



Licence Number	L7025/1997/13
Licence Holder	Shire of Meekatharra
Registered business address	PO Box 129 MEEKATHARRA WA 6642
File Number	2010/003371-1
Duration	02/08/2013 to 01/08/2026
Date of amendment	02 September 2019
Prescribed Premises	Category 64 Category 61 As defined in Schedule 2
Premises	Meekatharra Refuse Site Lot 191 on Plan 218548, Crown Reserve 45111 Great Northern Hwy MEEKATHARRA WA 6642

This Licence is granted to the Licence Holder, subject to the following conditions, on 02 September 2019, by:

Steve Checker
MANAGER WASTE INDUSTRIES
REGULATORY SERVICES

an officer delegated under section 20 of the *Environmental Protection Act 1986* (WA)

CEO Initiated amendment

The CEO initiated an amendment to the type and style of the licence during August 2019 and has issued a revised licence incorporating all of the recent amendment notices. The obligations of the Licence Holder have not changed in making this amendment. During the consolidation of amendment notices; DWER has not undertaken any additional risk assessment of the Premises.

The CEO has:

- Incorporated the 2019 amendment to add Category 61 to the Licence;
- updated that style and appearance of the Licence;
- deleted the redundant AACR form set out in Attachment 2 of the previous licence and advise the Licensee to obtain the form from the Department's website;
- Corrected clerical mistakes and unintentional errors; and
- Updated the expiry date to align with the 2016 amended expiry date.

Instrument Log		
Instrument	Issued	Description
L7025/1997/13	02/08/2013	Licence Reissue
L7025/1997/13	29/04/2016	Licence Reissue - reformatting
L7025/1997/13	02/09/2019	Licence Amendment to add Category 61 to the Licence and amend the Premises boundary. The Amendment includes the consolidation of the previous two amendments into the Licence.

Applicability

This licence relates to Meekatharra Refuse Site, Lot 191 on Plan 218548, Crown Reserve 45111 Great Northern Highway, Meekatharra (see Attachment 1). This is a prescribed premises within Schedule 1 of the Environmental Protection Regulations 2004.

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 licence 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 which 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:

- 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 (Controlled Waste) Regulations 2004. Where more than 100 used tyres are to be stored at a landfill site, 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 to prevent the release of asbestos fibres 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 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 Department of Environment Regulation.

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*.

Greenwaste

The licensee should be aware that the Department of Fire and Emergency Services (DFES) control the 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 greenwaste from landfills and should endeavour to implement strategies that will meet this objective.

1. 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 respectively;

“**clean fill**” means material that will have no harmful effects on the environment and which

consists of rocks or soil arising from the excavation of undisturbed material; and

“**cover material**” means subsoil or other approved inert waste used for covering of waste;

“**Director**” means the Director of the Department of Water and Environmental 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 Water and Environmental Regulation” for the purposes of correspondence means:

Chief Executive Officer
Department Administering the *Environmental Protection Act 1986*
Locked Bag 10
JOONDALUP DC WA 6027
Telephone: (08) 6367 7000
Facsimile: (08) 6367 7001
Email: info@dwer.wa.gov.au

“**designated burning area**” means an area of a 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 greenwaste and live trees, for a radius of 50 metres;
- (c) is positioned in the area of the site where waste (other than the greenwaste 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;

“**Fire Control Officer**”, in relation to the premises, means a person who has such qualifications in fire fighting or fire control as are approved, appointed to that position by the occupier of the premises;

“**greenwaste**” means waste that originates from flora;

“**Landfill Waste Classification and Waste Definitions 1996 (as amended)**”, refers to the document issued by the Chief Executive Officer of the Department of Environmental Protection, dated July 2005;

“**licensee**” means the occupier of the premises;

“**mm**” means millimetre;

“**mg/L**” means milligrams per litre;

“**putrescible waste**” means the component of the waste stream likely to become putrid – including wastes that contain organic materials such as food wastes or wastes of animal or vegetable origin, which readily bio-degrade within the environment of a landfill;

“**premises**” means Meekatharra Shire Refuse Site, Lot 191 on Plan 218548, Crown Reserve 45111 Great Northern Highway, Meekatharra (see Attachment 1);

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

“**tipping area**” means the area of the premises where waste currently being brought to the premises is being deposited.

