



Licence number	L6977/1997/10
Licence holder	Shire of Northam
Registered business address	395 Fitzgerald Street NORTHAM WA 6401
DWER file number	DEC2319/2~2
Duration	9 October 2011 to 8 October 2027
Date of issue	18 August 2011
Date of amendment	9 January 2024
Premises details	Old Quarry Road Waste Disposal Facility Old Quarry Road NORTHAM WA 6401 Legal description - Reserve 26840 Lot 422 on Plan 101078 Old Quarry Road NORTHAM WA 6401

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)	Assessed design capacity
Category 57: Used tyre storage	300 tyres at any one time
Category 61: Liquid waste facility	7, 000 tonnes per annum
Category 62: Solid waste facility	3, 000 tonnes per annum
Category 64: Class II putrescible landfill site	50, 000 tonner per annum

This licence is granted to the Licence Holder, subject to the attached conditions, on 9 January 2024, by:

Grace Campbell

A/MANAGER WASTE INDUSTRIES – REGULATORY SERVICES

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

[L6977/1997/10 \(Amended: 09/01/2024\)](#)

Licence history

Date	Reference number	Summary of changes
--/--/1997	L6977/1997/1	Licence issued.
15/11/2000	L6977/1997/3	Licence reissue.
29/10/2001	L6977/1997/4	Licence reissue.
04/10/2002	L6977/1997/5	Licence issued.
17/11/2003	L6977/1997/6	Licence reissue.
23/08/2004	L6977/1997/7	Licence reissue.
27/09/2005	L6977/1997/8	Licence issued.
09/10/2008	L6977/1997/9	Licence reissue.
18/08/2011	L6977/1997/10	Licence issued.
27/09/2012	L6977/1997/10	Amended licence issued.
23/10/2014	W5725/2014/1	Works approval for construction of additional liquid waste pond.
31/05/2016	L6977/1997/10	Amendment initiated by DoE officer. Full premises review and addition of liquid waste conditions.
03/12/2019	W6295/2019/1	Works approval to facilitate development of a transfer station, recycling facility, and tip shop.
09/01/2024	L6977/1997/10	Amendment to incorporate additional infrastructure into the Licence as approved under W6295/2019/1.

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

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- (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 and located at the corresponding infrastructure location 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	Infrastructure location
Transfer station	Concrete hardstand coefficient of permeability less than 1×10^{-9} maintained. Bitumen seal maintained such that any cracks or potholes are filled with an appropriate bituminous seal.	At the location shown in Figure 1.
Drum muster compound	A full wire mesh enclosure atop a compacted gravel and clay floor.	At the location labeled 'Used agricultural chemicals' as shown in Figure 2.
Waste oil receptacle and waste oil drum storage area	A fully roofed above-ground, metal storage vessel within a bunded hardstand area designed to contain 110% of the volume of the storage vessel and waste oil drums.	At the location labelled 'Waste mineral oils unfit for their intended purpose and waste oil' in Figure 2.
Class II landfill	The Licence Holder shall ensure that: <ul style="list-style-type: none"> • No waste is placed closer than 35 metres to the Premises boundary, • Waste is placed in a defined trench or within an area enclosed by earthen bunds, • The tipping area is restricted to a maximum linear length of 30 metres, • Sufficient cover material is stockpiled to allow waste to be covered in accordance with condition 4 of this Licence, and to cover waste in the event of a fire, • Except where trenches are used, initially spread waste in layers not more than 500 mm thickness prior to being compacted with a minimum of five (5) passes with the dedicated machine, • The active landfill area is managed such that at no time does landfilling result in an exposed face exceeding two (2) metres in vertical height; and • A final soil cover of at least one (1) metre thickness is placed over inactive landfilling areas. 	At the location labelled 'Active Landfill' as shown in Figure 1.

Site infrastructure and equipment	Operational requirement	Infrastructure location
Liquid waste ponds	<ul style="list-style-type: none"> • 5 working ponds with dimensions of 37.5 x 26 x 1.5 and a working volume of 1,100 m³. • 400 mm freeboard maintained in all ponds. • Lined using Enviroliner 6030 synthetic liner with minimum coefficient of permeability of 3×10^{-11}. • Sacrificial synthetic liners replaced every 5 years as part of pond rotation. 	Southwest corner of Premises as depicted in Figure 1.

Waste acceptance

2. The Licence Holder must only accept onto the Premises waste of a waste type, which does not exceed the corresponding rate at which waste is received, and which meets the corresponding acceptance specification set out in Table 2.

