



Licence

Environmental Protection Act 1986, Part V

Licensee: Shire of Manjimup

Licence: L7007/1997/11

Registered office: 37-39 Rose Street
MANJIMUP WA 6258

Premises address: Manjimup Recycling and Refuse Centre
62 Ralston Road
RINGBARK WA 6258
Being Lot 501 on Plan 403155 as depicted in Schedule 1.

Issue date: Friday, 19 June 2015

Commencement date: Saturday, 27 June 2015

Expiry date: Friday, 26 June 2020

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
13	Crushing of building material: premises on which waste building or demolition material (for example, bricks, stones or concrete) is crushed or cleaned	1000 tonnes or more per year	10,000 tonnes per annual period
61A	Solid waste facility: premises (other than premises within category 67A) on which solid waste produced on other premises is stored, reprocessed, treated, or discharged onto land.	1000 tonnes or more per year	20,000 tonnes per annual period
62	Solid waste depot: premises on which waste is stored, or sorted, pending final disposal or reuse.	500 tonnes or more per year	20,000 tonnes per annual period
64	Class II or III putrescible landfill site: premises on which waste (as determined by reference to the waste type set out in the document entitled "Landfill Waste Classification and Waste Definition 1996" published by the Chief Executive Officer and as amended from time to time) is accepted for burial.	20 tonnes or more per year	50,000 tonnes per annual period



Conditions

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

Date signed: 17 March 2016

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Caron Goodbourn

A/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 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 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 Manjimup Recycling and Refuse Centre (RRC), operated under contract for the Shire of Manjimup, is located about 3 kilometres north east of the Manjimup town centre. The RRC serves the local Shire of Manjimup catchment including the towns of Pemberton and Northcliffe and is expected to continue landfilling until about 2045.

The nearest environmental and human health receptors located within half a kilometre of the Premises include dams, creeks, groundwater, residences and the Manjimup Trotting Club.

The RRC operates the following prescribed activities:

- Crushing of building material: small volumes of construction and demolition waste are crushed at the premises for use as road base at the Premises and landfill cover material;
- Solid waste facility: green waste is reprocessed (mulched) to provide intermediate cover of inactive landfill areas and serves to reduce erosion of embankments;
- Solid waste depot: storage and sorting of waste prior to reuse, recycling or disposal; and
- Class II putrescible landfill site: disposal of waste to by landfilling.

The main risk of emissions to the environment from the Premises is from leachate migrating from the unlined landfill. Local soil samples indicate high clay content at the site. Available information does not allow the depth of clay to be determined, permeability results available are in the range of 4.2×10^{-8} to 6.0×10^{-10} m/sec. Stormwater is fully contained within the Premises via a series of three large clay lined ponds located within the south east portion of the Premises. The ponds have reportedly never overtopped. If hydraulic loads within the ponds were to require further management the Shire of Manjimup proposes to irrigate the wastewater over the active landfill area.

Other potential emissions of concern are dust and noise from the crushing activities. Crushing is undertaken within the central area of the active landfill more than half a kilometre from any sensitive receptors.

This Licence is for an amendment to Licence L7007/1991/11 (issued 21/03/2016) following an application from the Shire of Manjimup to amend the final contours on part of the final landfill profile. Approval for a slope of between 20° and 30° on part of the final landfill contour with additional requirements for managing the risk of erosion and slumping is granted. Additional administrative amendments have also been made. The licences and works approvals issued for the Premises since 25/06/2010 are:



Instrument log		
Instrument	Issued	Description
L7007/1991/10	25/06/2010	Licence reissue
L7007/1991/11	19/06/2015	Licence reissue, conversion to REFIRE
W5892/2015/1	29/10/2015	Works approval issued, liquid waste facility
L7007/1991/11	21/03/2016	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*;

'active landfill area' means the area on the Premises approved for the burial of waste, as defined and labelled on the Premises Map in Schedule 1;

'AHD' means the Australian height datum;

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

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

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

'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;

'asbestos fibres' has the meaning defined in the document Department of Health 2009, *Guidelines for the Assessment, Remediation and Management of Asbestos-Contaminated Sites in Western Australia*, Government of Western Australia;

'Asbestos Management Plan' means the document referred to under condition 4.1.1;

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

'BGL' means below ground level;

'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

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

'clean fill' has the meaning defined in Landfill Definitions;



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

'contaminated solid 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.

'drumMUSTER products' means containers that are eligible for the drumMUSTER recycling program, being containers which contain the drumMUSTER logo and have no chemical residue;

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

'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;

'green waste burning area' means the area specifically designed for the safe storage and burning of green waste at the Premises as depicted in Schedule 1;

'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.

