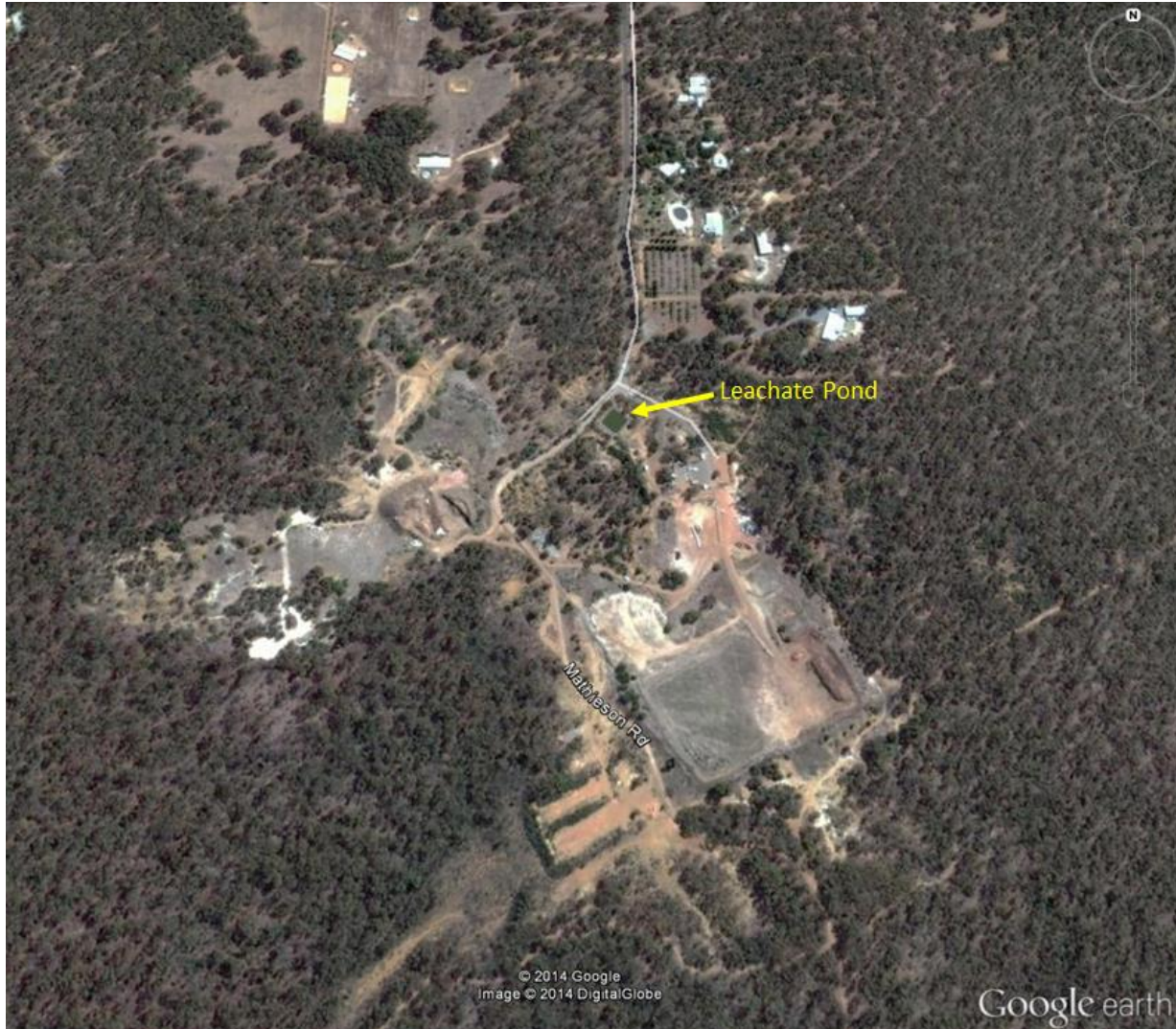
The Premises is shown in the maps below. The pink line depicts the Premises boundary.





Map of Leachate Pond

The leachate pond location is shown in the map below.





Schedule 2: Reporting & notification forms

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

ANNUAL AUDIT COMPLIANCE REPORT PROFORMA

SECTION A LICENCE DETAILS

Licence Number:	Licence File Number:
Company Name: Trading as:	ABN:
Reporting period: _____ to _____	

STATEMENT OF COMPLIANCE WITH LICENCE CONDITIONS

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

Yes Please proceed to Section C

No Please proceed to Section B

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

Initial:



SECTION B

DETAILS OF NON-COMPLIANCE WITH LICENCE CONDITION.