Table 2: Waste acceptance.

Waste type	Category	Rate at which waste is received	Acceptance specification
Used tyres	57	Maximum 300 tyres to be stored onsite at one time	None specified.
Sewage	61	7, 000 tonnes per annum	Bulk controlled waste only.
Waste from grease traps			
Animal effluent and residues			
Sewage waste from the reticulated sewerage system and septage wastes			
Car and truck washwaters			
Fire debris and washwaters			
Waste mineral oils unfit for their intended purpose and waste oil, and water mixtures or emulsions, and hydrocarbons and water mixtures or emulsions, oil interceptor wastes, oil sludge and used oil filters.	62	100 tonnes per annum	Packaged waste only (no tankered waste).
Household hazardous wastes		350 tonnes per annum	<p>(a) Limited to the waste types listed in Schedule 3; and</p> <p>(b) Combined quantities must not exceed 20L or 20kg per waste delivery.</p>
Used agricultural chemical containers			<p>(a) Empty; and</p> <p>(b) Triple rinsed to remove residues prior to arrival at the Premises.</p>

Waste type	Category	Rate at which waste is received	Acceptance specification
Scrap metal			None specified.
Whitegoods			
E-waste			
Car and household batteries			
Paper and cardboard			
Greenwaste			
Waste paint			
Mattresses			
Waste oil containers			
Waste oil and coolants			
Construction and demolition waste			Limited to bricks, concrete, and asbestos free rubble.
Green waste	64		None specified.
Clean fill			
Inert waste type 1			
Inert waste type 2			
Putrescible wastes			
Special waste type 1			<p>(a) Separated from other presented waste material;</p> <p>(b) Sealed in double-lined or double bagged, heavy duty plastic sheeting of at least 0.2 mm thickness; and</p> <p>(c) Labelled or marked with the words "CAUTION — ASBESTOS" in letters not less than 50 mm high.</p>
Special waste type 2 (Clinical and biomedical wastes)			None specified.

3. During pre-inspection of waste loads at the gatehouse, where waste does not meet the waste acceptance requirements set out in condition 2, the Licence Holder must:

- (a) record the details of the:
 - (i) waste (type, description and volume);
 - (ii) source of the waste load;
 - (iii) name of the waste carrier;
 - (iv) registration number of the delivery vehicle; and
 - (v) date that the waste load was rejected,

and

(b) reject the waste and have it removed from the Premises by the waste supplier's delivery vehicle;

or

(c) where the waste supplier cannot immediately remove the waste in the delivery vehicle, it is stored in a quarantined storage area or container and removed to an appropriately authorised facility within 14 days of receipt.

Waste processing and operations

4. The Licence Holder must ensure that wastes accepted onto the premises are only subjected to the process(es) set out in Table 3 and in accordance with any process limits or specifications described in that table.

Table 3: Waste processing.

Category	Waste type	Process(es)	Process limits or specifications
57	Used tyres	Receipt, handling, and storage prior to disposal.	a) No more than 300 tyres shall be stored above ground at the Premises at any one time. b) Tyres must be stacked on their sides or in the laced storage format referred to in DFES Guidance Note 2 and as depicted in Schedule 2 Figure 3. c) Individual tyre stacks must not exceed 3.7 metres in height, 60 m ² in area or 12.5 tonnes in weight. d) Tyre Piles may only contain a maximum of four individual tyre stacks with a minimum separation distance of 2.5 metres between each tyre stack in that Tyre Pile, as depicted in Schedule 2 Figure 5 and Figure 6. . e) A minimum separation distance of 18 metres must be maintained between each tyre pile. f) Tyre stacks and tyre piles must be located at least 6 metres from any combustible material, wall, building or fence. g) Tyre stacks and tyre piles must be located at least 18 metres from the Premises boundary.
61	Sewage Waste from grease traps Animal effluent and residues Sewage waste from the reticulated sewerage system and septage wastes Car and truck washwaters Fire debris and washwaters	Disposal to treatment ponds.	None specified.

