



Licence number	L9262/2020/1
Licence holder	Minesite Recycling Pty Ltd
ACN	128 335 893
Registered business address	44-46 Maritana Street KALGOORLIE WA 6430
DWER file number	DER2020/000313
Duration	10/12/2020 to 9/12/2040
Date of issue	10/12/2020
Premises details	Minesite Recycling 68 Chaffers Street SOUTH BOULDER WA 6432 Lot 1912 on Deposited Plan 187369, Volume 2068 Folio 584, as depicted in Figure 1 and Figure 2; in Schedule 1.

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)	Assessed production / design capacity
Category 61 – Liquid waste facility: premises on which liquid waste produced on other premises (other than sewerage waste) is stored, reprocessed, treated or irrigated.	10,000 tonnes per annual period

This licence is granted to the licence holder, subject to the attached conditions, on 06/08/2021, by:

STEPHEN CHECKER
MANAGER WASTE INDUSTRIES
REGULATORY SERVICES

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

Licence history

Date	Reference number	Summary of changes
10/12/2020	L9262/2020/1	Licence granted.
06/08/2021	L9262/2020/1	Licence amendment to install and operate two new self-bunded tanks and accept new waste types.

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 and located at the corresponding infrastructure location 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 requirements	Infrastructure location
Stormwater drains	(a) Stormwater drain located on the premises capable of diverting surface storm water away from the liquid waste storage areas. (b) Stormwater drains maintained to allow for free flow of storm water.	Figures 1 and 2 in Schedule 1
Liquid waste unloading and storage area	(a) Maintained as a roofed and walled warehouse with impervious concrete floor construction. (b) The loading and unloading of all IBCs containing liquid waste to occur within the loading and storage area, on the impervious concrete hardstand and as directed by the traffic flow sign on site. (c) IBCs stored within the storage area on an impervious concrete hardstand, under a permanent roofed structure. (d) Vehicle speed limit signs displayed. (e) Must manage spills in accordance with “ <i>Minesite Recycling Spill Response Standard Operating Procedure</i> ” (Schedule 2) (f) Spill kits to be available for the clean-up of any/all spills or leaks at the premises. (g) Maximum overall total volume of $\leq 250,000$ L of Liquid Waste to be stored at any given time, within all storage areas.	Located in the liquid waste unloading and storage area, as depicted in Figures 1 and 2 in Schedule 1.
Self-bunded tanks 50kL and 110kL	(a) Maintained as self-bunded tanks on the road-base hardstand area. (b) The loading and unloading of all liquid waste to occur within the bunded impervious concrete bund and as directed by the traffic flow sign on site. (c) Must manage spills in accordance with “ <i>Minesite Recycling Spill Response Standard Operating Procedure</i> ” (Schedule 2) (d) Spill kits to be available for the clean-up of any/all spills or leaks at the premises.	Figure 3 in Schedule 1

Site infrastructure and equipment	Operational requirements	Infrastructure location
	(e) Maximum overall total volume of $\leq 250,000\text{L}$ of Liquid Waste to be stored at any given time, within all storage areas.	
Concrete bund adjacent to the 50kL and 110kL self-bunded tanks	(a) must be concrete with a permeability of less than 1×10^{-9} m/s or equivalent; and (b) incorporate a bund to ensure liquid waste does not overspill into the adjacent road-base area.	Figures 3 in Schedule 1
Firefighting equipment	a) At least two portable fire extinguishers (Foam and AB:E fire extinguishers) capable of controlling and extinguishing a fire to be located within the bulk storage area. b) Fire extinguishers maintained onsite in good working order at all times in accordance with the standard AS2444 and AS 1851. c) 240v hard wired heat detection circuit throughout the storage shed; d) Minimum hydrant flow rate of 20L/s is provided at suitable pressure (minimum pressure 2.5 BAR) in accordance with AS2419.1.	Located in the liquid waste unloading and storage area, as depicted in Figures 1 and 2 in Schedule 1.

