



Licence number	L9372/2023/1
Licence holder	Toll Energy and Marine Logistics Pty Ltd
ACN	009 129 060
Registered business address	Level 11, 225 St Georges Terrace PERTH WA 6000
DWER file number	DER2023/000036
Duration	11/04/2023 to 10/04/2043
Date of issue	11/04/2023
Premises details	Toll Energy Yards – Dampier Supply Base King Bay Road Burrup WA 6174 Part of Lot 471 on Plan 220595 As defined by the coordinates in Schedule 2: Premises boundary

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)	Assessed design capacity
Category 61: Liquid waste facility: premises on which liquid waste produced on other premises (other than sewage waste) is stored, reprocessed, treated or irrigated	24,000 tonnes per annum.
Category 61A: Solid waste facility: premises (other than premises within category 67A) on which solid waste produced on other premises is stored, reprocessed, treated, or discharged onto land.	6,000 tonnes per annum

This licence is granted to the licence holder, subject to the attached conditions, on 11 April 2023, by:

**SENIOR ENVIRONMENTAL OFFICER - 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
11/04/2023	L9372/2023/1	Licence granted.

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:

Waste Acceptance

1. The licence holder must only accept onto the premises waste of a type that:
 - (a) does not exceed the rate at which that waste is received; and
 - (b) meets the relevant acceptance specification,
 as set out in Table 1.

Table 1: Types of waste authorised to be accepted onto the premises

Waste type	Waste Code	Rate at which waste is received	Acceptance specification ¹
Acids			
Acidic solutions or acids in solid form	B100	Combined premises total of 24,000 tonnes per annual period of all liquid wastes accepted and combined premises total of 6,000 tonnes per annual period for all solid wastes accepted	None specified
Bases			
Basic (alkaline) solutions or bases (alkalis) in solid form	C100	Combined premises total of 24,000 tonnes per annual period of all liquid wastes accepted and combined premises total of 6,000 tonnes per annual period for all solid wastes accepted	None specified
Clinical and pharmaceutical			
Clinical and related wastes	R100	Combined premises total of 24,000 tonnes per annual period of all liquid wastes accepted and combined premises total of 6,000 tonnes per annual period for all solid wastes accepted	Material must be packaged as per the Code of Practice for Clinical and Related Waste Management (DoH, 2021)
Waste pharmaceuticals, drugs and medicines	R120		
Cytotoxic waste	R130		
Waste from the production or preparation of pharmaceutical products	R140		
Industrial wash waters			
Car and truck wash waters	L100	Combined premises total of 24,000 tonnes per annual period of all liquid wastes accepted and combined premises total of 6,000 tonnes per annual period for all solid wastes accepted	None specified
Industrial wash waters contaminated with controlled waste	L150		

Inorganic Chemicals			
Metal carbonyls	D100	Combined premises total of 24,000 tonnes per annual period of all liquid wastes accepted and combined premises total of 6,000 tonnes per annual period for all solid wastes accepted	None specified
Inorganic fluorine compounds (excluding calcium fluoride)	D110		
Mercury and mercury compounds	D120		
Arsenic and arsenic compounds	D130		
Chromium compounds	D140		
Tannery waste containing chromium	D141		
Cadmium and cadmium compounds	D150		
Used nickel cadmium batteries	D151		
Beryllium and beryllium compounds	D160		
Antimony and antimony compounds	D170		
Thallium and thallium compounds	D180		
Copper compounds	D190		
Cobalt compounds	D200		
Nickel compounds	D210		
Used nickel metal hydride batteries	D211		
Lead and lead compounds	D220		
Used lead acid batteries	D221		
Zinc compounds	D230		
Selenium and selenium compounds	D240		
Tellurium and Tellurium compounds	D250		
Vanadium compounds	D270		
Barium and barium compounds	D290		
Non toxic salts	D300		
Boron compounds	D310		
Inorganic sulfides	D330		
Perchlorates	D340		
Chlorates	D350		
Phosphorus compounds excluding mineral phosphates	D360		
Miscellaneous			
Waste chemical substances arising from research and development or teaching activities which substances are not identified or are new or the effects of which on human health or the environment are not known	T100	Combined premises total of 24,000 tonnes per annual period of all liquid wastes accepted and combined premises total of 6,000 tonnes per annual period for all solid wastes accepted	None specified
Waste from the production or formulation of photographic chemicals	T120		

