



Mr Bill Atkinson
Chief Executive Officer
Shire of Carnamah
PO Box 80
CARNAMAH WA 6517

Dear Mr Atkinson

ENVIRONMENTAL PROTECTION ACT 1986: LICENCE GRANTED

Premises

Carnamah Shire Waste Disposal Site
Lot 21 Bunjil-Carnamah Road
CARNAMAH WA 6517
Licence Number: L6944/1997/13

A licence under the *Environmental Protection Act 1986* (the Act) has been granted for the above premises. The Department of Environment Regulation will advertise the issuing of this licence in the public notices section of *The West Australian* newspaper.

The licence includes attached conditions. Under section 58(1) of the Act, it is an offence to contravene a condition of a licence. This offence carries a penalty of up to \$125,000 and a daily penalty of up to \$25,000.

In accordance with section 102(1)(c) of the Act, you have 21 days to appeal the conditions of the licence. Under section 102(3)(a) of the Act, any other person may also appeal the conditions of the licence. To lodge an appeal contact the Office of the Appeals Convenor on 6467 5190 or by email at admin@appealsconvenor.wa.gov.au.

Where a licence is issued for more than one year it requires payment of an annual fee and will cease to have effect if the fee is unpaid. It is the occupier's responsibility to lodge a fee application and pay the annual fee in sufficient time to avoid incurring a late payment fee and for processing to be completed before the licence anniversary date.

If you have any queries regarding the above information, please contact Steve Checker on (08) 9921 5955.

Yours sincerely

Alan Sands
Officer delegated under section 20
of the *Environmental Protection Act 1986*

1 August 2013



WESTERN AUSTRALIA
DEPARTMENT OF ENVIRONMENT REGULATION

Environmental Protection Act 1986

LICENCE

LICENCE NUMBER: L6944/1997/13

FILE NUMBER: DEC8363

NAME AND ADDRESS OF OCCUPIER:

Shire of Carnamah
PO Box 80
CARNAMAH WA 6517

NAME AND LOCATION OF PREMISES:

Carnamah Shire Waste Disposal Site
Lot 21 on Plan 46139 Bunjil-Carnamah Road
CARNAMAH WA 6517

Environmental Protection Regulations 1987

CLASSIFICATION(S) OF PREMISES:

SCHEDULE	CATEGORY	DESCRIPTION	CAPACITY
1	64	Class II or III putrescible landfill site.	20 tonnes or more per year.

COMMENCEMENT DATE OF LICENCE: Thursday, 22 August 2013

EXPIRY DATE OF LICENCE: Tuesday, 21 August 2018

CONDITIONS OF LICENCE:

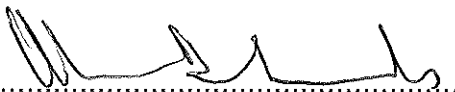
As described and attached:

DEFINITIONS

GENERAL CONDITION(S) (7)

