



Licence

Environmental Protection Act 1986, Part V

Licensee: **Shire of Wiluna**

Licence: **L7023/1997/11**

Registered office: Shire of Wiluna
 Lot 1486 Scotia Street
 WILUNA WA 6646

Premises Address: Wiluna Refuse Disposal Site
 Reserve 8384, Rubbish Tip Road
 WILUNA WA 6646
 as depicted in Schedule 1

Issue date: Thursday, 18 February 2016

Commencement date: Wednesday, 24 February 2016

Expiry date: Saturday, 23 February 2036

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
64	Class II putrescible 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.	20 tonnes or more per year	Not more than 5 000 tonnes per annual period

Conditions of licence

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

Date signed: 18 February 2016

.....
 Steve Checker
 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.

Other Guidelines which you should be aware of include:

- *Western Australian Guidelines for Biosolids Management*, Department of Environment and Conservation, December 2012 (as amended from time to time).

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 Wiluna Refuse Disposal Site is located in the Northern Goldfields Region of Western Australia and is approximately 957km north-east of Perth. The facility is located approximately 1.5km south-east of the Wiluna town site (nearest sensitive premises) and is located on Reserve 8384 Rubbish Tip Road Wiluna. The Shire covers an area of 184,000 square kilometres. The Shire has a population of approximately 1,241 whilst the town of Wiluna has a population of 284. Metal ore mining and other mining support services are the largest employment type in the Shire.

The facility operates as a Category 64 Putrescible Landfill site to the south-west of town. The site is unmanned with twice weekly inspections being carried out to monitor conditions onsite. The nearest residence is approximately 1.2km from the site with the closest town residences 1.5km away. The source of waste received includes domestic and septic waste from town site properties and local mine site. The septic tank waste is managed through a series of unlined shallow trenches, where the high evaporation rate locally allows quick drying of the waste and thereby the removal of the dry sludge to landfill (putrescible cell) in a short space of time. The disposal trenches are securely fenced to restrict access to liquid salvage operators only.

This Licence is the successor to licence L7023/1997/11 and includes changes as required to reflect current templates. Based on the information available to DER at the time of the renewal, DER is not aware of any changes at the premises that would alter the risk profile for emissions and discharges since the previous licence was granted.

The licences issued for the Premises since 2005 are:

Instrument Log		
Instrument	Issued	Description
L7023/1997/8	14/03/2005	Licence re-issue – short term licence.
L7023/1997/9	26/02/2006	Licence re-issue.
L7023/1997/10	26/02/2011	Licence re-issue.
L7023/1997/11	18/02/2016	Licence re-issue and converted into the latest DER format.

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 In the licence, unless the contrary intention appears:

'Acceptance Criteria' has the meaning defined in Landfill Definitions;

'Act' means the *Environmental Protection Act 1986*;

'annual period' means the inclusive period from 1 July until 30 June in the following year;

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

'asbestos fibres' has the meaning defined in the Guidelines for Assessment, Remediation and Management of Asbestos Contaminated Sites, Western Australia, (DOH, 2009);

'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;

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

'Cover material' means subsoil or other approved inert waste used for covering of waste;

'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;

'designated burning area' means an area of the premises that has been designated by the occupier of the premises as a designated burning area and which:

- (a) is at least 50 metres from the boundary of the premises;
- (b) has no flammable material on it, other than the green waste and live trees, for a radius of 50 metres;
- (c) is positioned in the area of the site where waste (other than the green waste to be burnt) has not been deposited; and
- (d) is at least 500 metres from any person's residence or place of employment (other than the landfill site) or an educational institution, hospital or other public place;

'DFES' means the Department of Fire and Emergency Services of Western Australia;

'Fire Control Officer', in relation to this landfill site, means a person who has such qualifications in fire fighting or fire control as are approved, appointed to that position by the licensee of the landfill site;



'fugitive emissions' means all emissions not arising from point sources;

'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;

'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;

'leachate' means liquid released by or water that has percolated through waste and which contains some of its constituents;

'Licence' means this licence numbered L7023/1997/11 and issued under the Act;

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

'mm' means millimetre;

'mg/L' means milligrams per litre;

'municipal waste' means waste collected at the kerbside by the local authority collection vehicle or its contractor;

'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 four inclusive periods from 1 April to 30 June, 1 July to 30 September, 1 October to 31 December and in the following year, 1 January to 31 March;

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

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

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

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

'surface water body' means a water course or wetland (as those terms are defined in the *Right in Water and Irrigation Act 1914*) and any other surface water, whether artificial or natural;

'tyre' means a tyre made whether wholly or partly of natural or synthetic rubber or similar material;

'wire stock fence' means a fence at least 1.2 metres in height which is constructed from five strand plain or barbed wire or a ring lock fence with at least one strand of plain or barbed wire on top ; 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 guidelines or code of practice made during the term of this Licence.