or processing materials			
Oils			
Waste mineral oils unfit for their intended purpose	J100	Combined premises total of 24,000 tonnes per annual period of all liquid wastes accepted and combined premises total of 6,000 tonnes per annual period for all solid wastes accepted	None specified
Waste oil and water mixtures or emulsions, and hydrocarbon and water mixtures or emulsions	J120		
Oil interceptor wastes	J130		
Waste tarry residues arising from refining, distillation or pyrolytic treatment	J160		
Used oil filters	J170		
Oil sludge	J180		
Organic chemicals			
Waste substances and articles containing polychlorinated biphenyls (PCBs)	M100	Combined premises total of 24,000 tonnes per annual period of all liquid wastes accepted and combined premises total of 6,000 tonnes per annual period for all solid wastes accepted	None specified
Waste substances and articles containing polybrominated biphenyls (PBB), polychlorinated naphthalenes (PCN), and/or polychlorinated terphenyls (PCT)	M105		
Non-halogenated organic chemicals	M130		
Phenols, phenol compounds including halogenated phenols	M150		
Organohalogen compounds not elsewhere listed	M160		
Polychlorinated dibenzo-furan (any congener)	M170		
Polychlorinated dibenzo p-dioxin (any congener)	M180		
Isocyanate compounds	M220		
Triethylamine catalysts	M230		
Surfactants and detergents	M250		
Highly odourous organic chemicals including mercaptans and acrylates	M260		
Organic solvents			
Ethers and highly flammable hydrocarbons	G100	Combined premises total of 24,000 tonnes per annual period of all liquid wastes accepted and combined premises total of 6,000 tonnes per annual period for all solid wastes accepted	None specified
Non-halogenated organic solvents	G110		
Dry-cleaning wastes containing perchloroethylene	G130		
Halogenated organic solvents not otherwise specified	G150		

Waste from the production, use and formulation of organic solvents not otherwise specified	G160		
Paints, resins, inks and organic sludges			
Aqueous-based wastes from the production, formulation and use of inks, dyes, pigments, paints, lacquers and varnish	F100	Combined premises total of 24,000 tonnes per annual period of all liquid wastes accepted and combined premises total of 6,000 tonnes per annual period for all solid wastes accepted	None specified
Aqueous-based wastes from the production, formulation and use of resins, latex, plasticisers, glues and adhesives	F110		
Solvent based wastes from the production, formulation and use of inks, dyes, pigments, paints, lacquers and varnish	F120		
Solvent based wastes from the production, formulation and use of resins, latex, plasticisers, glues and adhesives	F130		
Pesticides			
Waste from the production, formulation or use of biocides and phytopharmaceuticals	H100	Combined premises total of 24,000 tonnes per annual period of all liquid wastes accepted and combined premises total of 6,000 tonnes per annual period for all solid wastes accepted	None specified
Organic phosphorous compounds	H110		
Organochlorine pesticides	H130		
Waste wood-preserving chemicals	H170		
Plating and Heat Treatment			
Waste resulting from the surface treatment of metals and plastics	A100	Combined premises total of 24,000 tonnes per annual period of all liquid wastes accepted and combined premises total of 6,000 tonnes per annual period for all solid wastes accepted	None specified
Waste from heat treatment and tempering processes which use cyanide	A110		
Inorganic cyanide	A130		
Putrescible and organic wastes			
Food and beverage processing wastes	K200	Combined premises total of 24,000 tonnes per annual period of all liquid wastes accepted and combined premises total of 6,000 tonnes per annual period for all solid wastes accepted	None specified
Reactive Chemicals			
Waste containing peroxides excluding hydrogen peroxide	E100	Combined premises total of 24,000 tonnes per annual period of all	None specified

		liquid wastes accepted and combined premises total of 6,000 tonnes per annual period for all solid wastes accepted	
Soils and sludge			
Containers or drums contaminated with residues of a controlled waste	N100	Combined premises total of 24,000 tonnes per annual period of all liquid wastes accepted and combined premises total of 6,000 tonnes per annual period for all solid wastes accepted	None specified
Soils contaminated with a controlled waste	N120		
Fire debris or fire wash waters	N140		
Encapsulated, chemically fixed, solidified or polymerised controlled wastes	N160		
Filter waste containing a controlled waste	N190		
Industrial waste treatment plant residues	N205		
Ceramic based fibres with physico-chemical characteristics similar to asbestos	N230		Material must be wrapped or contained in a manner that prevents ceramic based fibres entering the atmosphere.

2. The licence holder must only accept waste that is stored in a sealed, watertight container that is free from leaks and defects.
3. The licence holder must not store more than a total of 450 tonnes of waste at the premises at any one time.
4. Where waste does not meet the waste acceptance criteria set out in condition 1, the licence holder must:
 - (a) reject the waste;
 - (b) record the details of the:
 - (i) waste (type and description);
 - (ii) source of the waste load;
 - (iii) name of the waste carrier;
 - (iv) registration number of the delivery vehicle;
 - (v) date that the waste load was rejected; and
 - (c) maintain accurate and auditable records of all waste loads rejected from the premises.
5. The licence holder must ensure that where waste does not meet the waste acceptance criteria set out in condition 1 or condition 2, it 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.