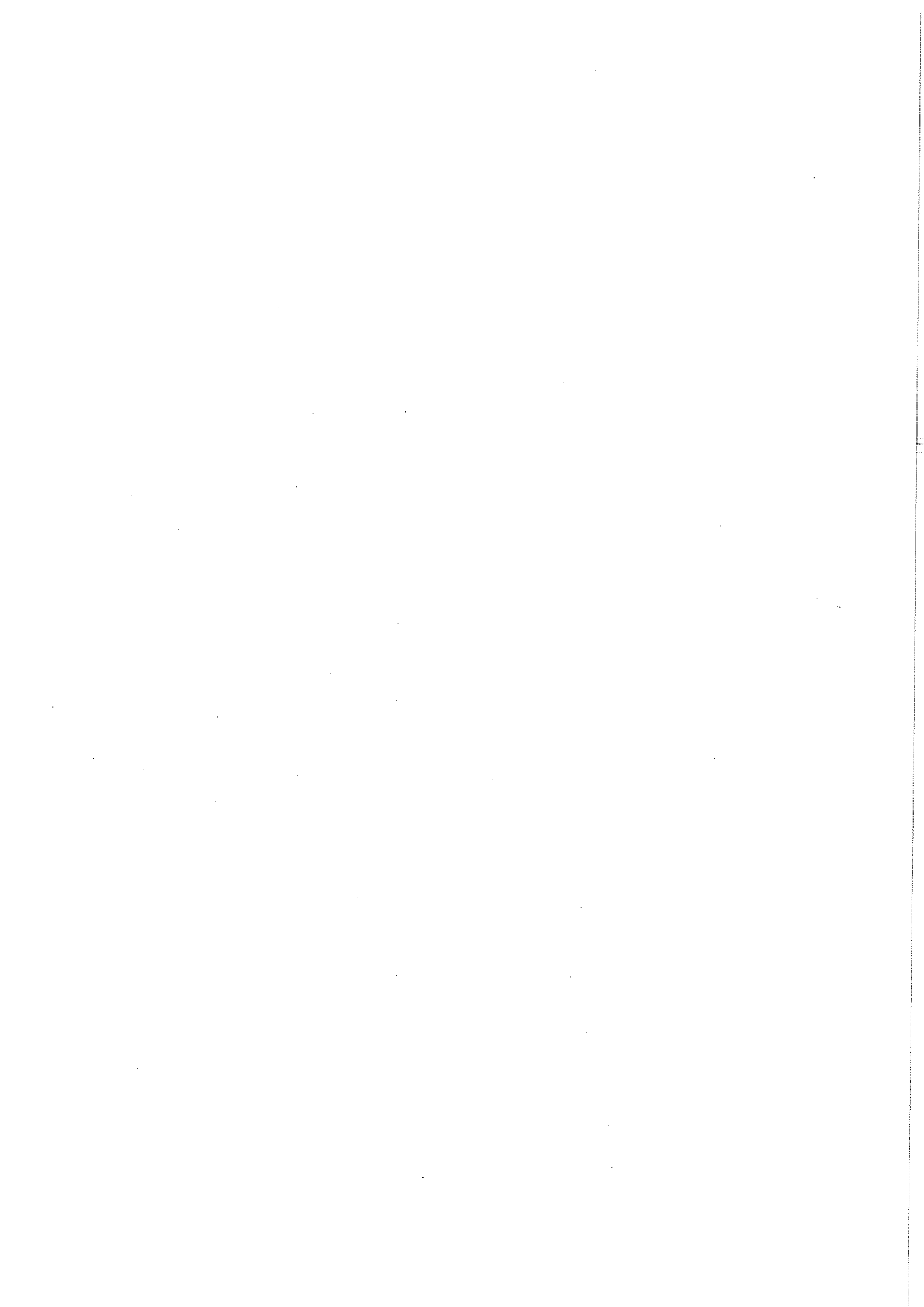
AIR POLLUTION CONTROL CONDITION(S) (2)

WATER POLLUTION CONTROL CONDITION(S) (2)



Officer delegated under Section 20
of the *Environmental Protection Act 1986*

Date of Issue: Thursday, 1 August 2013



WESTERN AUSTRALIA

DEPARTMENT OF ENVIRONMENT REGULATION

Environmental Protection Act 1986

LICENCE NUMBER: L6944/1997/13

FILE NUMBER: DEC8363

Applicability

This licence relates to Carnamah Waste Disposal Site, Lot 21 on Plan 46139 Bunjil-Carnamah Road, Carnamah (Attachment 1) which is a prescribed premises within Schedule 1 of the Environmental Protection Regulations 1987, and includes, but is not necessarily limited to, the following operations:

- The operation of a Class II waste disposal site for the Shire of Carnamah.

This facility is prescribed within Schedule 1 of the Environmental Protection Regulations 1987 as outlined in Table 1.

Table 1: Categories under which the Carnamah Shire Waste Disposal Site is prescribed.

Category number	Category name	Description
64	Class II 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 Definitions 1996" published by the Chief Executive Officer and as amended from time to time) is accepted for burial.

Nominal Rated Throughput

The nominal rated throughput of the premises covered by this Licence is in accordance with the following:

- Production or design capacity: Not more than 5 000 tonnes per year.

Annual Reporting

The licensee is reminded of the need to provide an annual monitoring report along with an annual audit compliance report. The report requirements are outlined in the annual reporting conditions. A proforma report is available upon request from the Department of Environment Regulation.

Emergency, Accident or Malfunction

The licensee should inform the Director as soon as practicable of the identification of any discharge of waste which has occurred as a result of an emergency, accident or malfunction, or extreme weather conditions, otherwise than in accordance with any condition of this works approval and has caused or is likely to cause pollution.