'landfill guideline' means the document titled "Best practice environmental management siting, design, operation and rehabilitation of landfills" published by the Environmental Protection Authority Victoria, October 2014;

'Licence' means this Licence numbered L7007/1991/11 and issued under the Act;

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

'NATA' means the National Association of Testing Authorities, Australia;

'NATA accredited' means in relation to the analysis of a sample that the laboratory is NATA accredited for the specified analysis at the time of the analysis;

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

'putrescible' has the meaning defined in Landfill Definitions;

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

'rehabilitation' means the completion of the engineering of a landfill cell and includes capping and final cover;

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

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



'six monthly' means the 2 inclusive periods from 1 January to 30 June and 1 July to 31 December in the annual period;

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

'special waste type 1' has the meaning defined in Landfill Definitions;

'special waste type 2' has the meaning defined in Landfill Definitions;

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

'storage ponds' mean the three ponds used for the receipt of containment of all stormwater and contaminated or potentially contaminated stormwater at the Premises as depicted in Schedule 1;

'tipping area' means the location within the active landfill area of the Premises where waste is currently brought for burial;

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

'waste code' means the Waste Code assigned to a type of controlled waste for purposes of waste tracking and reporting as specified in the document titled "Controlled waste category list" published by the Department of Environment Regulation, as amended from time to time.

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 in the Licence means the version of that guideline in force from time to time, and shall include any amendments or replacements to that guideline made during the term of this Licence.

1.2 General conditions

1.2.1 The Licensee shall direct all contaminated or potentially contaminated stormwater to the storage ponds.

1.3 Premises operation

1.3.1 The Licensee shall record and investigate the exceedance of any descriptive or numerical limit specified in any part of section 1.3 of this Licence

1.3.2 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	Waste code	Quantity limit tonnes/ annual period	Specification¹
Inert Waste Type 1	Not applicable	Total of up to 10,000 tonnes per annual period for wastes accepted under category 13	Waste containing visible asbestos or ACM shall not be accepted.



Putrescible waste	Not applicable	Total of up to 20,000 tonnes per annual period for wastes accepted under category 61A	Limited to green waste only
Inert Waste Type 2	T140 (used tyres); not applicable for other wastes	Combined total of up to 20,000 tonnes per annual period for wastes accepted under category 62 for sorting and storage	None specified
Hazardous waste	J100 (waste oil); F120 and F100 (paint); D221 (used lead acid batteries); not applicable for other wastes		Limited to: i) Waste oil; ii) Paint; and iii) Batteries.
Recyclable waste	Not applicable		Limited to recyclable items including: drumMUSTER products; electronic items; glass; plastic; metal; timber; whitegoods; and general kerbside recyclables.
Clean Fill	Not applicable		None specified
Contaminated Solid Waste	Not applicable	Combined total of up to 50,000 tonnes per annual period for wastes accepted under category 64 for landfilling	Shall meet the Class II Landfill Definitions acceptance criteria
Inert Waste Type 1	Not applicable		Waste containing visible asbestos or ACM shall not be accepted.
Inert Waste Type 2	Not applicable		Shall meet the Class II Landfill Definitions acceptance criteria
Putrescible waste	Not applicable		Shall meet the Class II Landfill Definitions acceptance criteria
Special Waste Type 1	N220 (asbestos)		Only wrapped asbestos shall be accepted.
Special Waste Type 2	R100 (clinical and related wastes)		Any discrepancy between waste declared and waste received noted in writing

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*.

1.3.3 The Licensee shall ensure that where waste does not meet the waste acceptance criteria set out in condition 1.3.2 it is immediately removed from the Premises.

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

Table 1.3.2: Waste processing		
Waste type	Process(es)	Process limits ^{1,2}
All waste types	Receipt, handling, associated storage and disposal of waste by landfilling	<p>Disposal of waste by landfilling shall only take place within the active landfill area as depicted in Schedule 1.</p> <p>No waste shall be temporarily stored, treated, processed, disposed of or landfilled within 35 metres from the boundary of the Premises.</p> <p>The landfill tipping area shall:</p> <ul style="list-style-type: none"> not be exposed with a vertical face exceeding two metres. not be exposed with a horizontal face exceeding 30 metres. <p>Waste is levelled and compacted as soon as practicable after it is discharged;</p> <p>Waste is placed and compacted to ensure all faces are stable and capable of retaining rehabilitation material.</p>



Inert Waste Type 1	Receipt, handling and storage of waste prior to mechanical treatment consisting only of screening, crushing and cleaning.	In accordance with the Asbestos Management Plan.
Clean Fill	Receipt, handling, associated storage and disposal of waste by landfilling	None specified
Contaminated Solid Waste		None specified
Inert Waste Type 1		None specified
Putrescible waste		Disposed of to landfill the day of acceptance. Only green waste may be burnt and in accordance with condition 1.3.12
Special Waste Type 1		Only to be disposed of into designated asbestos and clinical waste disposal areas within the landfill;
Special Waste Type 2		Not to be deposited within two metres of the final tipping surface of the landfill; and No works shall be carried out on the landfill that could lead to a release of asbestos fibres or clinical waste. In accordance with the Asbestos Management Plan.
Inert Waste Type 2	Receipt, handling or storage prior to disposal or transfer off-Premises	Less than 100 tyres shall be stored on the Premises at any one time; Tyres shall only be stored in a designated area with a minimum separation distance of six metres from any flammable material.
Hazardous waste		Waste oil shall only be stored within the designated waste oil receptacle and drums containing waste oil within an area fully enclosed by a bund. Paint and vehicle batteries shall only be stored within an area fully enclosed by a bund. Paint shall not be disposed of at the Premises in liquid form.
Recyclable waste		No waste shall be temporarily stored within 35 metres from the boundary of the Premises.