2. The Licence Holder must ensure contaminated firefighting water is not discharged beyond the boundary of the Premises in the event of a fire.
3. The Licence Holder must ensure that following a fire any contaminated liquid is removed from the premises by a carrier licensed under the *Environmental Protection (Controlled Waste) Regulations 2004*.
4. The Licence Holder must:
 - (a) construct and/or install the infrastructure and/or equipment;
 - (b) in accordance with the corresponding design and construction / installation requirements; and
 - (c) at the corresponding infrastructure location as set out in Table 2.

Table 2: Design and construction / installation requirements

	Infrastructure	Design and construction / installation requirements	Infrastructure location
1.	110kL Self-bunded tank	The 110kL tank must: <ol style="list-style-type: none"> (a) be constructed of impervious material and free from leaks and defects (b) be self-bunded with a capacity not greater than 110kL; (c) be sited on compacted road-base; and (d) be piped to the 50kL tank. 	As shown in Schedule 1 Construction area
2.	50kL Self-bunded tank	The 50kL tank must: <ol style="list-style-type: none"> (a) be constructed of impervious material and free from leaks and defects 	

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	Infrastructure	Design and construction / installation requirements	Infrastructure location
		(b) be self-bunded with a capacity not greater than 50kL; (c) be sited on compacted road-base; and (d) be piped to the 110kL tank.	
3.	Concrete bund	(e) must be concrete with a permeability of less than 1×10^{-9} m/s or equivalent; and (f) contain a bund to ensure liquid waste does not overspill into the adjacent road-base area.	

Compliance reporting

5. The Licence Holder must within 30 calendar days of an item of infrastructure or equipment required by condition 4 being constructed and/or installed:
- undertake an audit of their compliance with the requirements of condition 4; and
 - prepare and submit to the CEO an Environmental Compliance Report on that compliance.
6. The Environmental Compliance Report required by condition 5, must include as a minimum the following:
- certification by a qualified civil engineer that the items of infrastructure or component(s) thereof, as specified in condition 4, have been constructed in accordance with the relevant requirements specified in condition 4;
 - as constructed plans and a detailed site plan for each item of infrastructure or component of infrastructure specified in condition 4; and
 - be signed by a person authorised to represent the works approval holder and contains the printed name and position of that person.

Waste Acceptance

7. The Licence Holder must only accept onto the premises waste of a waste type and waste description, which does not exceed the corresponding rate at which waste is received, and which meets the corresponding acceptance specification set out in Table 3.

Table 3: Waste acceptance

Waste Type	Waste Description	Controlled Waste Code	Rate at which waste is received	Acceptance Specification
Liquid Waste	<ul style="list-style-type: none"> Waste mineral oils unfit for their intended purpose Waste oil and water mixtures or emulsions, and hydrocarbons and water mixtures or emulsions Used oil filters 	<ul style="list-style-type: none"> J100 J120 J170 	10,000 tonnes per annual period	Receipt, handling and temporary storage

8. The Licence Holder must ensure that where waste does not meet the waste acceptance criteria set out in Condition 7 is removed from the Premises by the delivery vehicle or, where that is not possible, stored in a Quarantined Storage Area or Container and removed to an appropriately authorised facility as soon as practicable.
9. The Licence Holder must only store wastes accepted onto the premises in accordance with the storage requirements, and at the storage location, as set out in Table 4.

Table 4: Waste storage

Waste Type	Storage Requirements	Storage Location
Liquid Waste	<p>(a) Within the 50kL or 110kL self-bunded tanks, primary enclosed packaging (IBC), and stored on a concrete lined impervious storage area and;</p> <p>(b) in manner that does not obscure fire protection equipment or signage; and</p> <p>(c) no longer than 2 weeks from the date of receipt.</p>	<p>Liquid Waste Unloading Area, located in the area depicted as <i>Unloading and Concrete lined oil storage area</i>, Figure 2 in Schedule 1.</p> <p>Self-bunded tanks in Figure 3 Schedule 1.</p>

Premises Operation

10. The Licence Holder must implement the following security measures at the Premises:
 - (a) erect and maintain suitable fencing to prevent unauthorised access to the Premises;
 - (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.
11. The Licence Holder must conduct and record the details of weekly inspections of the waste storage area to assess for spills or leaks of waste or breaches of waste storage containers.
12. The Licence Holder must immediately recover spills of liquid wastes associated with the storage or handling of waste onsite, whether inside or outside of an engineered containment system.
13. The Licence Holder must ensure that all spilled waste, contaminated soil and contaminated material used for the recovery of spills of liquid wastes onsite is stored in an impermeable container prior to disposal at an appropriately authorised facility.