1.2 General conditions

1.2.1 The Licensee shall immediately recover, or remove and dispose of spills of any waste (as defined in Table 1.3.1) outside an engineered containment system or landfill trench.

1.2.2 The Licensee shall employ and maintain earthen bunds and stormwater drains at the premises to ensure that uncontaminated stormwater runoff does not come into contact with waste on the premises.

1.3 Premises operation

1.3.1 The Licensee shall record and investigate the exceedance of any descriptive or numerical limit in this section.

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;
 (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
 (d) in the case of contaminated solid waste is supported by documentation that demonstrates compliance with the acceptance criteria for Class II landfills.

Table 1.3.1: Waste acceptance		
Waste	Quantity limit tonnes/ year	Specification¹
Clean fill	Combined total of 5,000 tonnes per year	None specified
Inert Waste Type 1		None specified
Inert Waste Type 2		None specified
Putrescible waste (including green waste)		None specified
Special Waste Type 1 (asbestos waste)		None specified
Special Waste Type 2 (biomedical waste)		None specified
Scrap metal		None specified
Other recyclables		None specified
Used tyres	Less than 1000 car tyre equivalents at any one time	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*.

1.3.3 The licensee shall ensure that where waste does not meet the waste acceptance criteria set out in condition 1.3.2 it is removed from the premises by the delivery vehicle or, where that is not possible, stored in a segregated storage area or container and removed to an appropriately authorised facility as soon as practicable.



1.3.4 The Licensee shall ensure that wastes accepted onto the premises are only subjected to the process(es) set out in Table 1.3.2 and in accordance with any process limits described in that table.

Table 1.3.2: Waste processing		
Waste type	Process	Process limits
All	Receipt, handling and associated storage prior to the disposal of waste by landfilling	<ul style="list-style-type: none"> No waste shall be temporarily stored or landfilled within 35 metres from the boundary of the premises; The tipping area shall not exceed a maximum linear length of 30 metres; The separation distance between the base of the landfill and the highest groundwater level shall not be less than 3 metres; A minimum distance of at least 100 metres between the waste disposal site and any superficial water body shall be maintained; and Cover completed cells with a final soil cover of at least one (1) metre
Clean fill	Receipt, handling and associated storage prior to the disposal of waste by landfilling	None specified
Inert Waste Type 1		None specified
Inert Waste Type 2		None specified
Putrescible waste (including greenwaste)	Receipt, handling and associated storage prior to the disposal of waste by landfilling	Place waste within a defined trench or within an area enclosed by earthen or other bunds
	Disposal by Burning	<u>Burning of Green Waste Only</u> <ul style="list-style-type: none"> to be dried and seasoned for at least 2 months before burning; to take place in a designated burning area at least 25m from the boundary of any active disposal areas; to take place in trenches or windrows; to take place only when an adequate supply of water is available to effectively manage the burning process; to be burnt in a manner to minimise smoke generation; ensure burning does not commence before 0800 hours and the Fire Control Officer for the premises declares the area safe by 1700 hours on the same day; and restrict the volume of green waste burnt such that it is completely burnt during daylight hours.
Special Waste Type 1 (asbestos waste)	Receipt, handling and associated storage prior to the	<ul style="list-style-type: none"> Only to be disposed of into a designated asbestos disposal area within the landfill; Not to be deposited within 2m of the final



	disposal of waste by landfilling	tipping surface of the landfill; and <ul style="list-style-type: none"> No works shall be carried out on the landfill that could lead to a release of asbestos fibres.
Special Waste Type 2 (biomedical waste)		<ul style="list-style-type: none"> Only to be disposed of into a designated clinical waste disposal area within the landfill; Not to be deposited within 2m of the final tipping surface of the landfill; and No works shall be carried out on the landfill that could lead to biomedical wastes being excavated or uncovered.
Scrap metal		Stored in an area delineated by heaped gravel windrows.
Other recyclables		
Used tyres	Receipt, handling, storage prior to re-use or disposal by landfilling	When tyres only are being disposed of to landfill, they are to be covered at regular intervals such that no more than 100 tyres are left exposed at any 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*.