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*.

1.3.5 The Licensee shall manage the landfilling activities to ensure:

- (a) waste is placed and compacted to ensure that the final landfill profile including capping does not exceed the limits specified in Table 1.3.3; and
- (b) rehabilitation of a cell or phase takes place within 6 months after disposal in that cell or phase has been completed.

Table 1.3.3: Final landfill profile	
Landfill profile section (as specified in the Premises landfill map of Schedule 1)	Limits
Sections I13-18, J13 and K13 (as depicted in the Premises landfill map of Schedule 1)	(i) Final landfill profile including capping does not exceed a slope steeper than 30 degrees. (ii) Stormwater and engineering controls must be constructed to ensure that the final landfill profile is not subject to erosion and the final landfill profile is structurally stable and does not fail.
All other sections	(iii) Final landfill profile including capping does not exceed a slope steeper than 20 degrees.



- 1.3.6 The Licensee shall ensure that cover is applied and maintained on landfilled wastes in accordance with Table 1.3.4 and that sufficient stockpiles of cover are maintained on site at all times.

Table 1.3.4: Cover requirements ¹			
Waste type	Cover material	Depth	Timescales
Special Waste Type 1	Type 1 Inert waste or clean fill	300mm	As soon as practicable after deposit and prior to compaction, no later than the end of the working day
Special Waste Type 2			Immediately
Inert Waste Type 2		100 mm	By the end of the working day in which the waste was deposited. Plastic waste with the potential to become windblown shall be covered as soon as practicable after deposit.
Clean fill and Inert Waste Type 1	No cover required		
All other wastes	Type 1 Inert waste or clean fill	150 mm	Continuous cover techniques, no later than the end of the working day

Note 1: Additional requirements for final cover of tyres are set out in Part 6 of the *Environmental Protection Regulations 1987*.

- 1.3.7 The Licensee shall ensure that the asbestos content of any recycled output originating from construction and demolition waste does not exceed the contamination limits specified in Table 1.3.5.

Table 1.3.5: Recycled output contamination limits		
Output	Parameter	Limit
Recycled Inert Waste Type 1 and construction and demolition waste	Asbestos (in any form)	0.001%w/w

- 1.3.8 The Licensee shall ensure that recycled outputs originating from construction and demolition waste are sampled and tested in accordance with Table 1.3.6.

Table 1.3.6: Recycled output sampling and testing			
Output	Parameter	Limit	Method
Recycled Inert Waste Type 1 and construction and demolition waste	Asbestos (in any form)	0.001%w/w	In accordance with the DER Asbestos Guidelines.

- 1.3.9 The Licensee shall implement the following security measures at the site:
- erect and maintain 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.

- 1.3.10 The Licensee shall install and maintain a sign at the entrance to the Premises which clearly displays the following information:

- hours of operation;
- contact telephone number;
- a warning indicating penalties for people lighting fires; and
- types of waste accepted.

- 1.3.11 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.



- 1.3.12 The Licensee shall ensure that green waste is only burnt if:
- (a) burning takes place in the designated green waste burning area as depicted in Schedule 1;
 - (b) a fire break of no less than five metres shall be maintained around the green waste burning area;
 - (c) burning takes place only when appropriate procedures are in place at the Premises so that burning can be undertaken in a safe and controlled manner; and
 - (d) burning is undertaken in a manner that minimises smoke emissions.
- 1.3.13 The Licensee shall implement control measures to prevent infestations of pests, flies and vermin at the Premises.
- 1.3.14 The Licensee shall manage the storage ponds such that:
- (a) overtopping of the storage ponds does not occur;
 - (b) a freeboard equal to, or greater than, 500mm is maintained;
 - (c) there is no discernible seepage loss from the storage ponds; and
 - (d) the integrity of the storage pond clay liners is maintained.

2 Monitoring

2.1 General monitoring

- 2.1.1 The Licensee shall ensure that:
- (a) all water samples are collected and preserved in accordance with AS/NZS 5667.1;
 - (b) all groundwater sampling is conducted in accordance with AS/NZS 5667.11;
 - (c) all laboratory samples are submitted to and tested by a laboratory with current NATA accreditation for the parameters being measured unless indicated otherwise in the relevant table.
- 2.1.2 The Licensee shall ensure that:
- (a) quarterly monitoring is undertaken at least 45 days apart; and
 - (b) six monthly monitoring is undertaken at least 5 months apart.
- 2.1.3 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.
- 2.1.4 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 Table 2.2.1.