Category	Waste type	Process(es)	Process limits or specifications
	Waste mineral oils unfit for their intended purpose and waste oil, and water mixtures or emulsions, and hydrocarbons and water mixtures or emulsions, oil interceptor wastes, oil sludge and used oil filters.	Receipt and storage prior to offsite removal.	Stored within an above ground, storage vessel located on a bunded hardstand designed to contain 110% of the volume of the storage vessel and covered to provide shelter from rainfall.
62	Paper and cardboard	Receipt, handling, and storage prior to offsite disposal.	Stored within an enclosed receptacle above a concrete or bitumen hardstand.
	Scrap metal		Stored within an enclosed receptacle or stockpiled separately when oversized.
	Whitegoods		
	Waste oil containers		Stored on a bunded hardstand designed to contain 110% of the volume of the containers and covered to provide shelter from rainfall.
	Waste oil and coolants		Stored on a covered, self-bunded pallet designed to contain 110% of the volume of the stored containers.
	E-waste		Stored within self-contained storage and transport containers.
	Household hazardous waste		Stored within dedicated, impermeable and bunded storage containers. No decanting is permitted.
	Used agricultural chemical containers		Stored within a Drum Muster cage above a compacted gravel hardstand.
	Car and household batteries		Stored on a covered, self-bunded pallet atop a compacted gravel hardstand.
	Waste paint		Stored on a covered, self-bunded pallet atop a compacted gravel hardstand.
	Mattresses		Stored within the self-contained storage and transport container. No more than 50 mattresses to be stored onsite at any time.
	Construction and demolition waste		n/a
	Green waste	Storage pending onsite burial.	Stored within an enclosed receptacle or stockpiled separately when oversized.
	Putrescible waste		(a) Stored within an enclosed receptacle above a concrete or bitumen hardstand. (b) Storage must not exceed 48 hours.
64	Clean fill	Receipt, handling and storage prior to placement or use as waste cover.	None specified.
	Inert waste type 1		

Category	Waste type	Process(es)	Process limits or specifications
	Inert waste type 2	Receipt, handling, and onsite burial.	Cover waste with at least 230 mm of cover material at least weekly or where continuous cover techniques are used, cover the waste with at least 100mm of cover daily, so that no waste is exposed.
	Putrescible wastes (including greenwaste)		<ul style="list-style-type: none"> (i) Cover waste with at least 230 mm of cover material at least weekly or where continuous cover techniques are used, cover the waste with at least 100mm of cover daily, so that no waste is exposed, (ii) Cover municipal waste within twenty-four (24) hours of delivery or by the end of the next working (site opening) day,

Category	Waste type	Process(es)	Process limits or specifications
	Special waste type 1	Receipt, handling, and storage prior to disposal	<p>Asbestos received in accordance with condition 2 must be stored in a dedicated receptacle for asbestos material.</p> <p>The Licence Holder shall ensure that asbestos waste or material containing asbestos is deposited at the premises according to the following requirements prior to burial:</p> <ul style="list-style-type: none"> (i) Immediately following placement in the asbestos pit, cover the asbestos waste or material containing asbestos with a layer of soil at least 300 mm thick or with a layer of dense, inert, and incombustible material at least 1 metre thick, (ii) Record as grid references on a premises plan all locations used for the disposal of asbestos waste or material containing asbestos and keep this plan as a permanent record, (iii) Keep a permanent register of each load of asbestos waste or material containing asbestos deposited at the premises, including the date, the name of person that deposited the asbestos or material containing asbestos and the vehicle registration number, (iv) Witness the covering of the asbestos waste or material containing asbestos and sign the register referred to above within two hours of the covering taking place, (v) Not deposit any asbestos waste or material containing asbestos within two metres of the final tipping surface of the landfill, (vi) Operate the landfill such that any existing asbestos waste or material containing asbestos deposited at the premises remains undisturbed, and (vii) Make all records available for viewing or copying by an authorised person or inspector upon request.

Category	Waste type	Process(es)	Process limits or specifications
	Special waste type 2 (Clinical waste and biomedical waste)	Onsite burial in Class II landfill.	<p>The Licence Holder shall take the following measures when managing Special Waste Type 2 at the premises:</p> <ul style="list-style-type: none"> (i) Ensure that clinical waste is disposed of under the supervision of premises staff, (ii) Ensure that the clinical waste is covered as soon as practicable after its disposal with a dense, inert, and incombustible material to a depth of at least one metre, (iii) Ensure that there is kept at the premises an accurate and up to date register of clinical waste disposed of at the premises, (iv) 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, (v) Ensure that the person supervising the disposal of clinical waste makes an entry in the register within 2 hours of supervising the covering of the waste stating: <ul style="list-style-type: none"> a) The date; b) the person's name; c) that the waste has been covered in accordance with this condition; and d) where more than one square metre of waste was covered, grid co-ordinates with reference to the plan of the premises so that the position of the waste can be easily and accurately ascertained. (vi) Ensure the disposal areas for clinical waste are not excavated or uncovered during subsequent landfill operations. (vii) Restrict access to the parts of the premises where the Special Waste Type 2 is buried to authorised personnel only; and (viii) Make all records available for viewing or copying by an authorised person or inspector upon request.