Fire Control

14. The Licence Holder must ensure that forklifts and other plant used within the storage shed and in the handling of waste oil are explosion proof and suitable for operation in hazardous zones.
15. The Licence Holder must ensure that no sources of ignition and/or heat capable of

starting a fire are used within the storage shed or within 3m of the storage shed when waste oil is being stored within the storage shed.

16. The Licence Holder must actively manage the risk of fire and fire hazards at the Premises by operating an on-site fire detection system

Monitoring

17. The Licence Holder must record the total amount of waste accepted onto the premises or removed from the premises, for each waste type listed in Table 5, with the corresponding parameters listed in Table 5, and for each corresponding time period set out in Table 5.

Table 5: Waste accepted onto or removed from the premises

Waste Type	Parameter	Time Period
Liquid Wastes (J100) (J120) (J170)	(a) time and date of delivery; (b) waste type; (c) quantity of the waste (tonnes); (d) the name of the waste generator; (e) the origin and source location of waste; (f) the physical and chemical characteristics of the waste; (g) the name and contact details of the company transporting the waste to the Premises; and (h) the name of the driver and registration number of the delivery vehicle.	Each load arriving at the Premises.
Non-conforming wastes and wastes removed after temporary storage	(a) time and date of removal; (b) waste type; (c) quantity of the waste (tonnes); (d) the intended disposal location; (e) the physical and chemical characteristics of the waste; (f) the name and contact details of the company transporting the waste from the Premises; and (g) the name of the driver and registration number of the delivery vehicle.	Each load leaving the Premises.

Records and reporting

18. 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) weekly inspections undertaken in accordance with condition 11 of this licence;

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- (d) monitoring undertaken in accordance with condition 17 of this licence; and
 - (e) complaints received under condition 20 of this licence.
- 19.** The Books specified under condition 18 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.
- 20.** 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.
- 21.** 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 60 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 5 have the meanings defined.

Table 5: Definitions

Term	Definition
ACN	Australian Company Number
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 November until 31 October of the immediately following year.
Books	has the same meaning given to that term under the EP Act.
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
Controlled Waste Regulations	<i>Environmental Protection (Controlled Waste) Regulations 2004 (WA)</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.
discharge	has the same meaning given to that term under the EP Act.
DWER	Department of Water and Environmental Regulation
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)
Emergency Response Equipment	means the equipment stored on site for the purposes of responding to emergencies and waste spills. Equipment is to include earth moving equipment and a spill response trailer, and may also include but not limited to, firefighting apparatus, fire extinguishers, decontamination equipment, emergency spill clean-up equipment and chemical containment drums.
Impervious	means a material with a coefficient of permeability $<1 \times 10^{-9}$ metres per second

Term	Definition
IBC	Intermediate bulk container
Inspector	means an inspector appointed by the CEO in accordance with s.88 of the EP Act.
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.
Pollution	has the same meaning given to that term under the EP Act.
Premises	refers to the premises to which this licence applies, as specified at the front of this licence and as shown on the premises maps (Figure 1 and 2) in Schedule 1 to this licence.
Prescribed Premises	has the same meaning given to that term under the EP Act.
Quarantined Storage Area or Container	means a hardstand storage area or sealed-bottomed container that is separate and isolated from authorized 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.
Serious Environmental Harm	has the same meaning given to that term under the EP Act.
Waste	has the same meaning given to that term under the EP Act.
Controlled Waste Code	means the waste code assigned to a type of controlled waste for purposes of waste tracking and reporting as specified in DWER's 'Controlled Waste Category List; (July 2014), as amended from time to time.
Waste Type	Means waste types identified in the Landfill Definitions and/or in Schedule 1 of the Controlled Waste Regulations.