Table 2.2.1: Monitoring of inputs and outputs				
Input/ Output	Parameter	Units	Averaging period	Frequency
Waste inputs	Clean fill; contaminated solid waste; green waste; hazardous waste; inert waste type 1; inert waste type 2; putrescible waste; recyclable waste; special waste type 1; and special waste type 2.	Tonnes (where a weighbridge is present) m ³ (where no weighbridge is present)	Annual period	Continuous (each load arriving at Premises)
Waste outputs	Waste type as defined in the Landfill Definitions			Continuous (each load leaving or rejected from the Premises)

2.3 Process monitoring

2.3.1 The Licensee shall undertake the monitoring in Table 2.3.1 according to the specifications in Table 2.3.1.

Table 2.3.1: Process monitoring					
Monitoring point reference	Process description	Parameter	Units	Frequency	Method
Material crushed and/ or screened	Inert Waste Type 1 and construction and demolition waste crushed and/ or screened	Volume	Tonnes	Continuous	None specified
Green waste mulched	Green waste mulched for intermediate cover material	Volume	Tonnes	Continuous	None specified

2.4 Ambient environmental quality monitoring

2.4.1 The Licensee shall undertake the monitoring in Table 2.4.1 according to the specifications in Table 2.4.1.

Table 2.4.1: Monitoring of ambient groundwater quality				
Monitoring point reference and location	Parameter	Units	Averaging period	Frequency
MAN1, MAN2 and MAN3	Dissolved oxygen ¹	mg/L	Spot sample	Quarterly
	Electrical conductivity ¹	µS/cm		
	Oxidation/ reduction potential ¹	mV		
	pH ¹	-		
	Standing water level ¹	m(AHD) and mBGL		
	Biochemical oxygen demand; Chloride, fluoride, potassium, sulfate; Total metals: aluminium, arsenic, cadmium, chromium, copper, iron, lead, manganese, mercury, nickel, zinc; Total dissolved solids; Total nitrogen, nitrate-nitrogen, nitrite-nitrogen, ammonia-nitrogen; and Total phosphorus, phosphate.	mg/L		Six monthly

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



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.

Improvement reference	Improvement	Date of completion
IR1	The Licensee shall prepare and submit in writing to the CEO an Asbestos Management Plan that is consistent with the DER Asbestos Guidelines. As a minimum the Asbestos Management Plan shall include; (a) Standard operational procedures for the pre-acceptance and acceptance of waste and how any asbestos detected on site will be managed; (b) Identification of each person's roles and responsibilities under the AMP; and (c) Procedures for detailing incidents or emergencies associated with asbestos.	31/08/2015
IR2	The Licensee shall prepare and submit in writing to the CEO a post closure management plan (PCMP) for the Premises. The submission shall include: (a) An assessment of the PCMP against the landfill guideline; and (b) Include justification where the PCMP deviates from the standards within the landfill guideline.	31/12/2016

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 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.
- 4.1.3 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.



- 4.1.4 The Licensee shall maintain a register of Special Waste Type 1 and Special Waste Type 2 disposed of at the Premises which shall include:
- (a) a plan showing the position of Special Waste Type 1 and Special Waste Type 2 disposed of at the Premises;
 - (b) the contact details and vehicle registrations of persons or operators bringing Special Waste Type 1 and Special Waste Type 2 to the site for disposal and record the individual volumes disposed; and
 - (c) the signatures of the Licensee representative witness to the burial of Special Waste Type 1 or Special Waste Type 2 to attest that the burial has been in accordance with the relevant legislative requirements.

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 Table 4.2.1.

Table 4.2.1: Annual Environmental Report		
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
Condition 1.3.8, Table 1.3.6	Summary of all recycled output sampling and testing data which shall include: a) All asbestos monitoring data in a table format for the annual period; and b) comment on any limit exceeded and subsequent management actions.	None specified
2.1.4	Calibration report	None specified
Condition 2.2.1, Table 2.2.1	Summary of all inputs and outputs monitoring data which shall include: c) data in a table format for the annual period; and d) comment on annual input and output volumetric trends.	None specified
Condition 2.3.1, Table 2.3.1	Summary of all monitoring data for process monitoring (green waste mulched) which shall include: a) data in a table format for the annual period; b) comment on annual volumetric trends.	None specified
Condition 2.4.1, Table 2.4.1	Summary of all monitoring data for ambient groundwater quality which shall include: a) data in a table format for the annual period; b) data in graphical format for trend analysis to include at least the last four years data where available; and c) an assessment of ambient groundwater quality monitoring data for the risk of emissions.	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

- 4.2.2 The Licensee shall submit the information in Table 4.2.2 to the CEO according to the specifications in Table 4.2.2.



Table 4.2.2: Non-annual reporting requirements				
Condition or table (if relevant)	Parameter	Reporting period	Reporting date (after end of the reporting period)	Format or form
-	Copies of original monitoring reports submitted to the Licensee by third parties	Not Applicable	Within 14 days of the CEOs request	As received by the Licensee from third parties

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 Table 4.3.1.