Alteration to Premises

Prior to making any significant alterations to the premises which may affect the air, water or noise emissions from the premises the Licensee must submit a proposal to the Director accompanied by supporting information and plans that allow the environmental impact of the change to be assessed.

General Requirements

The following statements reflect important sections of the *Environmental Protection Act 1986* and are included for the information of the licensee:

- The licensee should take all reasonable and practicable measures to prevent pollution of the environment.

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- Noise emissions from operations on site are required to comply with the Environmental Protection (Noise) Regulations 1997.
- The licensee should take all reasonable and practicable measures to prevent or minimise the discharge of waste and the emission of noise, odours or electromagnetic radiation from the premises.
- The licensee should inform the Director at least 24 hours prior to the commencement of any planned non-standard operations, which may have the potential to cause pollution

Storage and Disposal of Used Tyres

The storage and disposal of used tyres is controlled under the Environmental Protection Regulations 1987. Where more than 100 used tyres are to be stored at a landfill site or transfer station, a licence is required. The licensee is encouraged to make used tyres available for reuse and/or recycling.

Disposal of Asbestos and Clinical Waste

Waste containing asbestos must be separated from all other waste materials where separation is reasonably practicable. All material containing asbestos must be wrapped in plastic (or otherwise contained in a manner approved in writing from the Executive Director, Public Health), to prevent asbestos fibre release into the environment during transportation to the disposal site. Asbestos should be offloaded at the foot of the excavation at the landfill site in such a manner as to avoid the generation of dust and the release of asbestos fibres. Asbestos material should be buried as soon as possible following its arrival at the disposal site, with any load greater than one cubic metre to be recorded on a register, defined by grid references on the site plan.

Asbestos wastes must be transported by licensed carriers to landfills licensed to accept asbestos wastes in accordance with the Environmental Protection (Controlled Waste) Regulations 2004. Unlicensed commercial carriers attempting to dispose of asbestos wastes to landfill should be reported to the Environmental Regulation Division of the DER.

Compliance with other Acts, Regulations and Policy

The licensee should be aware that these conditions do not exempt them from other statutory obligations under the *Bush Fires Act 1954*, *Environmental Protection Act 1986* or *Health Act 1911*. Where there is conflict between the conditions set in this licence and any Act or Regulation, the latter takes precedence.

Where appropriate, the licensee should be aware of and endeavour to comply with the following policy documents issued by the Department of Environment Regulation (and advise the Director where the licensee is unable to comply with any of the documents):

- Landfill Waste Classification and Waste Definitions 1996 (as amended), July 2005;
- Code of Practice 'Rural Landfill Management';
- Code of Practice 'Management of Clinical and Related Wastes'; and

Greenwaste

The licensee should be aware that the Department of Fire and Emergency Services (DFES) authorise burning of greenwaste during Prohibited and Restricted Burning Times under the *Bush Fires Act 1954*. The licensee should also be aware that one of the State's objectives is to divert segregated greenwaste from landfills. The licensee should endeavour to implement strategies that will meet this objective.

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CONDITIONS OF LICENCE

DEFINITIONS

In these conditions of licence, unless inconsistent with the text or subject matter:

'approved' and 'approval' means approved and approval in writing from time to time, respectively;

'clean fill', 'inert waste', 'special waste' and 'putrescible waste' means waste as defined in the document titled 'Landfill Waste Classification and Waste Definitions' 1996 (as amended);

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

'Director' means the Director of the Environmental Regulation Division of the Department of Environment Regulation for and on behalf of the Chief Executive Officer as delegated under Section 20 of the *Environmental Protection Act 1986*;

'Director' or 'Department of Environment' for the purposes of correspondence means:

Regional Leader Industry Regulation
Department of Environment Regulation
Midwest Region

PO Box 72

GERALDTON WA 6530

Telephone: (08) 9921 5955

Facsimile: (08) 9964 0948

'DER' means the Department of Environment Regulation;

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

'greenwaste' means waste that originates from trees or plants;

'Landfill Waste Classification and Waste Definitions' 1996 (as amended), refers to the document issued by the Chief Executive Officer of the Department of Environment, dated July 2005;

'litter screen' means a chicken wire fence or similar, with a maximum hole aperture of 50 mm and at least 1.8 metres in height;

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

'premises' means Carnamah Waste Disposal Site, Lot 21 on Plan 46139 Bunjil-Carnamah Road, Carnamah;

'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 ringlock fence with at least one strand of plain or barbed wire on top.