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 (yellow line)

Figure provided by the Applicant

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IR-T06 Licence template (v7.0)



Figure 2: Map of the boundary of the prescribed premises with site layout (prescribed premises boundary marked by the yellow line)

Construction map

The construction of the tanks and concrete hardstand pad is shown in the map below (Figure 3).

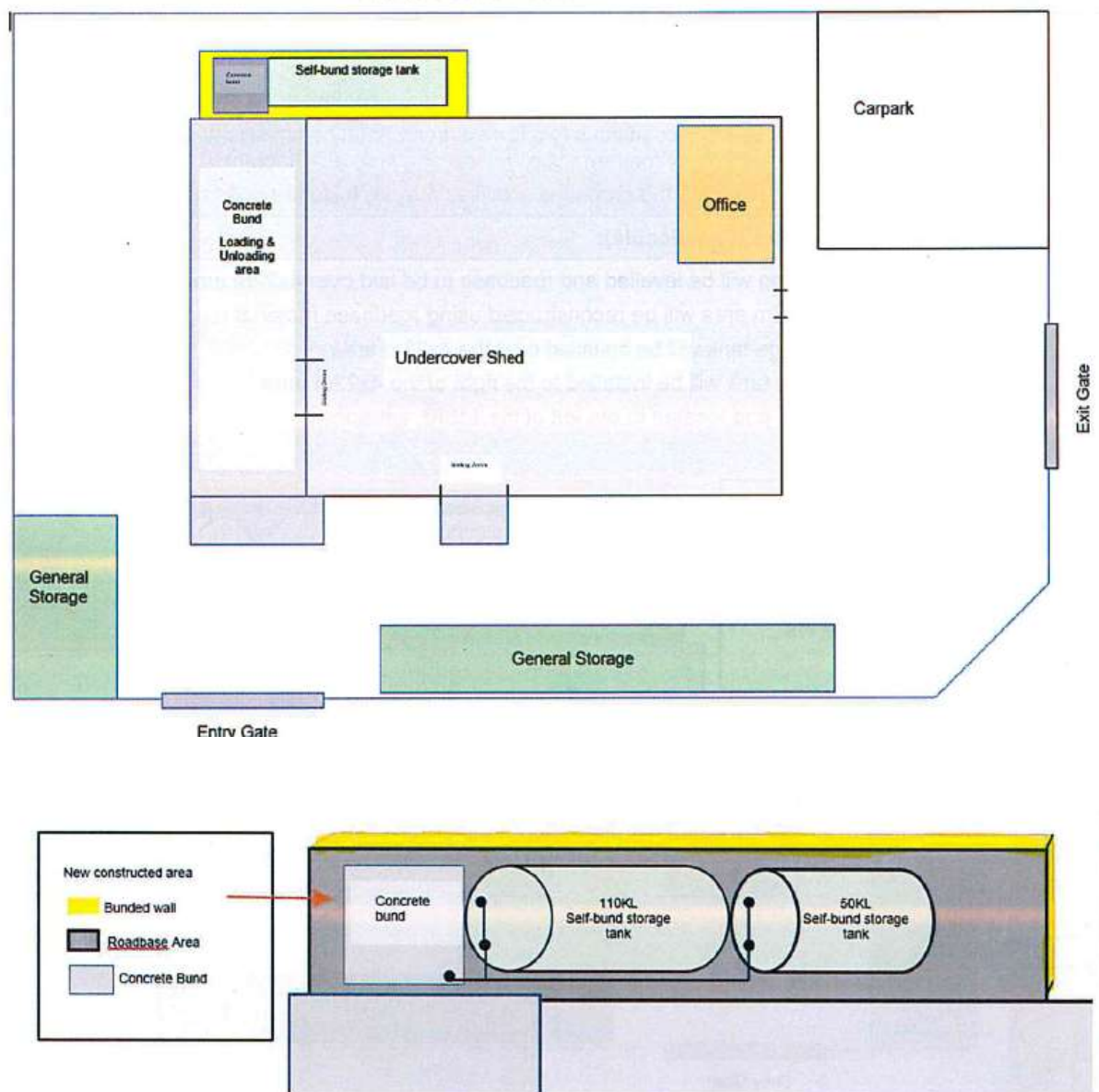


Figure 3: Map of the construction area.