Emissions and discharges

Operational controls

5. The Licence Holder must only operate the Transfer Facility between the hours of 8 am to 5 pm.
6. The Licence Holder shall maintain a security mesh fence, at least 1.8 metres high, around the boundary of the active landfill area.
7. The Licence Holder shall maintain a 1.8m high stock-proof fence around the perimeter of the premises and securely lock any entrance to the premises when the premises is unattended.
8. The Licence Holder shall undertake weekly maintenance inspections of the fence and gates referred to in conditions 5 and 7 of this licence and ensure that any damage to the fencing or gate(s) are repaired within on working day of its discovery.
9. The Licence Holder shall contain windblown waste within the boundaries of the active landfill area by installing and maintaining litter screens on three sides around and within two metres of the tipping area or trench, and regularly covering compacted waste.
10. The Licence Holder shall collect any waste that has been washed or blown away from the tipping area and return it to the tipping area on a weekly basis.
11. The Licence Holder must undertake a weekly inspection for windblown waste from the Waste Transfer Station, and return any identified waste to the relevant receptacle in the Transfer Station.
12. The licence holder shall maintain a sign at the entrance to the premises which clearly displays the following:
 - (i) Hours of operation;
 - (ii) Contact telephone number for information and complaints or notifications of fires;
 - (iii) A list of materials that are accepted for recycling and the location for where they can be deposited on the premises;
 - (iv) A list of materials accepted for burial;
 - (v) The types of waste that must not be deposited on the premises and a contact telephone number for alternative disposal options; and
 - (vi) A warning, indicating penalties for people lighting fires.

Dust management

13. The Licence Holder shall ensure that no visible dust crosses the boundary of the Premises.

Fire management

14. The Licence Holder shall not burn or allow the burning of any waste on the Premises.
15. The Licence Holder shall have procedures in place at the Premises so that any unauthorised fire is promptly extinguished.
16. The Licence Holder shall ensure that any unauthorised fire on the premises is extinguished within eight hours of being notified of the fire.
17. The Licence Holder shall provide the CEO within 14 days from the time of becoming aware of an unauthorised fire at the premises a report outlining:

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- (i) The date and time that the fire was discovered;
- (ii) The date and time the fire was extinguished;
- (iii) The location of the fire;
- (iv) The known or suspected cause of the fire
- (v) Confirmation of attendance of any emergency services personnel;
- (vi) Any known or suspected damage to the landfill or landfill infrastructure as a result of the fire;
- (vii) Actions undertaken by the Licence Holder to replace or repair any damage to the Premises infrastructure; and
- (viii) Actions undertaken by the Licence Holder to prevent another fire occurring at the premises from the same known or suspected cause.

Spill management

18. The Licence Holder must remove and dispose of any liquid resulting from spills or leaks of chemicals including fuel, oil, or other hydrocarbons, whether inside of or outside of the waste oil bunded area, to an approved facility for that waste type.

Surface water management

19. The Licence Holder must ensure that all stormwater on the Premises is diverted away from the Transfer Station.
20. The Licence Holder shall ensure that all stormwater on the premises is diverted away from those portions of the premises which are or have been used for waste deposition.
21. The Licence Holder shall ensure that all stormwater drains and sumps on the premises are kept clear of any waste to allow effective drainage.
22. The Licence Holder must ensure that water which has come into contact with waste is diverted into a sump on the Premises or otherwise retained on the Premises.
23. The Licence Holder shall maintain a minimum horizontal distance of at least one hundred (100) metres between the previously filled areas of the premises and the current tipping area and any surface water body, excluding the site stormwater collection dam.

Groundwater protection

24. The Licence Holder shall maintain an undisturbed separation distance of at least three (3) metres below the base of the deepest excavation and the highest seasonal level of the groundwater.

Monitoring

Waste inputs and outputs monitoring

25. The Licence Holder must record the total amount of waste accepted onto the premises, for each waste type listed in Table 4, in the corresponding unit, and for each corresponding time period, as set out in Table 4.

Table 4: Monitoring of inputs and outputs.

