



Licence number	L7288/1998/11
Licence Holder	Shire of Moora
Registered business address	34 Padbury St MOORA WA 6510
DWER file number	2012/007820-1~1
Duration	19/01/2015 to 18/01/2029
Date of amendment	21/09/2020
Premises details	Moora Townsite Rubbish Tip Legal description - Lot 3996 on Plan 181345 and Lot 1 on Diagram 42691 as depicted in Schedule 1. As shown in Schedule 1

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)	Assessed production capacity
Category 62 – Solid waste depot: premises on which waste is stored, or sorted, pending final disposal or re-use	500 tonnes per year
Category 64 – Solid waste depot: premises on which waste is stored, or sorted, pending final disposal or re-use	5000 tonnes per year

This licence is granted to the Licence Holder, subject to the attached conditions, on 21 September 2020, by:

Melissa Chamberlain

**SENIOR ENVIRONMENTAL OFFICER
INDUSTRY REGULATION**

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

Licence history

Date	Reference number	Summary of changes
19/01/2015	L7288/1998/11	Licence granted
29/04/2016	L7288/1998/11	Licence amendment to extend expiry date to 18 January 2029
21/09/2020	L7288/1998/11	Licence amendment to permit container deposit scheme activities and add category 62 throughput to 500 tpa.

Interpretation

In this licence:

- (a) the words 'including', 'includes' and 'include' in conditions mean "including but not limited to", and similar, as appropriate;
- (b) where any word or phrase is given a defined meaning, any other part of speech or other grammatical form of that word or phrase has a corresponding meaning;
- (c) where tables are used in a condition, each row in a table constitutes a separate condition;
- (d) any reference to an Australian or other standard, guideline, or code of practice in this licence:
 - (i) if dated, refers to that particular version; and
 - (ii) if not dated, refers to the latest version and therefore may be subject to change over time;
- (e) unless specified otherwise, any reference to a section of an Act refers to that section of the EP Act; and
- (f) unless specified otherwise, all definitions are in accordance with the EP Act.

NOTE: This licence requires specific conditions to be met but does not provide any implied authorisation for other emissions, discharges, or activities not specified in this licence.

Licence conditions

The Licence Holder must ensure that the following conditions are complied with:

Infrastructure and equipment

1. The Licence Holder must ensure that the site infrastructure and equipment listed in Table 1 is maintained and operated in accordance with the corresponding operational requirement set out in Table 1.

Table 1: Infrastructure and equipment requirements

Site infrastructure and equipment	Operational requirement
Approved CDS materials collection and storage area	<p>To consist of</p> <ol style="list-style-type: none"> a sorting table inside a shed with a concrete hardstand that drains towards a sump and roof system capable of directing stormwater away from waste storage areas; three metal skip bins for glass collection; a sea container for storage of plastics.

Waste Acceptance and Management

2. The Licence Holder, except where storage is prescribed in Table 3, shall ensure that environmentally hazardous materials are stored in accordance with the code of practice for the storage and handling of dangerous goods.
3. The Licence Holder shall immediately recover or remove and dispose of spills of environmentally hazardous materials outside an engineered containment system.
4. The Licence Holder shall recover or remove and dispose of any spills of residual liquids from approved CDS materials to the active tipping face of the landfill as soon as practicable.
5. The Licence Holder shall:
 - implement all practical measures to prevent stormwater run-off becoming contaminated by the activities on the Premises; and
 - treat contaminated or potentially contaminated stormwater as necessary prior to being discharged from the Premises 1.
6. The Licence Holder shall only allow waste to be accepted onto the premises if:
 - it is of a type listed in Table 2; and
 - the quantity accepted in below any limit specified in Table 2; and
 - it meets any specification listed in Table 2.

Table 2: Waste acceptance

Waste type	Quantity limit tonnes/ annual period	Total limit Tonnes annual period	Specification ¹
Clean Fill	5000 tpa		Not specified

Inert Waste Type 1			Waste containing visible asbestos or ACM shall not be accepted
Inert Waste Type 2			Tyres (99 tyres or less) and plastic only
Putrescible waste (including green waste)			Not specified
Special Waste Type 1			Cement bonded asbestos. No fibrous asbestos shall be accepted Asbestos must be wrapped in heavy duty plastic prior to acceptance
Other wastes meeting Class II criteria			Not specified
Metals and white goods	Not specified	Combined total of not more than 5500 tpa	Not specified
Hazardous waste			Limited to waste oil, paint, vehicle batteries, DrumMaster products
Approved CDS materials	500 tpa		Limited to approved CDS materials

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*.