1.3.5 The Licensee shall ensure that waste is only disposed of in landfill cells or phases provided with the infrastructure detailed in Table 1.3.3 for that Class of landfill cell or phase:

Table 1.3.3: Landfill infrastructure		
Cell or Phase Number(s)	Class of Cell or Phase	Infrastructure requirements
1	Class II (Putrescible)	<ul style="list-style-type: none"> Cell constructed from in-situ soils

1.3.6 The licensee shall, where the licensee is notified or is aware, ensure the following procedures are in place for managing asbestos wastes (Type 1 special waste) at the premises:

- the disposal area(s) for any more than one cubic metre of asbestos material is defined by grid references on the site plan; and
- a representative of the licensee is available to witness the burial of the asbestos waste under at least one metre of fill or putrescible waste as soon as practicable after placement in the landfill and sign a bound, numbered register within two hours of the burial to attest that it has been buried in accordance with these procedures.

1.3.7 The licensee shall take the following measures when managing biomedical wastes (Type 2 special waste) at the premises:

- the licensee, or its representative, shall note, in writing, any discrepancies between waste declared and waste received;
- ensure that clinical waste is disposed of under the licensee's personal supervision or the personal supervision of a person nominated by the licensee;
- ensure that there is kept at the premises an accurate and up to date plan of the premises showing the position of clinical waste disposed of at the premises; and
- restrict access to the area where the waste is buried to authorised personnel only.

1.3.8 The Licensee shall manage the landfilling activities to ensure:



- (a) the size of the tipping face is kept to a minimum and not larger than 2m in vertical height;
- (b) waste is levelled and compacted to ensure all faces are stable and capable of retaining rehabilitation material

1.3.9 The Licensee shall ensure that cover is applied and maintained on landfilled wastes in accordance with Table 1.3.3 and that sufficient stockpiles of cover are maintained on site at all times.

Waste Type	Cover requirements
Inert Waste Type 1	No cover required
Inert Waste Type 2	To be covered by the end of the working day in which the waste was deposited with sufficient quantities of Type 1 inert waste, clean fill or other appropriate cover material to prevent the spread of fire and harbouring of disease vectors.
Putrescible wastes	
Special Waste Type 1	To be covered with a layer of soil at least 300 millimetres thick or with a layer of dense, inert and incombustible material at least 1 metre thick as soon as practicable after deposit and before being compacted to prevent the release of asbestos fibres as a result of compaction and other landfilling activities.
Special Waste Type 2	Ensure the clinical waste is covered as soon as practicable after its disposal with a dense, inert and combustible material to a depth of at least one metre.
Used Tyres	A minimum depth of 100mm of soil cover is maintained over the buried tyres following disposal

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

- 1.3.10 The licensee shall implement control measures to prevent infestations of pests, flies and vermin at the premises.
- 1.3.11 The Licensee shall take all reasonable and practical measures to ensure that no windblown waste escapes from the Premises and that windblown waste is collected on at least a weekly basis and returned to the tipping area.
- 1.3.12 The Licensee shall inspect litter screens no less than once per week to ensure their integrity and if damaged, repair them within two working days.
- 1.3.13 The licensee shall implement the following security measures at the site:
- (a) maintain suitable wire stock fencing to prevent unauthorised access to the site;
 - (b) ensure that any entrance gates to the premises are securely locked when the premises are unattended; and
 - (c) undertake regular inspections of all security measures and repair any damage to the fencing or gate(s) as soon as practicable.
- 1.3.14 The licensee shall not burn or allow the burning of non-greenwaste on the premises.
- 1.3.15 The licensee shall extinguish any unauthorised fire that may occur within the non-green waste area at the landfill site within eight hours of being notified of the fire.
- 1.3.16 The licensee shall ensure that there are appropriate procedures in place at the premises so that any unauthorised fire is promptly extinguished.
- 1.3.17 The licensee shall install and maintain a sign at the entrance to the premises which clearly displays the following:
- (a) hours of operation (if applicable);
 - (b) contact telephone number for information and complaints or notification of fires;



- (c) where applicable, a list of materials acceptable for recycling and the location of where they can be deposited on the premises;
- (d) the types of waste that must not be deposited on the premises and a contact telephone number for alternative disposal options; and
- (e) a warning, indicating penalties for people lighting fires.

1.3.19 The Licensee shall notify the CEO in writing 30 days prior to the construction of a new landfill trench on the premises.

2 Information

2.1 Records

2.1.1 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 2.1.1(d) be retained for at least six 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 or any subsequent licence:
 - (i) off-site environmental effects; or
 - (ii) matters which affect condition of the land or waters.

2.1.2 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.

2.1.3 The licensee shall complete an Annual Audit Compliance Report indicating the extent to which the licensee has complied with the conditions of the licence, and any previous licence issued under Part V of the Act for the premises for the previous annual period.