2. General Conditions

WASTE ACCEPTANCE

- G1 The licensee shall accept and dispose of only the following types of waste at the premises, in accordance with the document *Landfill Waste Classification and Waste Definitions 1996 (as amended)*:
- (i) clean fill;
 - (ii) type 1 inert wastes;
 - (iii) type 2 inert wastes;
 - (iv) putrescible wastes;
 - (v) type 1 special wastes;
 - (vi) type 2 special wastes; and
 - (vii) Septage wastes

DISPOSAL OF CLINICAL AND 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 biomedical waste is covered as soon as practicable, after its disposal, with a minimum depth of **one metre** of cover material.
- G2(c) The licensee shall ensure that material containing asbestos and/or clinical waste is disposed of under the personal supervision of the licensee, or the personal supervision of a person nominated by the licensee.
- G2(d) The licensee shall ensure that an accurate and up to date register is kept of material containing asbestos and/or clinical 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 person's name that disposed of the waste;
 - (iii) that the waste has been covered in accordance with conditions G3(a) and G3(b) respectively.
- G2(e) The licensee shall maintain a plan showing the current position of material containing asbestos and/or clinical waste 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(a);

- (v) there is enough cover material to cover waste in accordance with part (iv) of this condition, 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.

Table 1	
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

FENCING

- G4 The licensee shall maintain a wire stock fence around the whole of the perimeter of the premises. The licensee shall ensure that any entrance to the premises is securely locked when the premises is unattended.

WIND-BLOWN WASTE

- G5(a) The licensee shall ensure that wind-blown waste is contained within the boundaries of the premises.
- G5(b) 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

- G6 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) a list of materials that are accepted;
 - (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

- G7(a) The licensee shall provide an Annual Monitoring Report to the Director by **1 October** of each year. The report shall cover the previous 12-month period from 1 August to 31 July.
- G7(b) The licensee shall provide details of:
- (i) the number and severity of any fires on site;
 - (ii) the measures taken to suppress dust;
 - (iii) the measures taken to control windblown waste;
 - (iv) the measures taken to control pest and vermin;

- (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) changes to site boundaries, internal buffer zones, asbestos and clinical waste disposal areas, location of groundwater monitoring bores, surface drainage channels; and
- (vii) issues raised through compliance inspections during the reporting period 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.

G8 The licensee shall by **1 October** in each year, provide to the Director an annual audit compliance report in the form available on the Departments website, 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 1 August the previous year and ending on 31 July in that year.

3. Air Pollution Control Conditions

DUST – GENERAL REQUIREMENT

A1 The licensee shall 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 is present 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) 2 persons are present, 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.

4. Water Pollution Control Conditions

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.
- W1(c) The licensee shall ensure that stormwater 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.

OPERATION OF SEPTAGE POND

- W3 The Licensee shall maintain the septage pond such that:
- (i) all stormwater shall be diverted away to prevent erosion of the embankments;
 - (ii) uncontaminated stormwater runoff shall not enter;
 - (iii) overtopping does not occur except as a result of 1 in 10 year stormwater event of 72 hours duration;
 - (iv) vegetation (emergent or otherwise) shall be prevented from growing in the septage pond or on the septage pond's embankment;
 - (v) waste other than septage shall not be disposed of in the septage pond; and
 - (vi) a locked 1.8metre high cyclone mesh fence will be maintained around its perimeter.