7. Where waste is received at the Premises that is not permitted by the licence, the Licence Holder must:
 - (a) reject the waste for acceptance; and
 - (b) record the details of the waste source, waste carrier, registration number of the vehicle and the date of rejection; and
 - (c) maintain accurate and auditable records of all rejected loads on the Premises.
8. The Licence Holder must ensure that wastes accepted onto the premises are only subjected to the processes set out in Table 3 and in accordance with any process limits described in that table.

Table 3: Process Limits

Waste type	Process(es)	Process limits ^{1, 2}
Clean Fill	Receipt, handling, associated storage and disposal of waste by landfilling	<u>All wastes</u> The Licensee shall: <ul style="list-style-type: none"> ensure landfilling only takes place within a defined trench or within an area enclosed by earthen bunds; ensure no waste is temporarily stored or landfilled within 35 metres from the boundary of the premises; ensure the separation distance between the base of the landfill and the highest groundwater level is not less than 2m;
Inert Waste Type 1		
Inert Waste Type 2		
Putrescible Waste		

Special Waste Type 1		<ul style="list-style-type: none"> restrict the non-greenwaste tipping area to a maximum linear length of 30 metres; and manage the active landfill area such that at no time does landfilling result in the tipping face exceeding two metres in height. <p><u>Green waste</u> Greenwaste shall only be burnt if:</p> <ul style="list-style-type: none"> It has been dried and seasoned for at least 2 months before burning; it takes place in a designated burning area at least 25m from the boundary of any active disposal areas; it takes place in trenches or windrows; it takes place only when an adequate supply of water is available to effectively manage the burning process; it is free of any contaminant; and two persons with approved firefighting qualifications are in attendance until the Fire Control Officer declares the area safe. <p><u>Special Waste Type 1</u></p> <ul style="list-style-type: none"> Only to be disposed of into a designated disposal area within the landfill; Not to be deposited within 2m of the final tipping surface of the landfill; No works shall be carried out on the landfill that could lead to the asbestos being uncovered; and To be disposed of under supervision.
Metals and white goods	Receipt, handling and storage prior to removal off site	Not specified
Hazardous waste		To be stored on an impervious hardstand or within a designated impervious receptacle
Approved CDS materials	handling and storage prior to removal off site	Directed to the dedicated CDS facility.

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*.

9. The Licence Holder shall ensure that cover is applied and maintained on landfilled wastes in accordance with Table 4 and that sufficient stockpiles of cover are maintained on site at all times.

Table 4: Cover requirements

Waste Type	Material	Depth	Timescales
Inert Waste Type 1	No cover required		
Inert Waste Type 2	Type 1 Inert waste or	100mm	By the end of the working day in which the waste was deposited Plastic waste with the potential to become

	soil		windblown shall be covered as soon as practicable after deposit
Putrescible Waste		300mm	By the end of the working day in which the waste was deposited
Special Waste Type 1		300mm	As soon as practicable after deposit and prior to compaction
		1000mm	By the end of the working day in which the asbestos waste was deposited

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

10. The Licence Holder shall not burn or allow the burning of non-greenwaste on the Premises.
11. The Licence Holder shall ensure that there are appropriate procedures are in place at the premises so that any unauthorised fire is promptly extinguished
12. The Licence Holder shall implement the following security measures at the site:
 - (a) erect and maintain suitable fencing to prevent unauthorised access to the site; and
 - (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 damage as soon as practicable.
13. The Licence Holder 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.
14. The Licence Holder must ensure that all vehicles operate at speeds of less than 8 km per hour throughout the premises.
15. The Licence Holder shall install and/or maintain a sign at the entrance to the Premises which clearly displays the following information;
 - (a) hours of operation;
 - (b) contact telephone number;
 - (c) warning indicating penalties for people lighting fires; and
 - (d) list of materials accepted for recycling and the location of where they can be deposited on the premises
16. The Licence Holder shall use all reasonable and practical measures to prevent and where that is not practicable to minimise dust emissions from the Premises and shall ensure that no visible dust generated by the activities of the Premises crosses the boundary of the Premises.
17. The Licence Holder shall:
 - (a) ensure that firefighting equipment and systems are in good working order and capable of controlling a loose material fire;
 - (b) ensure contaminated firefighting water is not discharged beyond the boundary of the premises in the event of a fire.
 - (c) collect all recoverable fire wash-water and other waste that may result from firefighting on the premises; and

- (d) ensure that any firefighting washwater is removed without delay by a carrier licenced under the *Environmental Protection (Controlled Waste) Regulations 2004* and remove all fire impacted waste for disposal off-site to a suitably licensed premises.