GENERAL CONDITIONS

WASTE ACCEPTANCE AND MANAGEMENT

- G1 The licensee shall accept and bury only the following types of waste at the premises:
- (i) clean fill;
 - (ii) type 1 inert wastes;
 - (iii) type 2 inert wastes;
 - (iv) putrescible wastes;
 - (v) type 1 special wastes;

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- (vi) type 2 special wastes; and
- (vii) other wastes that comply with Class II criteria in the document titled 'Landfill Waste Classification and Waste Definitions' 1996 (as amended).

DISPOSAL OF ASBESTOS WASTE

- G2(a) The licensee shall ensure that material containing asbestos is covered as soon as practicable, after its disposal, with a minimum depth of one metre of cover material.
- G2(b) The licensee shall ensure that material containing asbestos waste is disposed of under the personal supervision licensee, or the personal supervision of a person nominated by the licensee.
- G2(c) The licensee shall ensure that an accurate and up to date register is kept of material containing asbestos waste disposed of at the premises and include the following information in the register within 2 hours of supervising the covering of waste;
 - (i) the date;
 - (ii) the name of the person that supervised disposal of the waste;
 - (iii) that the waste has been covered in accordance with condition G2(a).
- G2(d) The licensee shall maintain a plan showing the current position of material containing asbestos disposed of at the premises.

MANAGEMENT OF LANDFILL ACTIVITIES

- G3 The licensee shall ensure that:
 - (i) no waste is placed closer than 35 metres to the premises boundary;
 - (ii) waste is placed in a defined trench or within an area enclosed by earthen bunds;
 - (iii) the tipping area is restricted to a maximum linear length of 30 metres;
 - (iv) waste in the tipping area is covered in accordance with Table 1;
 - (v) there is enough cover material to cover waste in accordance with Condition G4(iv), at least twice;
 - (vi) waste is covered with cover material;
 - (vii) waste is totally covered so that no waste is left exposed; and
 - (viii) the tipping area is no greater than two metres in height.

Tonnes of waste received per year	Frequency waste is to be covered
Less than 500 tonnes	Monthly
Between 500 and 2 000 tonnes	Fortnightly
Between 2 000 and 5 000 tonnes	Weekly

WIND-BLOWN WASTE

- G4(a) The licensee shall maintain a wire stock fence around the perimeter of the premises.
- G4(b) The licensee shall ensure that wind-blown waste is contained within the boundaries of the premises.

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G4(c) The licensee shall ensure that any waste that has been washed or blown away from the tipping area is collected and returned to the tipping area on a monthly basis.

SIGNAGE

G5 The licensee shall install and maintain a sign at the entrance to the premises which clearly displays the following:

- (i) hours of operation (if applicable);
- (ii) contact telephone number for information and complaints or notification of fires;
- (iii) where applicable, a list of materials acceptable for recycling and the location of where they can be deposited on the premises;
- (iv) the types of waste that must not be deposited on the premises and a contact telephone number for alternative disposal options; and
- (v) a warning, indicating penalties for people lighting fires.

MONITORING AND REPORTING

G6 The licensee shall by **01 February** in each year, provide to the CEO an annual audit compliance report in the form in attachment 2 to this licence, signed and certified in the manner required by Section C of the form, indicating the extent to which the licensee has complied with the conditions of this licence, and any previous licence issued under Part V of the Act for the Premises, during the period beginning 01 January the previous year and ending on 31 December in that year.

G7(a) The licensee shall provide to the Director annual monitoring report containing the monitoring data required by any condition of this by **01 February** each year. The report shall contain data collected from 01 January to 31 December of the previous year.

G7(b) The licensee shall provide details of:

- (i) measures taken to control pests and vermin;
- (ii) number and severity of any fires on site;
- (iii) measures taken to suppress dust;
- (iv) measures taken to control windblown waste;
- (v) the number and type of complaints received including complainants name, address, nature of complaint (where appropriate cross referenced with prevailing wind directions) and action taken.
- (vi) Provide a detailed site cadastral plan that includes but not limited too site boundaries, former and future cell locations and monitoring bores in the region.