Waste type	Parameter	Units	Frequency
All waste types set out in Table 2.	Waste inputs	Tonnes	Each load arriving at the Premises.
	Waste outputs		Each load rejected or removed from the Premises.

Groundwater monitoring

26. The Licence Holder shall maintain monitoring bores, designated 1, 2, 3 and 4, at the locations depicted in Figure 1, to allow representative water samples to be collected.
27. The Licence Holder shall, at the sampling frequencies stated in Column 2 of Table 5, measure the parameters detailed in Column 3 of Table 5 at the sites identified in Column 1 of Table 5.

Table 5: Groundwater monitoring.

Column 1	Column 2	Column 3
Monitoring sites	Sampling frequency	Parameters to be measured
Monitoring bore number 3 and 2 as depicted in Figure 1.	Six-monthly (March and September)	pH, Conductivity, Nitrate- nitrogen, Ammonia nitrogen, Total Nitrogen, Total Phosphorus, Total Dissolved Solids, Lead, Mercury, Copper, Chromium (hexavalent), Arsenic, Nickel, Zinc, Cadmium, Manganese, Molybdenum, Selenium and Standing Water Level (SWL) ^{1&2}
Monitoring bores 1 and 4 around the septage lagoon as shown in Figure 1.	Six-monthly (March and September)	Total Dissolved Solids, Total Nitrogen, Total Phosphorus, and Standing Water Level (SWL) ^{1&2}

Note 1: SWL shall be determined prior to collection of other water samples and reported in AHD.

Note 2: Except for standing water level, pH and conductivity all measurements are to be reported in mg/L.

28. The Licence Holder shall ensure samples are collected in accordance with Australian Standard 5667.
29. The Licence Holder shall ensure all water samples are submitted to a laboratory with current NATA registration for the analyses specified, and analysed in accordance with the current 'Standard Methods for Examination of Water and Wastewater-APHA-AWWAWEF', for the parameters listed in condition 27.

Records and reporting

30. 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;

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- (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.
- 31.** The licence holder must:
- (a) prepare an environmental report that provides information in accordance with the requirements set out in Table 6 for the preceding two annual periods, and
 - (b) submit that environmental report to the CEO by no later than 30 calendar days after the end of every second annual period.

Table 6: Environmental reporting requirements.

Condition	Requirement
All	Any issues raised from inspections or incident responses during the reporting period together with details as to how these have been addressed/rectified or, if the required work has yet to be completed, how and when they will be rectified/completed.
9	The measures taken to control windblown waste.
13	The measures taken to suppress dust
17	The number and severity of any fires at the Premises.
25	Waste acceptance monitoring.
27	Groundwater monitoring results obtained in accordance with the monitoring program outlined in condition 27.
30	Complaints received and subsequent investigations and remedial actions.
n/a	Any changes to the premises boundary, internal buffer zones, asbestos and biomedical waste disposal areas, location of groundwater monitoring bores, surface drainage channels and on-site or off-site impacts or pollution.

- 32.** 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 1 of this licence;
 - (c) monitoring programmes undertaken in accordance with condition 27 of this licence; and

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- (d) complaints received under condition 30 of this licence.
- 33.** The books specified under condition 32 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.
- 34.** The Licence Holder must:
 - (a) undertake an audit of their compliance with the conditions of this licence during the preceding annual period; and
 - (b) prepare and submit to the CEO by no later than 30 days after the end of that annual period an Annual Audit Compliance Report in the approved form.

Definitions

In this licence, the terms in Table 7 have the meanings defined.

Table 7: Definitions.

Term	Definition
ACN	Australian Company Number
AHD	means Australian Height Datum as defined by Geoscience Australia (a Federal Government agency) and forms the reference for the measurement and reporting of stack heights, land surface elevation and heights of water tables and the like
AS/NZS	means the most recent version (unless otherwise stated) of the specified Australian and New Zealand Standard as jointly published by Standards Australia International Ltd, Sydney and Standards New Zealand, Wellington.
AS 1940	means the most recent version of the Australian Standard for the storage and handling of flammable and combustible liquids; (see also AS or Australian Standard).
AS/NZS5667 or Australian Standard 5667	means the most recent version and the relevant parts of the Australian and New Zealand series of guidance standards on Water Quality Sampling; (see also AS/NZS).
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 October until 30 September of the immediately following year.
asbestos waste	means materials that contain asbestos as defined in the <i>Environmental Protection (Controlled Waste) Regulations 2004</i> .
books	has the same meaning given to that term under the EP Act.
buffer	means the distance from the boundary of the Premises to any area on the Premises used for disposal, storage, or transfer of waste.
car tyre equivalents	are based on the following relativities: <ul style="list-style-type: none"> (i) 1 truck tyre equals 7 car tyres; (ii) 1 light truck tyre equals 1.5 car tyres; (iii) 1 super single equals 14 car tyres; and (iv) 1 earth moving tyre equals 20 car tyres;