Monitoring

18. The Licence Holder shall undertake the monitoring in Table 5 according to the specifications in that table.

Table 5: Monitoring of inputs and outputs

Input/Output	Parameter	Units	Averaging period	Frequency
Waste Inputs	Clean Fill, Inert Waste Type 1, Inert Waste Type 2, Putrescible Waste, Special Waste Type 1, metals and white goods, Hazardous Waste, Approved CDS materials	tonnes (where a weighbridge is present on the site) OR	N/A	Each load arriving at the Premises
Waste Outputs	Waste type as defined in the Landfill Definitions	m ³ (where no weighbridge is present)		Each load leaving or rejected from the Premises

19. The Licensee shall undertake the monitoring in Table 6 according to the specifications in that table.

Table 6: Monitoring of ambient groundwater quality

Monitoring point reference and location	Parameter	Units	Averaging period	Frequency
Bore (MB1)	Standing water level (SWL) ¹	m(AHD)	Spot sample	Six monthly
	pH ¹	-		
	Electrical conductivity	µS/cm		
	Cadmium (Cd)	mg/L		
	Copper (Cu)			
	Chromium (Cr)			
	Lead (Pb)			
	Potassium (K)			
	Manganese (Mn)			

	Total nitrogen			
	Ammonium-nitrogen (NH ₃ -N)			
	Nitrate + nitrite nitrogen (NO ₃ -N)			
	Total phosphorus			
	Zinc (Zn)			

Note 1: In-situ non-NATA accredited analysis permitted

- 20.** 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.

Records and reporting

- 21.** The Licence Holder must record the following information in relation to complaints received by the Licence Holder (whether received directly from a complainant or forwarded to them by the Department or another party) about any alleged emissions from the premises:
- (a) the name and contact details of the complainant, (if provided);
 - (b) the time and date of the complaint;
 - (c) the complete details of the complaint and any other concerns or other issues raised; and
 - (d) the complete details and dates of any action taken by the Licence Holder to investigate or respond to any complaint.
- 22.** The Licence Holder must:
- (a) record and investigate the exceedance of any descriptive or numerical limit or target specified in any part of section 2 of this Licence.
 - (b) undertake an audit of their compliance with the conditions of this licence during the preceding annual period; and
 - (c) prepare and submit to the CEO by no later than 60 days after the end of that annual period an Annual Audit Compliance Report in the approved form.
- 23.** The Licence Holder must maintain accurate and auditable books including the following records, information, reports, and data required by this licence:
- (a) the calculation of fees payable in respect of this licence;
 - (b) any maintenance of infrastructure that is performed in the course of complying with condition 2 of this licence;
 - (c) monitoring programmes undertaken in accordance with condition 3 of this licence; and
- 24.** The books specified under condition 23 must:
- (a) be legible;
 - (b) if amended, be amended in such a way that the original version(s) and any subsequent amendments remain legible and are capable of retrieval;

- (c) be retained by the Licence Holder for the duration of the licence; and
- (d) be available to be produced to an inspector or the CEO as required.

Notifications

25. The Licence Holder must immediately notify the CEO of:

- (a) any fire on the premises; and/or
- (b) any accident, malfunction, or emergency which results or could result in the discharge of fire-fighting wash water or other wastes from the premises.

Definitions

In this licence, the terms in Table have the meanings defined.