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

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

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

Initial:



SECTION C

SIGNATURE AND CERTIFICATION

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

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

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

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

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

SIGNATURE: _____

SIGNATURE: _____

NAME:
(printed) _____

NAME:
(printed) _____

POSITION: _____

POSITION: _____

DATE: ____/____/____

DATE: ____/____/____

SEAL (if signing under seal)



Licence: L8394/2009/3
 Form: N1

Licensee: Shire of Mundaring
 Date of breach:

Notification of detection of the breach of a limit.

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

Part A

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

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



Part B

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

Name	
Post	
Signature on behalf of Shire of Mundaring	
Date	



Decision Document

Environmental Protection Act 1986, Part V

Proponent: Shire of Mundaring

Licence: L8394/2009/3

Registered office: Shire of Mundaring
7000 Great Eastern Highway
MUNDARING WA 6073

Premises address: Mathieson Road Transfer Station
Sime Road
CHIDLOW WA 6556
Being Lots 142, 143, 150, 151 on Plan 222245 and Lot 500 on Plan 66844.

Issue date: Thursday, 12 June 2014

Commencement date: Saturday, 28 June 2014

Expiry date: Wednesday, 27 June 2035

Decision

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

Decision Document prepared by: Melissa Chamberlain
Licensing Officer

Decision Document authorised by: Alan Kietzmann
Delegated Officer



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1 Purpose of this Document

This decision document explains how the DER delegated officer has assessed and determined the application and provides a record of the 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	5,000 tonnes per annual period
	62	5,000 tonnes per annual period
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		
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"/>		
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 Mathieson Road transfer station is located within the Shire of Mundaring, approximately 43 km east of Perth. The Premises accepts Inert Waste Type 1, Contaminated Solid Wastes (suitable for Class 1 landfilling) and plastics for landfilling. Other waste types such as hazardous, putrescible, greenwaste and tyres are accepted for storage prior to removal. Recyclables are stored on site until quantities warrant transport to relevant commercial outlets. Putrescibles are transported to EMRC Redhill Landfill facility on a daily basis. Garden waste is stockpiled on site for regular mulching and transported off site. The green waste storage area is contained to divert leachate into a leachate pond. A total of no more than 2,000 m³ of mulch and greenwaste shall be stored at any one time.

The potential environmental issues associated with the premises are dust, wind-blown waste and contamination. The nearest sensitive residential receptor is located approximately 300m to the north of the transfer station. The area is zoned rural with the majority of surrounding land being vacant bushland. The premises is within 1,900 m of the Lake Leschenaultia catchment. The EPA guidance on separation distances between Industrial and Sensitive Land Uses (June 2005) recommends a separation of 150 m for inert landfills and 200 m for a waste depot from sensitive receptors; the premises meets the recommended separation distances for both activities.

This licence is the result of amendment initiated by DER to remove asbestos acceptance conditions following submission of an asbestos management plan by the Shire of Mundaring which confirmed asbestos is no longer accepted at the premises. Other minor amendments have been made in line with DER's current licensing process. Unless otherwise stated in the Decision Table, the risk profile of emissions from the activities occurring at the premises have not been reassessed as part of this amendment.



4 Decision table

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

DECISION TABLE			
Works Approval / Licence section	Condition number W = Works Approval L = Licence	Justification (including risk description & decision methodology where relevant)	Reference documents
General Conditions	L1.2.1-1.2.10	<p>Previous condition 1.2.1 has been removed as it is an explanatory statement and is not a valid or enforceable condition.</p> <p>Previous condition 1.2.2 has been removed as it is not sufficiently clear or certain, as the equipment referred to and maintenance schedule is not specified.</p> <p>Previous condition 1.2.3 has been removed as it inconsistently regulates for activities below prescribed category thresholds.</p> <p>Previous condition 1.2.4 has been removed as it is not sufficiently clear or certain. The requirements of this condition has been replicated in a more clear and certain manner in Table 1.3.2.</p> <p>Previous condition 1.2.5 has been removed as it is not sufficiently clear or certain. The onus is on the Licensee to ensure that any contaminated material is not discharged to the environment. Unauthorised discharges from a premises will be subject to the provisions of the <i>Environmental Protection (Unauthorised discharges) Regulations 2004</i>.</p>	Asbetsos Management Plan, Mathieson Road Transfer Station Shire of Mundaring, ASK Waste Management Consultancy Services (March 2016).