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 same meaning given to that term in the Landfill Definitions.
clinical waste	has the same meaning given to that term in the Landfill Definitions.
condition	means a condition to which this licence is subject under s.62 of the EP Act.
cover material	means subsoil or other approved inert waste used for covering of waste.
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.
discharge	has the same meaning given to that term under the EP Act.
DFES Guidance Note 2	means the document titled <i>Guidance Note 2: Bulk storage of rubber tyres including shredded and crumbed tyres</i> published by the Department of Fire and Emergency Services, 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.
EP Act	<i>Environmental Protection Act 1986</i> (WA)
EP Regulations	<i>Environmental Protection Regulations 1987</i> (WA)
e-waste	means discarded electrical or electronic devices.
FESA	means the Fire and Emergency Services Authority of Western Australia.
Fire control officer	in relation to the Premises, means a person who has such qualifications in firefighting or fire control as are approved, appointed to that position by the occupier of the Premises;
garden waste or green waste	means biodegradable waste comprising of plants and their component parts such as flower cuttings, hedge trimmings, branches, grass, leaves, plants, seeds, shrub, and tree loppings, tree trunks, tree stumps and similar materials and include any mixture of those materials.

Term	Definition
hardstand	means an area with a prepared (sealed) or natural surface which has a low permeability (i.e., having a hydraulic conductivity of less than 10^{-9} metres per second at unity hydraulic gradient) which prevents escape of any liquids from the surface into the subsoil and groundwater.
Household Hazardous Wastes	means the materials listed in Schedule 3 disposed of by occupiers of private residences; that is, not produced by industrial or other sources.
Inert Waste Type 1	has the same meaning given to that term in the Landfill Definitions.
Inert Waste Type 2	has the same meaning given to that term in the Landfill Definitions.
landfill definitions	means the document titled <i>Landfill Waste Classification and Waste Definitions 1996</i> , 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.
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.
mg/L	means milligrams per litre.
municipal waste	means collected by the kerbside by the local authority collection vehicle or its contractor.
NATA	means National Association of Testing Authorities.
packaged	has the same meaning as defined in the <i>Environmental Protection (Controlled Waste) Regulations 2004</i> .
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 (Figure 1 in Schedule 1 to this licence).
putrescible	has the same meaning given to that term in the Landfill Definitions.
prescribed premises	has the same meaning given to that term under the EP Act.
Special Waste Type 1	has the same meaning given to that term in the Landfill Definitions.

Term	Definition
Standard Methods for Examination of Water and Wastewater	means the most recent edition of the "Standard Methods for Examination of Water and Wastewater" as published by the American Public Health Association (APHA), the American Water Works Association (AWWA) and the Water Environment Federation (WEF), generally abbreviated to APHA-AWWA-WEF.
SWL or standing water level	means the water level of any surface water or in any piezometer measured prior to sampling and expressed in metres AHD.
surface water body	means any natural or artificial water course or wetland (as those terms are defined in the <i>Rights in Water Irrigation Act 1914</i>), dam or other impoundment and any other surface water exposed to the atmosphere.
tipping area	means the area of the Premises where waste currently being brought to the Premises is being deposited.
tyre pile	means a group of four tyre stacks.
unshredded tyres	means tyres that have not been through a machine that has the capability of reducing the rubber to an approximate size of 250 mm by 250 mm.
waste	has the same meaning given to that term under the EP Act.

END OF CONDITIONS

Schedule 1: Maps

Premises map

The boundary of the prescribed premises is shown in the map below (Figure 1).



Figure 1: Map of the boundary of the prescribed premises.



Figure 2: Waste transfer station.

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IR-T06 Licence template (v6.0) (February 2020)

Schedule 2: Tyre storage configurations

Laced Storage - For Outdoor Storage Only - Tyres are stacked in an overlapping manner to create a woven or laced arrangement. This configuration helps limit fire spread as it reduces ability of burning tyres to fall and roll into unignited stock, figure 5.