Table 7: Definitions

Term	Definition
Act	means the <i>Environmental Protection Act 1986</i>
ACM	products or materials (including fragments) that contain asbestos in an inert bound matrix such as cement or resin in a sound condition and in a form that cannot pass through a 7mm x 7mm sieve.
AHD	means the Australian height datum
Acceptance Criteria	has the meaning defined in Landfill Definitions
Annual Audit Compliance Report (AACR)	means a report submitted in a format approved by the CEO (relevant guidelines and templates may be available on the Department's website).
annual period	a 12 month period commencing from 1 July until 30 June of the immediately following year.
Approved CDS material	the register of products that have been approved by the Department of Water and Environmental Regulation in accordance with Division 3 of the <i>Waste Avoidance and Resource Recovery (Container Deposit Scheme) Regulations 2019</i>
AS/NZS 5667.1	means the Australian Standard AS/NZS 5667.1 <i>Water Quality – Sampling – Guidance of the Design of sampling programs, sampling techniques and the preservation and handling of samples</i>
AS/NZS 5667.11'	means the Australian Standard AS/NZS 5667.11 <i>Water Quality – Sampling – Guidance on sampling of groundwaters;</i>
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 Guidelines for Assessment, Remediation and Management of Asbestos Contaminated Sites, Western Australia, (DOH, 2009);
Averaging period	means the time over which a limit or target is measured or a monitoring result is obtained;
books	has the same meaning given to that term under the EP Act.

Term	Definition
CEO	means Chief Executive Officer of the Department. “submit to / notify the CEO” (or similar), means either: Director General Department administering the <i>Environmental Protection Act 1986</i> Locked Bag 10 Joondalup DC WA 6919 or: info@dwer.wa.gov.au
Clean Fill	has the meaning defined in Landfill Definitions
Code of Practice for the storage and handling of dangerous goods	means document titled “Storage and handling of dangerous goods: Code of Practice” published by the Department of Mines and Petroleum, as amended from time to time
Compliance Report	means a report in a format approved by the CEO as presented by the Licence Holder or as specified by the CEO (guidelines and templates may be available on the Department’s website).
Controlled Waste	has the definition in <i>Environmental Protection (Controlled Waste) Regulations 2004</i> ;
Dangerous Goods	has the meaning defined in the <i>Dangerous Goods Safety (Storage and Handling of Non-explosives) Regulations 2007</i> ;
Department	means the department established under section 35 of the <i>Public Sector Management Act 1994</i> (WA) and designated as responsible for the administration of the EP Act, which includes Part V Division 3.
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;
discharge	has the same meaning given to that term under the EP Act.
emission	has the same meaning given to that term under the EP Act.
environmentally hazardous material	means material (either solid or liquid raw materials, materials in the process of manufacture, manufactured products, products used in the manufacturing process, by-products and waste) which if discharged into the environment from or within the premises may cause pollution or environmental harm. Note: Environmentally hazardous materials include dangerous goods where they are stored in quantities below placard quantities. The storage of dangerous goods above placard quantities is regulated by the Department of Mines and Petroleum

Term	Definition
EP Act	<i>Environmental Protection Act 1986 (WA)</i>
EP Regulations	<i>Environmental Protection Regulations 1987 (WA)</i>
Fugitive Emissions	Means all emissions not arising from point sources identified in Sections 2.2, 2.3, 2.4 and 2.5;
hardstand	Means a surface with a permeability of 10^{-9} metres/second or less.
hazardous waste	as defined in the Landfill Definitions and further specified by this licence
Inert Waste Type 1	as defined in the Landfill Definitions and further specified by this licence
Inert Waste Type 2	as defined in the Landfill Definitions and further specified by this licence
Landfill definitions	Landfill Waste Classification and Waste Definitions 1996, as amended from time to time.
licence	refers to this document, which evidences the grant of a licence by the CEO under section 57 of the EP Act, subject to the specified conditions contained within.
Licence Holder	refers to the occupier of the premises, being the person specified on the front of the licence as the person to whom this licence has been granted.
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	refers to the premises to which this licence applies, as specified at the front of this licence and as shown on the premises map in Schedule 1 to this licence.
prescribed premises	has the same meaning given to that term under the EP Act.
putrescible waste	as defined in the Landfill Definitions and further specified by this licence
quarantined storage area or container	means a hardstand storage area or sealed-bottom container that is separate and isolated from authorised waste disposal areas and is capable of containing all non-conforming waste and its constituents, these areas must be clearly marked and their access restricted to authorised personnel
Rehabilitation	means the completion of the engineering of a landfill cell and includes capping and/or final cover
Schedule 1	means Schedule 1 of this Licence unless otherwise stated;