Waste Processing and Storage

6. The licence holder must ensure that all waste accepted onto the premises are only subjected to the processes and storage as set out in Table 2, and in accordance with any storage and process requirements set out in Table 2.

Table 2: Waste storage and processing

Waste type	Process(s)	Processing and storage
Hazardous waste Ceramic based fibres similar to asbestos (controlled waste code N230)	Receipt, handling and storage prior to removal	No more than 50 kg to be stored on site at any one time.
Special waste type 2 Clinical and pharmaceutical wastes (controlled waste codes R100, R120, R130 and R140)		Storage and handling as per the Code of Practice for Clinical and Related Waste Management (DoH, 2021)
Hazardous waste Used lead acid batteries (controlled waste code D221)		(a) Batteries must be stored on bunded trays. (b) Batteries must be stored in weather proof containers or undercover.
All waste types		(a) Waste must be stored within suitable secure and sealed packaging that: i) Completely contains the waste; ii) Does not allow for the ingress of stormwater; and iii) Prevents the discharge of contaminants. (b) Waste storage areas must be lined with concrete, asphalt or constructed hardstand areas with rollover bunding to prevent spills occurring at the yards; (c) Waste shall not be mixed or consolidated on the premises; (d) Waste vessels shall remain closed and shall not be opened on the premises unless otherwise deemed necessary in an emergency situation; (e) No more than 450 tonnes of solid and liquid wastes to be stored on site at any one time; and (f) Waste must be stored and handled in a manner that prevents incompatible wastes mixing.

7. The licence holder must ensure that all waste storage vessels or compounds listed in Table 2 are maintained and operated in a manner that ensures wastes do not enter the environment.
8. The licence holder must ensure that waste does not remain on the premises for more than 72 hours from arrival.

Infrastructure and equipment

9. The licence holder must ensure that the site infrastructure and equipment listed in **Table 3** and located at the corresponding infrastructure location is maintained and operated in accordance with the corresponding operational requirement set out in **Table 3**.

Table 3: Infrastructure and equipment requirements

Site infrastructure and equipment	Operational requirement	Infrastructure location
Hardstand area	<ul style="list-style-type: none"> Be impervious and free of defects; Contain a bunded area for liquid storage; Have hazchem spill kits located at strategic areas; Contain fire hydrants and fire fighting equipment; and Have drain covers located at strategic areas. 	Entire hardstand area within premises boundary as show in Schedule 1: Maps
Bunded area	<ul style="list-style-type: none"> Maintained as an impervious concrete floor sloped to an impervious concrete sump (blind); Be free of defects; and Maintained to retain at least 110% of the largest ISO storage container within the bunded area and sump. 	As shown in Schedule 1: Maps
Washbay area	<ul style="list-style-type: none"> Maintained as an impervious concrete floor sloped to an impervious concrete sump (blind); and Be free of defects 	As shown in Schedule 1: Maps

10. The licence holder must ensure that separated oil, sediment and other contaminants collected in the sump of the washbay area are removed to an appropriately authorised facility as soon as practicable.
11. The licence holder must maintain any drains, collection pits and sumps as appropriate to ensure the continued performance of the site stormwater and drainage systems.
12. The licence holder must:
 - (a) erect and maintain suitable fencing to prevent unauthorised access to the site;
 - (b) ensure that any entrance gates to the premises are securely locked when the premises is unattended; and
 - (c) undertake regular inspections of all security measures and repair damage as soon as practicable.

Emissions and discharges

13. The licence holder shall immediately recover, or remove and dispose of, spills of environmentally hazardous materials including contaminated solid and liquid wastes, fuel, oil, or other chemicals associated with the storage or handling of waste onsite, whether inside or outside a containment system.
14. The licence holder shall ensure that all material used for the recovery, removal, and/or disposal of environmentally hazardous materials is stored in an impermeable container prior to disposal at an appropriately authorised facility.
15. The licence holder must ensure stormwater run-off is not contaminated by the activities and operations undertaken at the premises.
16. The licence holder shall dispose contaminated stormwater to an approved waste facility for treatment and or disposal.
17. 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.

Monitoring

18. The licence holder must record the total amount of waste accepted onto the premises and removed from 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: Waste accepted onto and removed from the premises

Waste type	Unit	Frequency
Each waste type received onto the premises, for storage, as specified in Table 1	Tonnes	For each load arriving at the premises
Each waste type removed from the premises.	Tonnes	For each load leaving or rejected from the premises

Records and reporting

19. 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.

- 20.** 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.
- 21.** 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 9 of this licence;
 - (c) monitoring programmes undertaken in accordance with condition 18 of this licence; and
 - (d) complaints received under condition 19 of this licence.
- 22.** The books specified under condition 21 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.

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 January until 31 December of the immediately following year.
appropriately authorised facility	means a facility which holds approval under the EP Act for the acceptance of the relevant waste type as defined in the Landfill Definitions.
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
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.
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)
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.