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		<p>This section has been renumbered</p> <p>Table 1.2.1 has been re-worded to provide more clarity, the requirements of the condition have not changed. Special Waste Type 1 has been removed as this waste type is not accepted at the premises. Greenwaste and tyre storage requirements have been moved to table 1.2.2.</p> <p>Condition 1.2.3 and Table 1.2.2 re-worded to provide more clarity. Special Waste Type 1 has been removed as this is no longer accepted at the premises. Requirements of previous condition 1.2.4 have been replicated in this table.</p> <p>The requirement to turn mulched stockpiles is removed as mulch is not stored at the premises. This condition is replaced with the requirement to ensure shredded greenwaste is removed from the premises within 2 weeks. This condition is risk assessed in the odour section below.</p> <p>The specification to remove putrescible waste regularly is unclear and unenforceable. This has been replaced with the requirement to remove putrescible waste on a daily basis which replicates the activities being undertaken at the premises. This condition is risk assessed in the odour section below.</p> <p>Previous process requirements in relation to tyres duplicated requirements elsewhere in the licence. Storage specifications previously located in table 1.2.1 have been moved to Table 1.2.2. Storage of more than 99 tyres at any one time triggers the threshold for category 57 prescribed premises.</p> <p>Table 1.2.3 has been amended to include the requirement to cover contaminated solid waste. This waste type was omitted in the previous licence.</p>	
Emissions general	N/A	Previous conditions 2.6.1, 2.6.2 and 2.7.1 are removed as fugitive dust and odour are regulated via other controls in the licence or through the provisions of section 49 of the	N/A



DECISION TABLE			
Works Approval / Licence section	Condition number W = Works Approval L= Licence	Justification (including risk description & decision methodology where relevant)	Reference documents
		<p><i>Environmental Protection Act 1986.</i> These emission are risk assessed in the relevant sections below.</p> <p>As there are no longer any conditions in section 2, condition 2.1.1 has been removed.</p>	
Fugitive emissions	N/A	<p><u>Emission Description</u> <i>Emission:</i> Dust emissions from the acceptance of waste and vehicle movements at the premises. <i>Impact:</i> Nuisance impacts on nearby receptors. The nearest residential receptor is approximately 300 m to the north. The majority of the surrounding area is vacant bushland. <i>Controls:</i> The premises is only open to the public Thursday to Sunday (4 days per week).</p> <p><u>Risk Assessment</u> <i>Consequence:</i> Insignificant <i>Likelihood:</i> Possible <i>Risk Rating:</i> Low</p> <p><u>Regulatory Controls</u> Given the risk assessment, fugitive emissions can be sufficiently regulated under the general provisions of the <i>Environmental Protection Act 1986</i>.</p> <p><u>Residual Risk</u> <i>Consequence:</i> Insignificant <i>Likelihood:</i> Possible <i>Residual Risk Rating:</i> Low</p>	<i>Environmental Protection Act 1986.</i>
Odour	L1.2.2	<p><u>Emission Description</u> <i>Emission:</i> Odour from acceptance and storage of putrescible and hazardous wastes, and mulching of green wastes. <i>Impact:</i> Nuisance impacts on nearby receptors. The nearest residential receptor is</p>	<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>approximately 300m to the north. The majority of the surrounding area is vacant bushland.</p> <p><i>Controls:</i> Putrescible wastes are removed from the premises the day they are received to reduce the potential for significant decomposition and therefore odour to occur. The premises is only open to the public Thursday to Sunday (4 days per week). Mulch is not stored at the premises, only shredded and removed.</p> <p><u>Risk Assessment</u> <i>Consequence:</i> Insignificant <i>Likelihood:</i> Possible <i>Risk Rating:</i> Low</p> <p><u>Regulatory Controls</u> Condition 1.2.2, Table 1.2.2 requires that putrescible waste is moved from the premises on a daily basis, and that shredded greenwaste is removed within 2 weeks.</p> <p>Odour emissions can otherwise be sufficiently regulated under the general provisions of the <i>Environmental Protection Act 1986</i>.</p> <p><u>Residual Risk</u> <i>Consequence:</i> Insignificant <i>Likelihood:</i> Possible <i>Residual Risk Rating:</i> Low</p>	
Monitoring of inputs and outputs	L3.1.1	Condition 3.1.1 requires the licensee to monitor waste inputs and outputs to determine compliance with Condition 1.3.1, Table 1.3.1.	
Information	L4.3.1	Previous condition 5.1.2 has been removed as the requirements for compliance are not clear. It is not a defence under the <i>Environmental Protection Act 1986</i> for a licensee or persons left in charge/performing tasks to claim they were unaware of licence conditions.	<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
		Condition 4.3.1 Table 4.3.1 has been amended to remove the requirement to notify any failure or malfunction of pollution control equipment as this replicates the requirements of section 72 of the <i>Environmental Protection Act 1986</i> .	
Licence Duration	N/A	The licence duration has been amended to 27 Jun 2035 in line with DER's Licence Duration Guidance Statement.	Department of Environment Regulation Guidance Statement, Licence Duration, November 2014 (revised May 2015).



5 Advertisement and consultation table

Date	Event	Comments received/Notes	How comments were taken into consideration
16/03/2016	Proponent sent a copy of draft instrument	No comments, waiver form was signed and returned to DER on 23/3/2016.	Licence amendment issued as soon as possible.



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