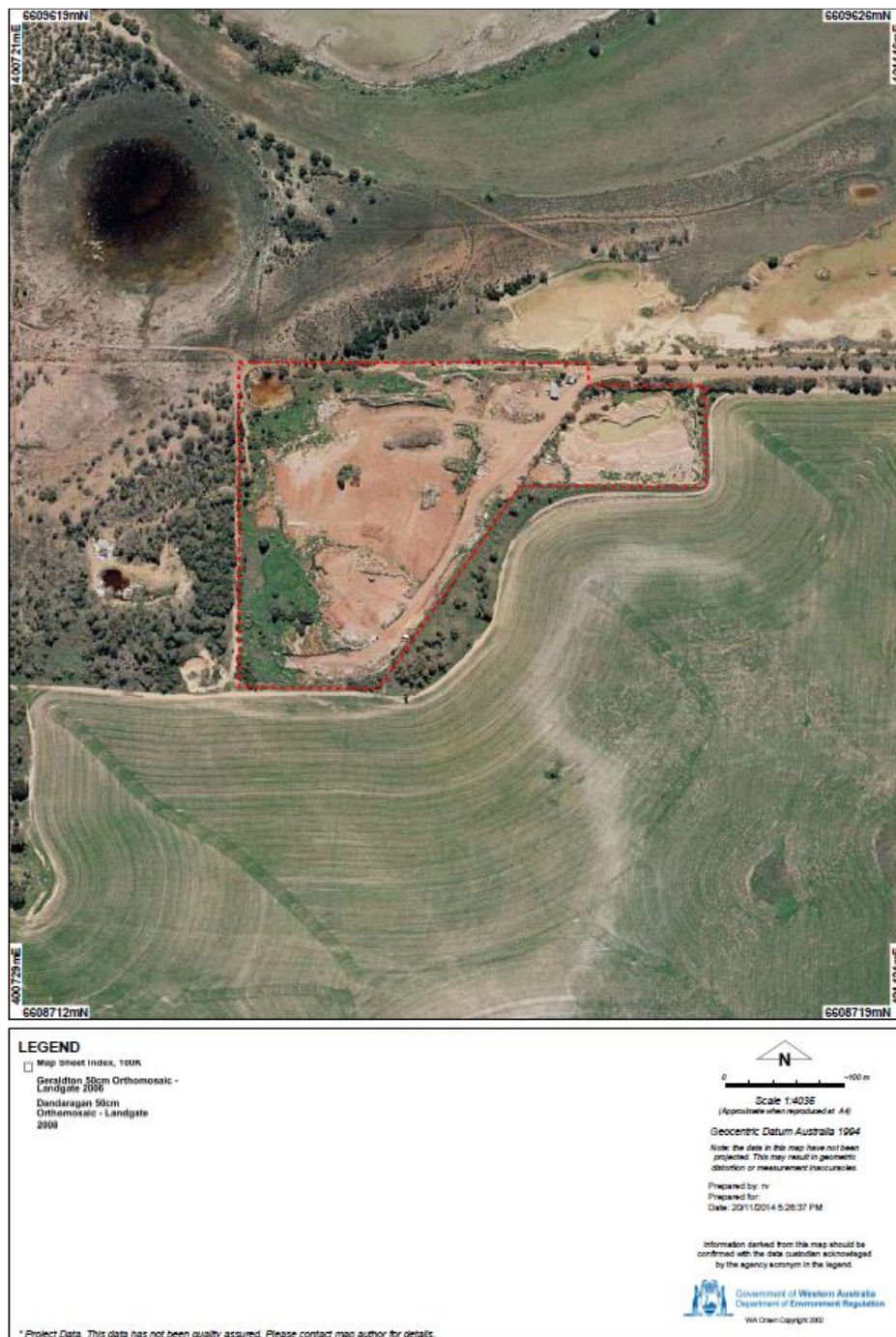
Term	Definition
Special Waste Type 1	has the meaning defined in Landfill Definitions
Spot Sample	means a discrete sample representative at the time and place at which the sample is taken
Suitable Licensed Premises	means a premises that holds an active authorisation under Part V, Division 3 of the EP Act to accept that waste type.
Usual Working Day	means 0800 – 1700 hours, Monday to Friday excluding public holidays in Western Australia.
waste	has the same meaning given to that term under the EP Act.

END OF CONDITIONS

Schedule 1: Maps

Premises map

The Premises are shown in the maps below. The red line depicts the Premises boundary.



L7288/1998/11

IR-T06 Licence template (v7.0) (February 2020)

CDS area map