The annual monitoring report should also include any changes to site boundaries, internal buffer zones, asbestos and biomedical waste disposal areas, location of groundwater monitoring bores, surface drainage channels.

Any issues raised by DER (e.g. arising from inspections) during the reporting period should also be summarised together with details on how these have been addressed/rectified or, if the required work has yet to be completed, how and when they will be rectified/completed.

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AIR POLLUTION CONTROL CONDITIONS

DUST – GENERAL REQUIREMENT

- A1 The licensee shall suppress dust from the open landfill face or trench, stockpiled areas and transport activities, to ensure that no visible dust crosses the boundary of the premises.

BURNING OF WASTE

- A2(a) The licensee shall not burn or allow the burning of non-greenwaste on the premises.
- A2(b) If greenwaste is burnt on the premises, the licensee, or a person nominated by the licensee, shall:
- (i) ensure the greenwaste is dry and seasoned for at least two months before being burnt;
 - (ii) ensure the greenwaste is burnt in a designated burning area;
 - (iii) provide an adequate water supply and distribution system to prevent fires from escaping beyond the greenwaste area;
 - (iv) burn greenwaste in a manner to minimise the generation of smoke;
 - (v) burn greenwaste in windrows or trenches;
 - (vi) burning does not commence before 8 a.m. and the Fire Control Officer for the landfill site declares the area safe by 12 noon on the same day;
 - (vii) ensure that, from the time burning commences until the Fire Control Officer for the premises declares the area safe;
 - (a) a fire fighting vehicle carrying at least 500 litres of water, fitted with at least 30 metres of 19 mm diameter rubber hose and with a pump capacity capable of delivering a minimum of 250 litres of water per minute at a minimum of 700 kPA through a nozzle capable of projecting water by spray or by jet; and
 - (b) two persons, who have such qualifications in fire fighting as are approved.
- A2(c) The licensee shall ensure that there are appropriate procedures in place at the premises so that any unauthorised fire is promptly extinguished;
- A2(d) The licensee shall ensure that an unauthorised fire on the premises is extinguished as soon as possible.
- A2(e) The licensee shall provide the Director with a report on an unauthorised fire within 14 days of the fire and include:
- (i) details of the date, time and location of the fire;
 - (ii) the time the fire was declared safe by the Fire Control Officer for the premises; and;
 - (iii) the cause, or suspected cause, of the fire.

WATER POLLUTION CONTROL CONDITIONS

UNCONTAMINATED STORMWATER MANAGEMENT

- W1(a) The licensee shall direct stormwater away from the tipping area.
- W1(b) The licensee shall ensure stormwater drains on the premises are kept clear to allow for drainage.

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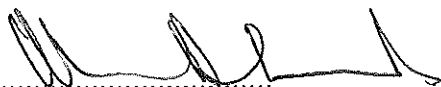
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W1(c) The licensee shall ensure that water that has come into contact with waste is diverted into a sump on the premises or otherwise retained on the premises.

PROTECTION OF GROUND AND SURFACE WATERS

W2(a) The licensee shall maintain an undisturbed separation distance of at least three metres between the waste and the highest level of the water table aquifer at the premises.

W2(b) The licensee shall maintain a minimum distance of at least 100 metres between the previously filled areas of the premises and the tipping area and any surface water body.