Schedule 2: Standard Operating Procedure



MINESITE RECYCLING STANDARD OPERATING PROCEDURE

Cleaning Up Minor Spills

Assess	Assess if the spill is minor or major using the flow chart over leaf. This Quick Reference Guide covers clean up of minor spills only. DO NOT attempt to clean up a major spill. Instead enact the Emergency Response Plan for the facility.
Secure the Area	If the spill contains a hazardous chemical: Secure the area with tape, signage, cones. Notify personnel in the area and ask them to leave until the spill is cleared. Signage and barriers may be used if they are at hand.
PPE	Wear appropriate PPE.
Control the Spill	Where safe to do so, control the source of the spill to prevent further release. For example: Turn off the valve or tap, and/or Place the container in a position preventing further spillage. Wear appropriate PPE (as stated in the SDS) when controlling, containing and disposing of spills.
Contain and Clean	Contain the chemical spill using the spill kit specified for the chemical. This could include: Using damming booms and bunding and absorbing products. Covering drains with drain mats, spill containment berms or sandbags. Collect all spill residues and any contaminated material and place in an appropriate waste container.
Report the Spill	Reporting should be completed as soon as possible after the spill has been contained. Environmental incidents (including near misses) should be reported through the Environmental Incident Report form. WHQ incidents need to be reported on to your supervisor
Dispose	Material must be disposed of in appropriately designated waste facilities (see Quick Reference Guide 05). If you are unsure contact your supervisor.



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MINESITE RECYCLING STANDARD OPERATING PROCEDURE

Contents of spill kits

Section 1 - Personal Protective Equipment (PPE)

1. Disposable Coveralls
2. Gloves (also included in spill kit)
3. Safety Glasses (also included in spill kit)
4. Closed footwear

Section 2 - Potential Hazards + Safety precautions

NOTE: This SOP details the contents of spill kits. For clean-up procedures, specific hazards and safety precautions, refer to the respective SOP.

Section 3 - Procedure

The SpillSmart 120lt General Purpose, wheelle bin spill kit combines premium floor sweeps and socks with pads and pillows to ensure spills in large workshops, mines and manufacturing plants can be efficiently handled.

This kit provides products that are suitable for absorbing both water-based non-hazardous liquids, such as paints and coolants, as well as hydrocarbons, including oils, fuels and grease.

Contents: ES-SK-120-G

SpillSmart 120lt General Purpose Spill Kit

PART #	DESCRIPTION	QTY
PWB120Y	120lt Yellow Wheelle Bin	1
ES-PPGP-400	SpillSmart Poly Pads General Purpose 48cm x 43cm x Heavy Weight Dimpled & Perforated	25
ES-A-FS-10	SpillSmart Floor Sweep 10kg	2
ES-SOGP-75-1.2	SpillSmart Grey Absorbent Socks General Purpose 1.2m x 75mm	3
ES-P-GP	SpillSmart Pillow General Purpose (grey cover) 45cm x 45cm	1
ES-G-NL	Pair of Nitrile Gloves	2
ES-WB	SpillSmart Contaminated Waste Bags 450mm x 720mm	7
	Dust Pan & Brush	1
	Spill Kit sticker	1
	Spill Kit Instructions	1

Section 4 - Disposal / Spills / Incidents

Section 5 - Repairs / Certification / Validation

1. Spill kits must be restocked immediately after use. If this is not possible, access to a second spill kit must be guaranteed until restocked.
2. If content of a spill station has been used, please inform Clint Watson or Scott Sinclair ASAP.
3. Content and use by date (bleach!) of spill kits must be checked monthly and a record kept.



MINESITE RECYCLING STANDARD OPERATING PROCEDURE

Contents of spill kits

STANDARD OPERATING PROCEDURE

SOP Consultation, Training and Approval

Print names and enter signatures and dates to certify that the persons named in this section have been consulted/trained in relation to the development and implementation of this Standard Operating Procedure.

Position	Name	Signature	Date