Table 4.3.1: Notification requirements			
Condition or table (if relevant)	Parameter	Notification requirement¹	Format or form²
-	The recirculation and irrigation of wastewater from the storage ponds over the active landfill area.	At least six months prior to any irrigation taking place.	In writing
Condition 1.3.9	The date, ignition and extinguishment time, cause and location of any unauthorised fires on the Premises	Within 14 days of the fire	In writing
	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

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

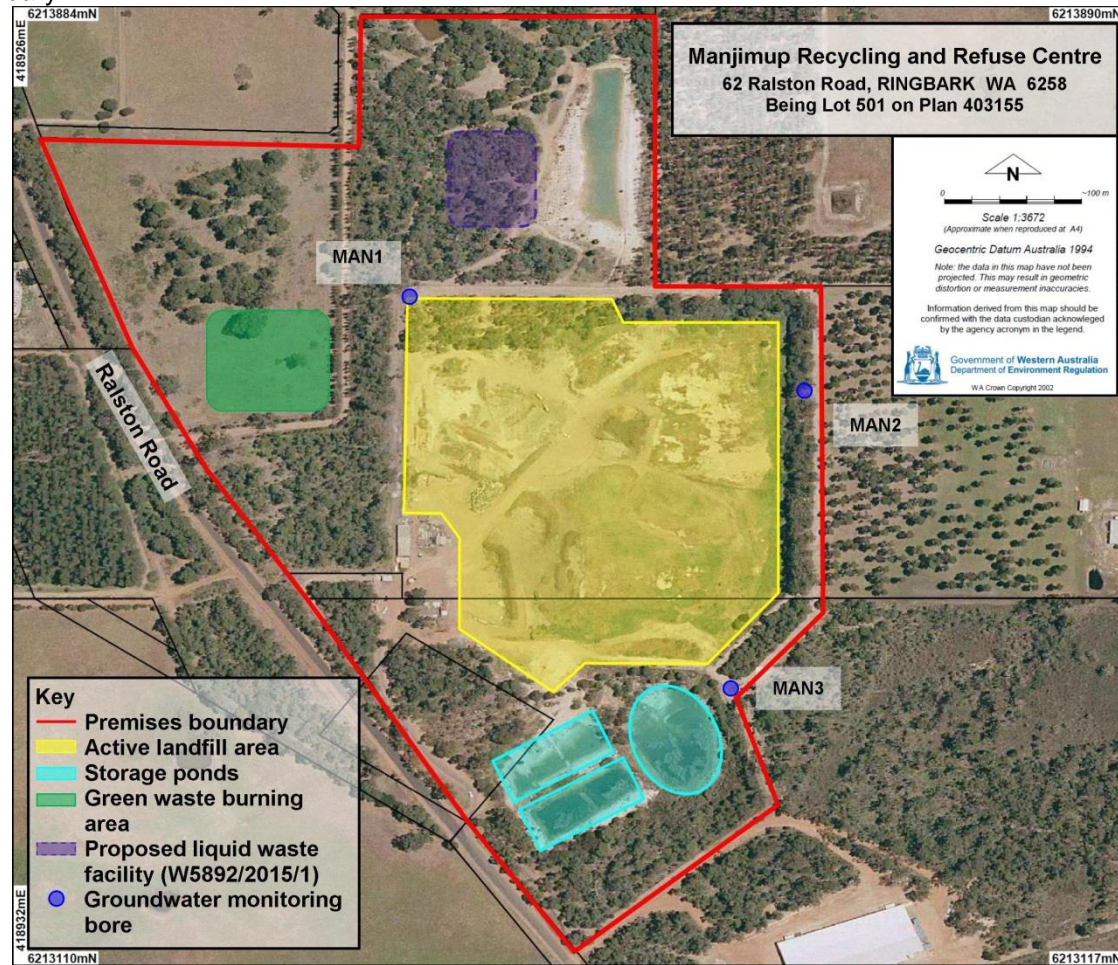
Note 2: Forms are in Schedule 2



Schedule 1: Maps

Premises map

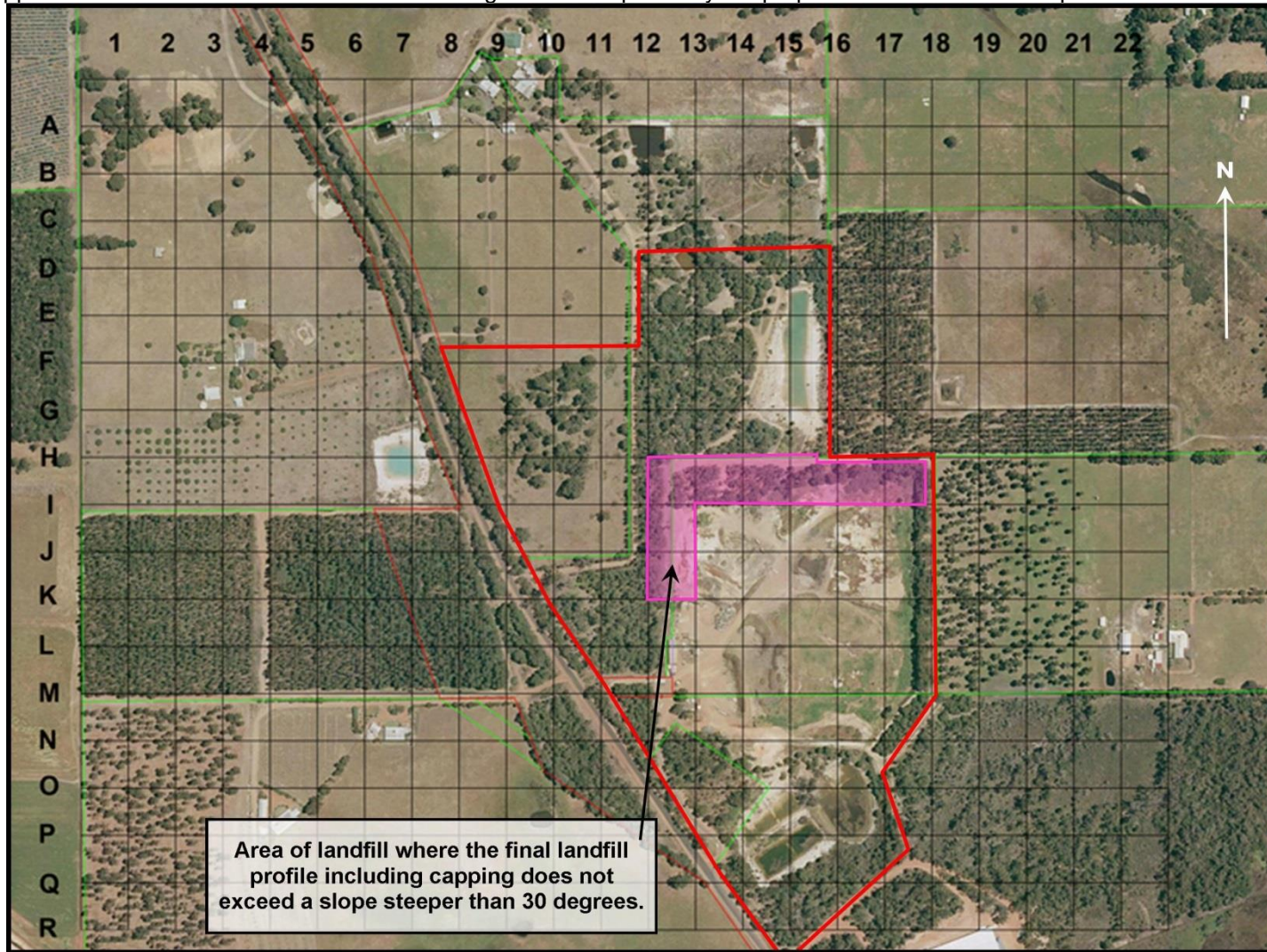
The Premises, location of some containment infrastructure and location of the monitoring points defined in Table 2.4.1 is shown in the map below. The red line depicts the Premises boundary.





Premises landfill map

The area where approval for an elevated final landfill contour is granted is depicted by the purple area. The red line depicts the Premises boundary.





Schedule 2: Reporting & notification forms

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

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

- 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: L7007/1991/11
Form: N1

Licensee: Shire of Manjimup
Date of breach:

Notification of detection of the breach of a limit or any failure or malfunction of any pollution control equipment or any incident which has caused, is causing or may cause pollution.

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 Manjimup	
Date	



Decision Document

Environmental Protection Act 1986, Part V

Proponent: Shire of Manjimup

Licence: L7007/1997/11

Registered office: 37-39 Rose Street
MANJIMUP WA 6258

ACN: None applicable

Premises address: Manjimup Recycling and Refuse Centre
62 Ralston Road
RINGBARK WA 6258
Being Lot 501 on Plan 403155 as depicted in Schedule 1.

Issue date: Friday, 19 June 2015