2.1.4 The Licensee shall maintain a register of Special Waste Type 1 (Asbestos waste) and Special Waste Type 2 (Biomedical and clinical waste) disposed of at the Premises which shall include a plan showing the position of Special Waste Type 1 (Asbestos waste) and Special Waste Type 2 (Biomedical and clinical waste) disposed of at the Premises.

2.2 Reporting

2.2.1 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 2.2.1 in the format or form specified in that table

Table 2.2.1: Annual environmental report		
Condition or table (if relevant)	Parameter	Format or form¹
-	Summary of any failure or malfunction of any pollution control equipment or any environmental incidents that have occurred during the annual period and any action taken	None specified
-	The number and severity of any fires on site	
-	The measures taken to suppress dust	
-	The measures taken to control windblown waste	
2.1.2	Complaints summary	None specified
2.1.3	Compliance	AACR



- 2.2.2 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
 - (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.

2.3 Notification

- 2.3.1 The licensee shall ensure that the parameters listed in Table 2.3.1 are notified to the CEO in accordance with the notification requirements of the table.

Table 2.3.1: Notification requirements			
Condition or table (if relevant)	Parameter	Notification requirement¹	Format or form²
1.3.16	The date, time, cause and location of any unauthorised fire on the premises.	Within fourteen (14) days of an unauthorised fire as per condition 1.3.16 of this licence	None specified
1.3.19	Construction of a new landfill trench	Notify the CEO thirty (30) days prior to the construction of a new landfill trench	In writing

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

Note 2: Forms are in Schedule 2



Schedule 1: Maps

Premises map

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





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: L7023/1997/11	Licence File Number: 2012/006675
Company Name: Shire of Wiluna Trading as: Wiluna Refuse Disposal Site	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) and time(s) the non-compliance occurred, if applicable?	
c) Was this non-compliance reported to DER?	
<input type="checkbox"/> Yes, and <input type="checkbox"/> Reported to DER verbally Date <input type="checkbox"/> Reported to DER in writing Date	<input type="checkbox"/> No
d) Has DER taken, or finalised any action in relation to the non-compliance?	
e) Summary of particulars of 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	

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

Initial:



SECTION C

SIGNATURE AND CERTIFICATION

This AACR may only be signed by a person(s) with legal authority to sign it as defined below. Please tick the box next to the category that describes how this AACR is being signed. If you are uncertain about who is entitled to sign or which category to tick, please contact the licensing officer for your premises.

If the licence holder is		The 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 AACR is correct and not false or misleading in a material particular.

Signature:

Name: (printed)

Position:

Date: / /

Seal (if signing under seal)

Signature:

Name: (printed)

Position:

Date: / /



Government of **Western Australia**
Department of **Environment Regulation**

Licence: L7023/1997/11
Form: N1

Licensee: Shire of Wiluna
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 Wiluna	
Date	



Decision Document

Environmental Protection Act 1986, Part V

Proponent: Shire of Wiluna

Licence: L7023/1997/11

Registered office: Shire of Wiluna
Lot 1486 Scotia Street
WILUNA WA 6646

Premises address: Wiluna Refuse Disposal Site
Reserve 8384, Rubbish Tip Road
WILUNA WA 6646

Issue date: Thursday, 18 February 2016

Commencement date: Wednesday, 24 February 2016

Expiry date: Saturday, 23 February 2036

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.

Decision Document prepared by: Abnesh Chetty
Licensing Officer

Decision Document authorised by: Steve Checker
Delegated Officer



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1 Purpose of this Document

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



2 Administrative summary

Administrative details		
Application type	Works Approval <input type="checkbox"/>	New Licence <input checked="" type="checkbox"/>
	Licence amendment <input type="checkbox"/>	Works Approval amendment <input type="checkbox"/>
Activities that cause the premises to become prescribed premises	Category number(s)	Assessed design capacity
	64 – Class II putrescible landfill site	Not more than 5,000 tonnes per year
Application verified	Date: 24/12/2015	
Application fee paid	Date: 8/1/2016	
Works Approval has been complied with	Yes <input type="checkbox"/>	No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
Compliance Certificate received	Yes <input type="checkbox"/>	No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
Commercial-in-confidence claim	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Commercial-in-confidence claim outcome	N/A	
Is the proposal a Major Resource Project?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Was the proposal referred to the Environmental Protection Authority (EPA) under Part IV of the <i>Environmental Protection Act 1986</i> ?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
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 type="checkbox"/>	No <input checked="" type="checkbox"/>
Is the Premises within an Environmental Protection Policy (EPP) Area	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
If Yes include details of which EPP(s) here.		
Is the Premises subject to any EPP requirements?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
If Yes, include details here, eg Site is subject to SO ₂ requirements of Kwinana EPP.		