5. Solid Waste Control Conditions

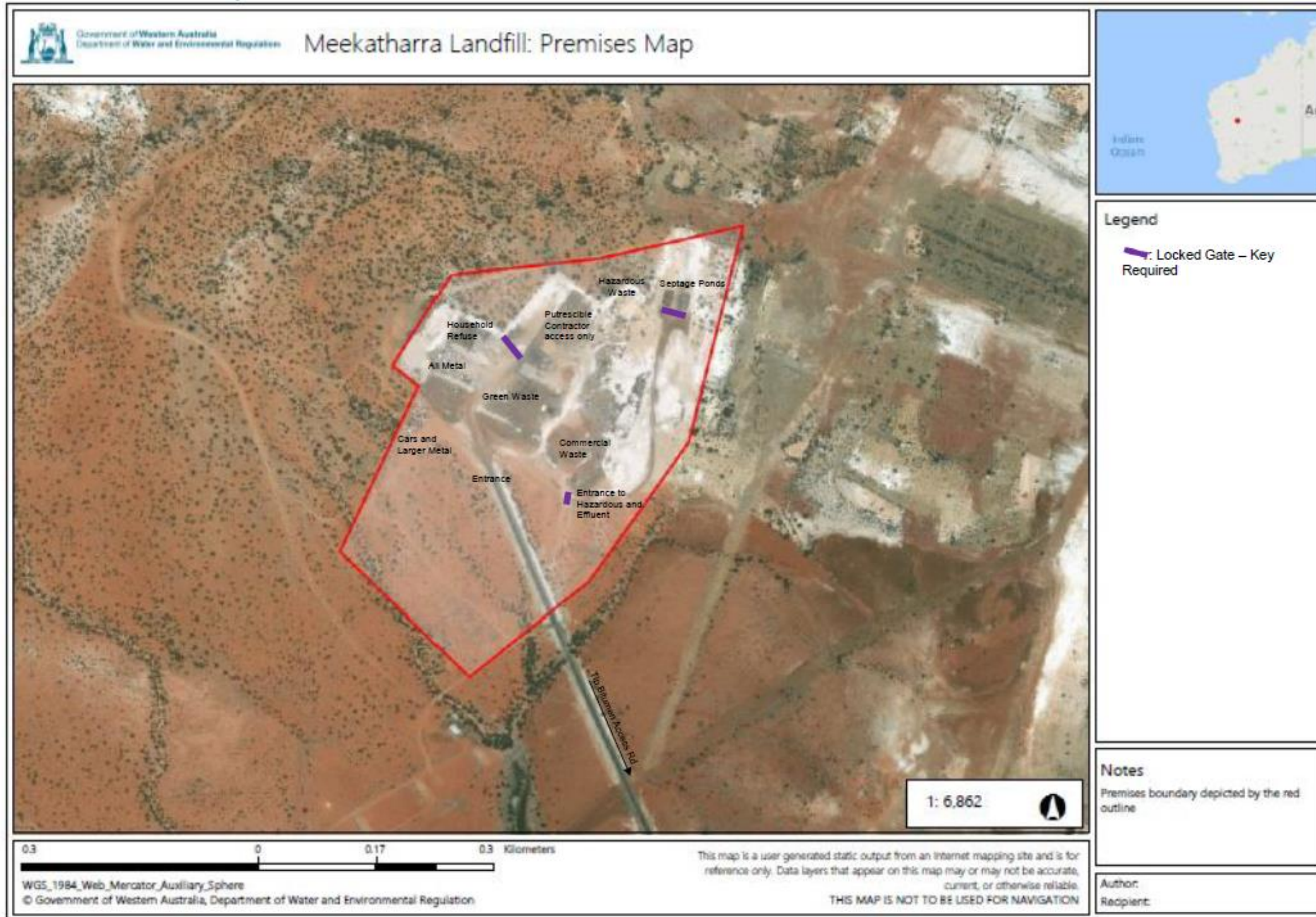
SEPTAGE POND AND SOLIDS MANAGEMENT

- S1(a) The Licensee shall dispose of collected vegetation and floating debris from the septage pond to the putrescible cell.
- S1(b) The Licensee shall:
- (i) inform the Director no less than 14 days prior to the removal of sludge from the septage pond; and
 - (ii) where sludge is temporarily stored on-site prior to disposal in the putrescible cell, direct sludge to a hard-stand area which;
 - (a) is adequately bunded to prevent surface runoff of leachate or sludge from crossing the boundary of the premises; and
 - (b) returns sludge leachate from the storage area back to the treatment pond.

Schedule 1: Maps

Premises map

The Premises are shown in the map below. The red outline indicated the Premises Boundary.



Schedule 2: Prescribed Premises Categories

The Premises prescribed categories under schedule 1 of *Environmental Protection Regulation 1987*

Prescribed Premises categories

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 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.	20 tonnes or more per year	More than 20 but not more than 5,000 tonnes per annual period
61	Liquid Waste Facility: Premises on which liquid waste produced on other premises (other than sewerage waste) is stored, reprocessed, treated or irrigated.	100 tonnes or more per year	More than 100 but not more than 1,000 tonnes per annual period