Commencement date: Saturday, 27 June 2015

Expiry date: Friday, 26 June 2020

Date of Amendment: Monday, 21 March 2016

Decision

Based on the assessment detailed in this document the Department of Environment Regulation (DER), has decided to issue a 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: Peter van Schoubroeck
Licensing Officer

Decision Document authorised by: Caron Goodbourn
Delegated Officer



Contents

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1 Purpose of this Document	2
2 Administrative summary	3
3 Executive summary of proposal and assessment	4
4 Decision table	5
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6 Risk Assessment	12

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
	13	10,000 tonnes per annual period
	61A	20,000 tonnes per annual period
	62	20,000 tonnes per annual period
	64	50,000 tonnes per annual period
Application verified	Date: 31/03/2015	
Application fee paid	Date: 08/05/2015	
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	None applicable	
Is the proposal a Major Resource Project?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Was the proposal referred to the Environmental Protection Authority (EPA) under Part IV of the <i>Environmental Protection Act 1986</i> ?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Is the proposal subject to Ministerial Conditions?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
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 checked="" type="checkbox"/>	No <input type="checkbox"/>
Is the Premises within an Environmental Protection Policy (EPP) Area	Yes <input checked="" 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 Manjimup Recycling and Refuse Centre (RRC), operated under contract for the Shire of Manjimup, is located about three kilometres north east of the Manjimup town centre. The RRC serves the local Shire of Manjimup catchment including the towns of Pemberton and Northcliffe and is anticipated to continue landfilling until about 2045.