Figure 3: Laced storage of tyres.

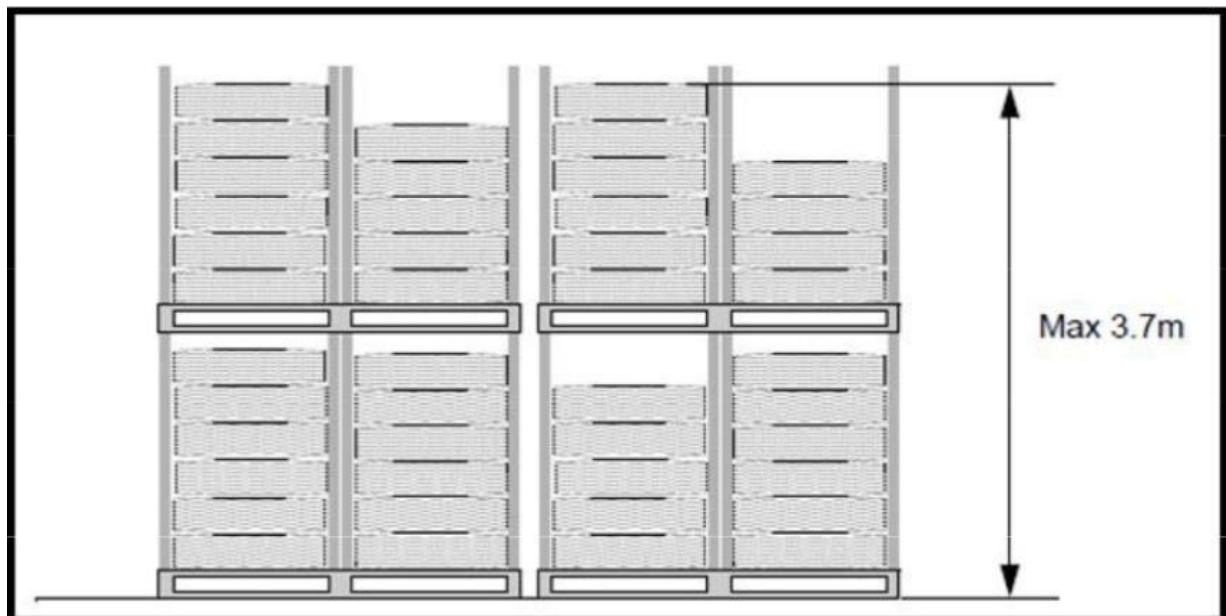


Figure 4: Maximum tyre stack heights.