Officer delegated under Section 20
of the *Environmental Protection Act 1986*

Date of Issue: Thursday, 1 August 2013

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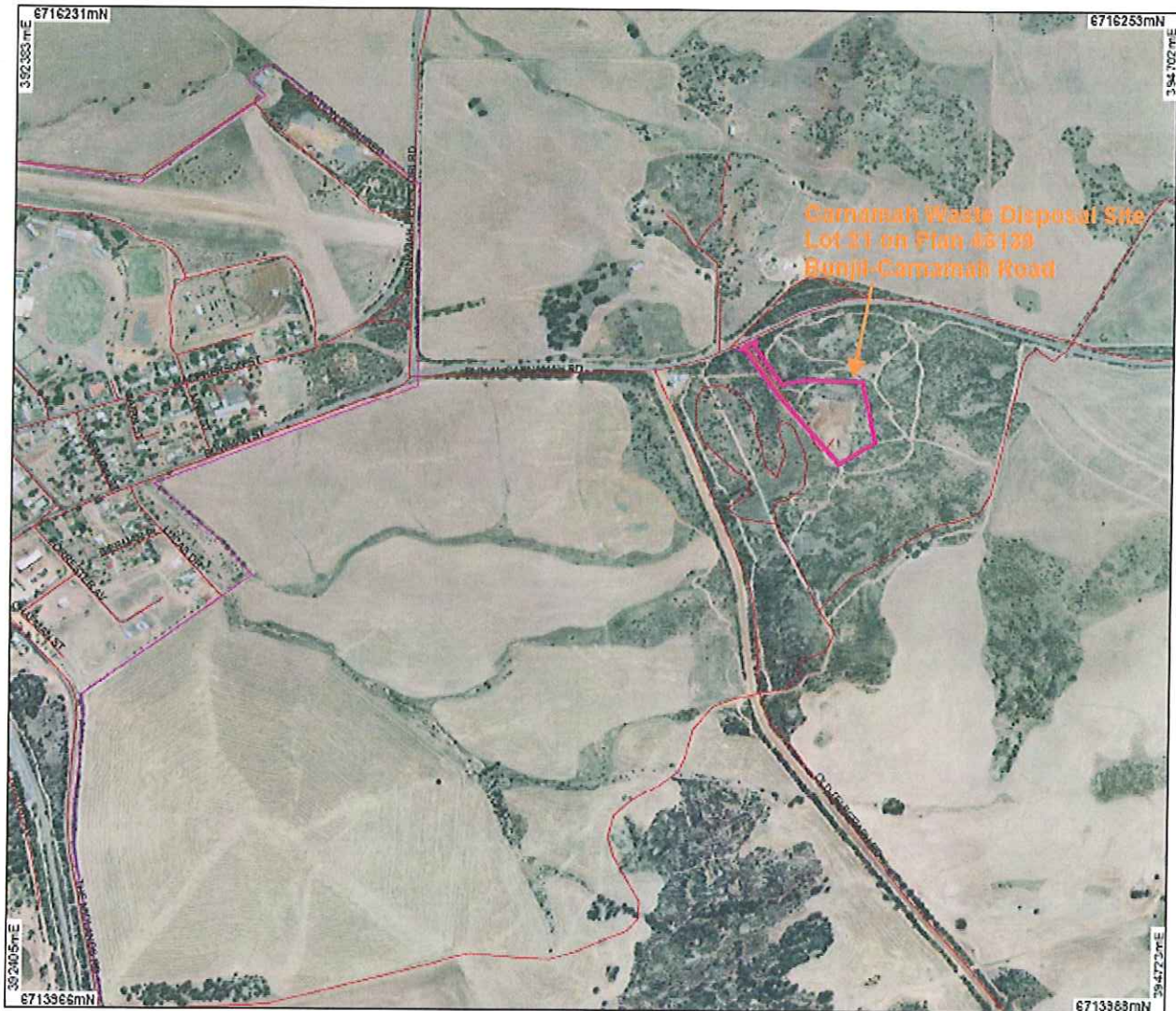
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ATTACHMENT 1: Lot 1 on Plan 46139 Bunjil-Carnamah Road, Carnamah (boundary highlighted)



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ATTACHMENT 2: Annual Audit Compliance Report

SECTION A

LICENCE DETAILS

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

STATEMENT OF COMPLIANCE WITH LICENCE CONDITIONS

1. Were all conditions of 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 initialed by the person(s) who signs Section C of this annual audit compliance report

INITIAL: _____

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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"/> No
<input type="checkbox"/> Reported to DER in writing Date _____	
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	

Each page must be initialed by the person(s) who signs Section C of this annual audit compliance report

INITIAL: _____

WESTERN AUSTRALIA

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SECTION C

SIGNATURE AND CERTIFICATION

This Annual Audit Compliance Report may only be signed by a person(s) with legal authority to sign it. The ways in which the Annual Audit Compliance Report 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 Annual Audit Compliance Report 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 with authority to sign on the licensee's behalf who is approved in writing by the Chief Executive Officer of the Department of Regulation.
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 Regulation.
A corporation	<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 Corporations Act 2001; 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 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.

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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)