The RRC is located:

- Adjacent to priority and general agricultural areas, as zoned under the Shire of Manjimup local planning scheme;
- Within the Donnelly River Water Reserve *Country Areas Water Supply Act 1947* public drinking water source area, status 'priority not assigned'; and
- Within the Donnelly River System *Rights in Water and Irrigation Act 1914* surface water area.

Potential sensitive receptors in the vicinity of the RRC include:

- A surface water body located about 400 metres (m) to the south west of the Premises along the Ringbark Brook;
- Nearby private dams;
- Yanmah Brook located about 400 m northeast of the Premises;
- Groundwater located between about 3 to 10 m BGL adjacent the active landfill area;
- Residences located about 500 m to the west and northwest of the Premises and about 250 m east of the Premises; and
- The Manjimup trotting club located on the adjacent lot to the southeast.

The RRC operates the following prescribed activities:

- Crushing of building material: small volumes of construction and demolition waste are crushed at the premises for use as road base at the Premises and landfill cover material;
- Solid waste facility: green waste is reprocessed (mulched) to provide intermediate cover of inactive landfill areas and serves to reduce erosion of embankments;
- Solid waste depot: storage and sorting of waste prior to reuse, recycling or disposal; and
- Class II putrescible landfill site: disposal of waste to by landfilling.

The main risk of emissions to the environment from the Premises is from leachate migrating from the unlined landfill. Local soil samples indicate high clay content at the site. Available information does not allow the depth of clay to be determined, permeability results available are in the range of 4.2×10^{-8} to 6.0×10^{-10} m/sec. Stormwater is fully contained within the Premises via a series of three large clay lined ponds located within the south east portion of the Premises. The ponds have reportedly never overtopped. If hydraulic loads within the ponds were to require further management the Shire of Manjimup proposes to irrigate the wastewater over the active landfill area.

Other potential emissions of concern are dust and noise from the crushing activities. Crushing is undertaken within the central area of the active landfill more than half a kilometre from any sensitive receptors

This Decision Documents is for an amendment to Licence L7007/1991/11 (issued 21/03/2016) requested by the Licensee to increase the final slope profile of part of the final landfill contour.

Amendments made to the licence, including administrative changes, are:

- (i) Updating the description of the premises location following gazettal;
- (ii) Updating contact details within the definitions;
- (iii) Deleting redundant definitions not used in the Licence;
- (iv) Deleting redundant conditions and text within the Licence;
- (v) Amending the stormwater management condition;
- (vi) Deleting the reference to 'target';
- (vii) Amendment to Condition 1.3.5 regarding the final landfill profile;
- (viii) Deleting condition sections which are covered by Section 72 of the Act; and
- (ix) Renumbering conditions in chronological order.



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
Interpretation	L1.1.2 and L1.1.4	<p>Operation Amendment to Licence conditions include:</p> <ul style="list-style-type: none"> Condition 1.1.2 amended to update contact details for DER and to remove definitions of terms not used in the amended licence. Condition 1.1.4 amended to remove the reference to 'code of practice'; no code of practice is referred to in the licence. 	General provisions of the <i>Environmental Protection Act 1986</i>
General conditions	L1.2.1	<p>Operation Amendment to Licence conditions include:</p> <ul style="list-style-type: none"> Conditions 1.2.1, 1.2.2, 1.2.3, 1.2.4 and 1.2.6 in the previous licence version have been deleted. The conditions are considered redundant. Condition 1.2.1 (being condition 1.2.5 in the previous licence version) has been amended to remove the redundant part (a) of the condition. 	General provisions of the <i>Environmental Protection Act 1986</i>
Premises operation	L1.3.1 and L1.3.5	<p>Operation Amendment to Licence conditions include:</p> <ul style="list-style-type: none"> Condition 1.3.1 has been amended to remove the reference to 'target'; there are no targets in section 1.3 of the Licence. Condition 1.3.5 has been amended to grant approval for the specified sections of the landfill, requested by the Licensee, to have a final profile of up to 30 degrees. Additional controls have also been required to ensure that the elevated landfill profile in these sections is not subject to erosion or structural instability. A risk assessment is detailed below. All conditions have been renumbered chronologically as required. 	General provisions of the <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
Premises operation (cont.)		<p><u>Emission description:</u> <i>Emission:</i> Erosion and structural failure of the final landfill profile can result in putrescible waste being exposed with dust, odour, wind-blown waste and contaminated water (leachate) emissions possible. <i>Impact:</i> (1) Interference with the health, welfare, convenience, comfort or amenity of sensitive commercial and residential receptors, which are located between 250 and 500 metres from the premises. (2) Increased contaminant loads in stormwater runoff and into groundwater. <i>Controls:</i> Landfill operations at the Premises use a continuous cover method. Steeper final profiles will require consideration of additional structural controls. The Shire of Manjimup is currently developing a post closure management plan to ensure the risks are adequately addressed. All stormwater from the landfill is directed to the storage ponds. Asbestos is disposed of in a separate part of the landfill.</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> Condition 1.3.5 specified the sections of the landfill where approval for the final landfill profile to be between 20-30 degrees is granted. In addition the condition specifies that additional stormwater and engineering controls must be constructed to ensure the risk of erosion and structural failure are controlled. These controls will be reviewed as part of the post closure planning process and additional controls may be specified by DER if the controls used by the Licensee are found to not adequately control the risk.</p> <p><u>Residual risk assessment:</u> <i>Consequence:</i> Moderate <i>Likelihood:</i> Unlikely <i>Risk Rating:</i> Moderate</p>	