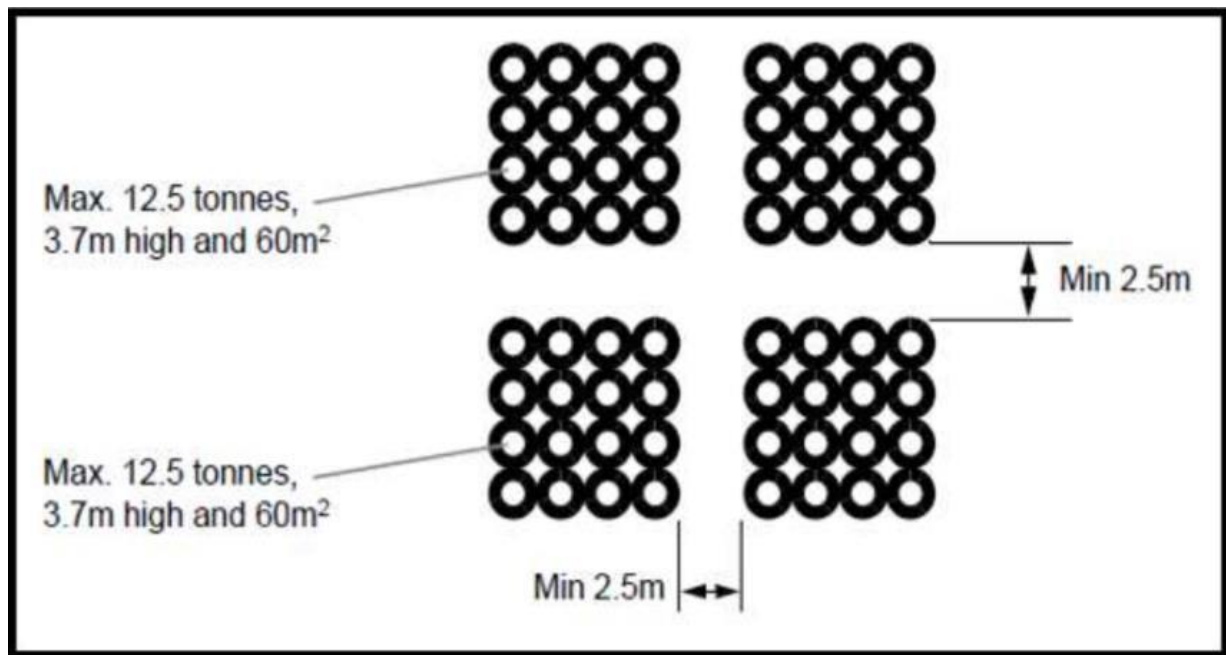


Figure 5: Minimum separation distance between four tyre stacks in one tyre pile.

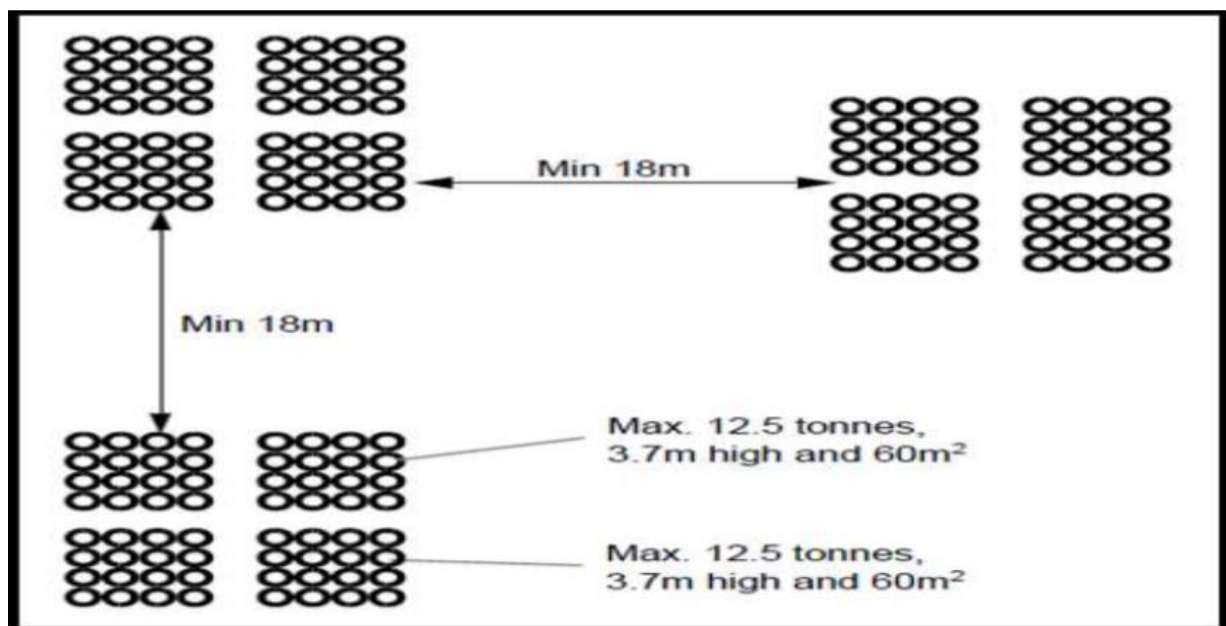


Figure 6: Minimum separation distance between tyre piles.

Schedule 3: Household Hazardous Wastes

Acids
Aerosols – CFC based
Aerosols, flammable – paint and lacquers
Aerosols, flammable - pesticide
Alkalis
Arsenic based products
Batteries - household, dry cell
Cyanides
Engine coolants and glycols
Fire extinguishers – non-Halon
Flammable liquids – hydrocarbons and fuels
Flammable solids
Flares
Fluorescent tubes, compact fluorescent lights and light fittings
Gas cylinders – other
Gas cylinders – propane
General household chemicals e.g., cleaners
Heavy metal compounds
Inorganic oxidising agents – e.g., pool chlorine
Low level radioactive substances e.g., smoke detectors
Mercury – elemental
Organic peroxides
Paint – metal based
Paint – other, including isocyanates and amines
Paint – recyclable

Paint – solvent based, including resins and adhesives
Paint – water based
PCB materials
Pesticides – non-Schedule X
Pesticides – Schedule X
Solvents – halogenated
Toxics