3 Executive summary of proposal and assessment

The Shire of Wiluna has applied to have the Licence for the Wiluna Refuse Disposal Facility reissued.

The Wiluna Refuse Disposal Site is located in the Northern Goldfields Region of Western Australia and is approximately 957km north-east of Perth. The facility is located approximately 1.5km south-east of the Wiluna town site (nearest sensitive premises) and is located on Reserve 8384 Rubbish Tip Road Wiluna. The Shire covers an area of 184,000 square kilometres.

The Shire has a population of approximately 1,241 whilst the town of Wiluna has a population of 284. Metal ore mining and other mining support services are the largest employment type in the Shire.

The Shire operates the facility as a Category 64 Putrescible Landfill site to the south-west of town. The site is unmanned with twice weekly inspections being carried out to monitor conditions onsite. The nearest residence is approximately 1.2km from the site with the closest town residences 1.5km away. The source of waste received includes domestic and septic waste from town site properties and local mine site. The septic tank waste is managed through a series of unlined shallow trenches, where the high evaporation rate locally allows quick drying of the waste and thereby the removal of the dry sludge to landfill (putrescible cell) in a short space of time. The disposal trenches are securely fenced to restrict access to liquid salvage operators only.

The licensee is in the process of applying for a category 61 (liquid waste facility) endorsement on the licence, relating to receiving septic waste. The application had not been received at the time of reissue, therefore this reissue will only relate to category 64 activities, including the removal of former condition 3(i) (concerning the wrapping of asbestos wastes) which is now regulated under regulation 44 of the *Environmental Protection (Controlled Waste) Regulations 2004*.

The proponent will be submitting further information with regards to including category 61 activities to the Licence via an amendment process.

This Licence is the successor to licence L7023/1997/10 and includes changes as required to reflect current templates. Based on the information available to DER at the time of the renewal, DER is not aware of any changes at the premises that would alter the risk profile for emissions and discharges since the previous licence was granted. DER has therefore not amended any conditions relating to emissions and discharges.



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
Premises operation	L1.3.5	Licence (L7023/1997/10) condition 3 (i) required that any asbestos material is wrapped in heavy duty plastic before entry to the landfill site. However, to avoid any duplication relating to the transportation of asbestos containing materials since legislative requirements are now stipulated under Regulation 44 of the <i>Environmental Protection (Controlled Waste) Regulations 2004</i> , this condition will be removed from the amended Licence.	Application supporting documentation General provisions of the <i>Environmental Protection Act 1986</i> and <i>Environmental Protection (Controlled Waste) Regulations 2004</i>
Licence Duration	N/A	The premises is of low environmental risk with long-term operational requirements. The Licence is proposed to be issued for 20 years in accordance with DER's Guidance Statement 'Licence Duration', May 2015.	



5 Advertisement and consultation table

Date	Event	Comments received/Notes	How comments were taken into consideration
9/02/2016	Proponent sent a copy of draft instrument	<p>The following comments were received:</p> <ul style="list-style-type: none">• Table 1.3.3 Cover Requirements- The cells that we create for waste disposal will be filled much more quickly if we are forced to cover everything with a metre soil cover. In effect there will be more soil cover than the waste placed in the cell which will increase Councils disposal costs significantly. Council is very unlikely to accept this condition placed on the licence.• 1.3.13 (a) Manned at all times- Council is very unlikely to agree with this condition as the refuse site due to its size currently, is not manned and open 24/7. The size of refuse site, amounts of waste being received and minimum risk to the local environment associated with its operations does not warrant the site to be manned. The increased cost of doing so will also be an issue for Council.• 2.2 Monitoring of Inputs Outputs- Again due to the above comments the size and operational level of	<ul style="list-style-type: none">• It was agreed the 1m cover requirement will be amended and the proponent will now be required to provide appropriate cover material to prevent the spread of fire and harbouring of disease vectors.• It was agreed that the requirement to have the refuse facility manned at all time will be removed.• It is estimated that the total waste received onsite is between 1000-1200 tonnes per annum. Monitoring of waste inputs and outputs



Date	Event	Comments received/Notes	How comments were taken into consideration
		this tip site does not warrant the site to be manned to enable the monitoring of disposals. Costs of manning the site to provide monitoring of disposals is not financially viable and will be strongly resisted by Council.	therefore are not required at this stage even though the site has capacity to accept upto 5000 tonnes of waste.



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