DECISION TABLE			
Works Approval / Licence section	Condition number W = Works Approval L= Licence	Justification (including risk description & decision methodology where relevant)	Reference documents
Emissions general	L2.1.1	Operation Amendment to Licence conditions include: <ul style="list-style-type: none">• Condition 2.1.1 in the previous licence version has been deleted. There are no conditions or sections within the Licence specifically for 'Emissions'.• Sections 2.2-2.5 and 2.8 have been deleted, there are no specified conditions.	General provisions of the <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
Fugitive emissions	N/A	<p>Operation</p> <p><u>Emission description:</u> <i>Emission:</i> Dust generated from vehicle movements during the placement and transfer of waste management activities and from exposed areas of soil and clean fill during normal operations is possible. Smoke from the periodic burning of green waste can also occur. <i>Impact:</i> Reduced local air quality from airborne particulates and the interference with the health, welfare, convenience, comfort or amenity of sensitive commercial and residential receptors, which are located between 250 and 500 metres from the premises. <i>Controls:</i> Vehicle speed restrictions, controlled access, partially sealed roads, access to water carts.</p> <p><u>Risk assessment:</u> <i>Consequence:</i> Minor <i>Likelihood:</i> Possible <i>Risk Rating:</i> Moderate</p> <p><u>Regulatory Controls:</u> It is considered that the provisions of Section 49 of the <i>Environmental Protection Act 1986</i> are sufficient to regulate dust and smoke emissions. Condition 1.3.12 provides additional operation controls for the burning of green waste. Conditions 2.6.1 and 2.6.2 in the previous licence version have been deleted.</p> <p><u>Residual risk assessment:</u> <i>Consequence:</i> Minor <i>Likelihood:</i> Unlikely <i>Risk Rating:</i> Low</p>	General provisions of the <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
Odour	N/A	<p>Operation</p> <p><u>Emission description:</u> <i>Emission:</i> Odour may be generated from the acceptance, storage, movement and disposal of putrescible waste. <i>Impact:</i> Interference with the health, welfare, convenience, comfort or amenity of sensitive commercial and residential receptors, which are located between 250 and 500 metres from the premises. <i>Control:</i> Maintenance of the putrescible waste under normal operating conditions has proved effective to control odour emissions. Historically under normal operating conditions odour emissions have not resulted in complaints.</p> <p><u>Risk Assessment:</u> <i>Consequence:</i> Minor <i>Likelihood:</i> Unlikely <i>Risk Rating:</i> Moderate</p> <p><u>Regulatory controls:</u> It is considered that the provisions of Section 49 of the <i>Environmental Protection Act 1986</i> are sufficient to regulate odour emissions. Condition 2.7.1 in the previous licence version has been deleted.</p> <p><u>Residual Risk:</u> <i>Consequence:</i> Minor <i>Likelihood:</i> Unlikely <i>Risk Rating:</i> Moderate</p>	General provisions of the <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
Monitoring general	L2.1	Operation Amendment to Licence conditions include: <ul style="list-style-type: none">• All conditions were renumbered chronologically.• Sections 3.2-3.5 and 3.9 in the previous licence version have been deleted, there are no specified conditions.	General provisions of the <i>Environmental Protection Act 1986</i>
Information	L4.3.1	Operation Amendment to Licence conditions include: <ul style="list-style-type: none">• Condition 5.1.2 in the previous licence version has been deleted. The condition is considered redundant.• All conditions were renumbered chronologically.• Condition 4.3.1 (being condition 5.3.1 in the previous licence version) has been amended to remove the notification provisions which are covered by Section 72 of the Act.	General provisions of the <i>Environmental Protection Act 1986</i>
Licence Duration	N/A	Operation The amendments undertaken do not require reassessment of the Licence duration. The Licence expires on 26 June 2020.	General provisions of the <i>Environmental Protection Act 1986</i>



5 Advertisement and consultation table

Date	Event	Comments received/Notes	How comments were taken into consideration
18/05/2015	Application advertised in West Australian (or other relevant newspaper)	None	None applicable
10/02/2016	Proponent sent a copy of draft instrument	Waiver signed, none applicable	None applicable
21/03/2016	Instrument was advertised in West Australian		



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