Term	Definition
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.
quarantined storage area or container	means a designated storage area or container that is: <ul style="list-style-type: none"> • clearly labelled; • separated and isolated from other waste storage and processing areas; and • designed to contain all non-conforming waste and prevent and mitigate the release to the environment of emissions that may arise from the waste.
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).

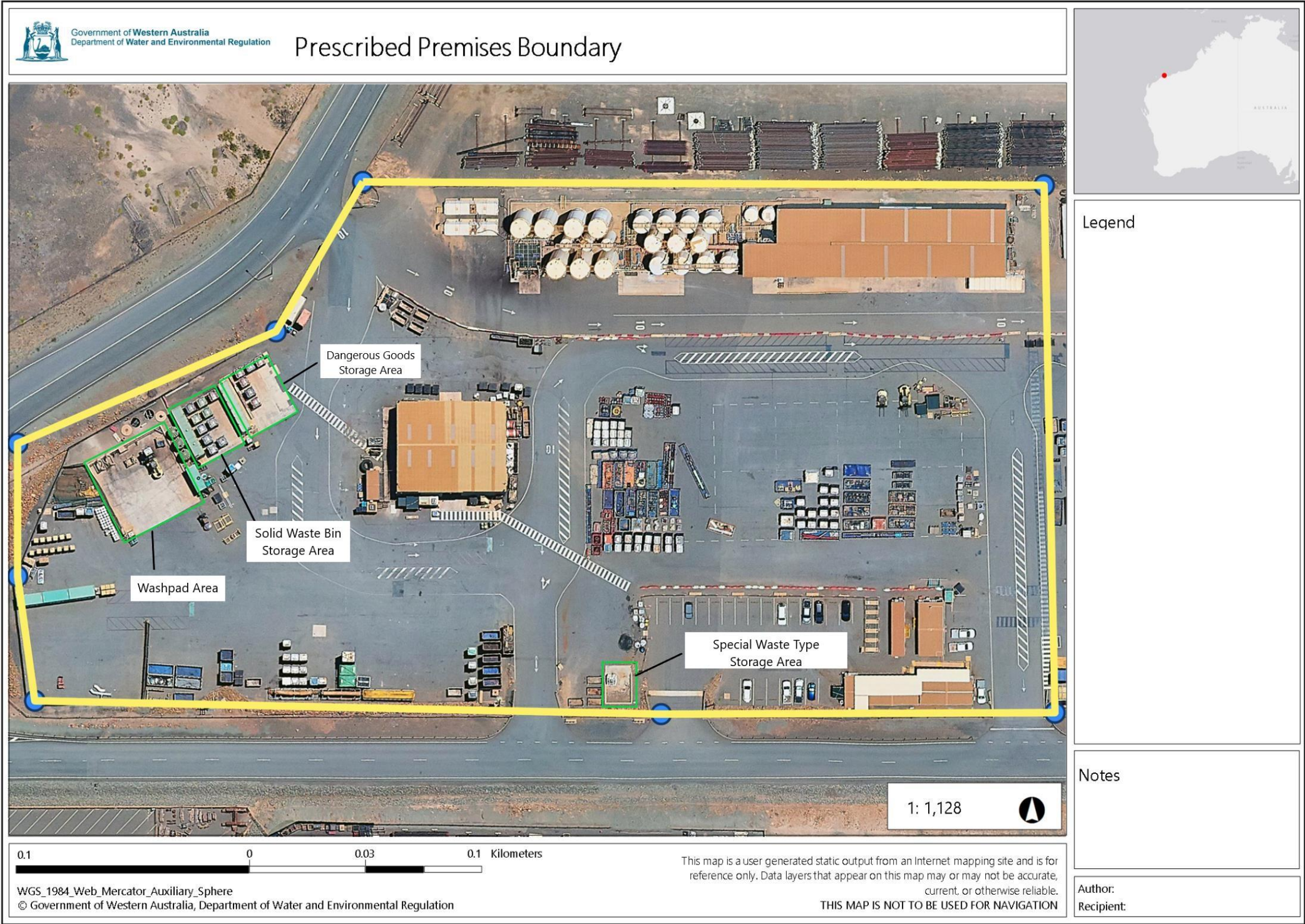


Figure 1: Map of the boundary of the prescribed premises

L9372/2023/1 (11/04/2023)

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

Schedule 2: Premises boundary

The corners of the premises boundary are the coordinates listed in Table 6.

Table 6: Premises boundary coordinates (GDA2020)

	Easting	Northing
1.	-20.626881	116.759029
2.	-20.627949	116.759053
3.	-20.627952	116.758183
4.	-20.627925	116.756799
5.	-20.627673	116.756761
6.	-20.627404	116.756761
7.	-20.627177	116.757332
8.	-20.626874	116.757524