



Licence Number	L9387/2023/1
Applicant	Australian Mud Company Pty Ltd
ACN	009 283 416
Registered business address	216 Balcatta Rd, BALCATTWA 6021
DWER file number	DER2023/000016
Duration	29/06/2023 to 28/06/2029
Date of issue	29/06/2023
Premises details	Hope Valley Drilling Product Manufacturing Plant 111 Investigator Drive, Hope Valley WA 6165 Part Lot 1028 Investigator Drive, Plan 403186 Certificate of Title Volume 2851 Folio 196 As defined by the premises map in Schedule 1 and the coordinates specified in Schedule 2

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)	Assessed production capacity
Category 33: Chemical blending or mixing: premises on which chemicals or chemical products are mixed, blended or packaged in a manner that causes or is likely to cause a discharge of waste into the environment.	7,300 tonnes per year

This licence is granted to the licence holder, subject to the attached conditions, on 29 June 2023, by:

**MANAGER, PROCESS INDUSTRIES
REGULATORY SERVICES**

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

Licence history

Date	Reference number	Summary of changes
31/07/2020	W6382/2020/1	Works approval granted.
29/06/2023	L9387/2023/1	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:

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
Liquid Drill Product Manufacturing Area	<ol style="list-style-type: none"> All liquids production operations must be carried out within the enclosed warehouse and on the bunded impermeable floor. Liquid chemical blending vessels must be cleaned out every 2 months. Wastewater from blending vessels to be directly transferred into IBCs. IBCs must be stored within the Liquids Production Bunded Area. IBCs must be removed every 2 to 3 months by a licensed controlled waste contractor to an appropriately licensed waste facility. Liquid chemical raw material storage tanks must be stored within the bunded containment area with the impermeable floor. Overflows from liquid chemical raw material storage area must be directed into the liquids production area. All product transfers must occur within bunded areas. Unloading of vehicles must only occur in the vehicle delivery spill capture zone. Any liquid resulting from spills or leaks of chemicals including fuel, oil, or other hydrocarbons, must immediately be removed, and disposed of whether inside or outside bunded area. 	Liquids Production Bunded Area and Bunded Tank Farm as shown in Figure 3 of Schedule 1.
Powder blending Product Manufacturing Area	<ol style="list-style-type: none"> Must maintain and operate installed dust collection system utilised to prevent, so far as practicable, the generation of dust from the Premises. Dust collected via the dust collector system either onto the filter media or into collection containers. Dust filter and collection containers must be checked daily and magnehelic gage must be checked monthly. Collection containers are emptied as required. Housekeeping must be maintained daily, including removal of general rubbish, clean-up of any spills, vacuuming of walkways, storage, and production areas. Floors must be swept or vacuumed at least monthly 	Powders Production as shown in Figure 2 of Schedule 1.

Site infrastructure and equipment	Operational requirement	Infrastructure location
	<p>to remove excess waste or spilt material.</p> <p>g) Closed processing must occur between product input (25–1000 kg bags) to output (20 kg box/pail).</p> <p>h) Maximum packaging size must be 1.2 t FIBC.</p>	
Equipment washdown area	<p>a) The cleaning of drilling equipment must occur on the bunded washdown bay hardstand.</p> <p>b) Wastewater must be directed to the VGS separator to remove suspended solids and hydrocarbons.</p> <p>c) Waste material to be removed by a licensed controlled waste contractor to an appropriately licensed waste facility, when necessary.</p>	Wash Bay as shown in Figure 2 of Schedule 1.

Records and reporting

2. 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.
3. 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.
4. 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) complaints received under condition 2 of this licence.
5. The books specified under condition 4 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 2 have the meanings defined.

Table 2: 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 same 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
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)
FIBC	means flexible intermediate bulk container.
IBC	means intermediate bulk container.
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.
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.

Term	Definition
prescribed premises	has the same meaning given to that term under the EP Act.
VGS	means vertical gravity separator.
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).

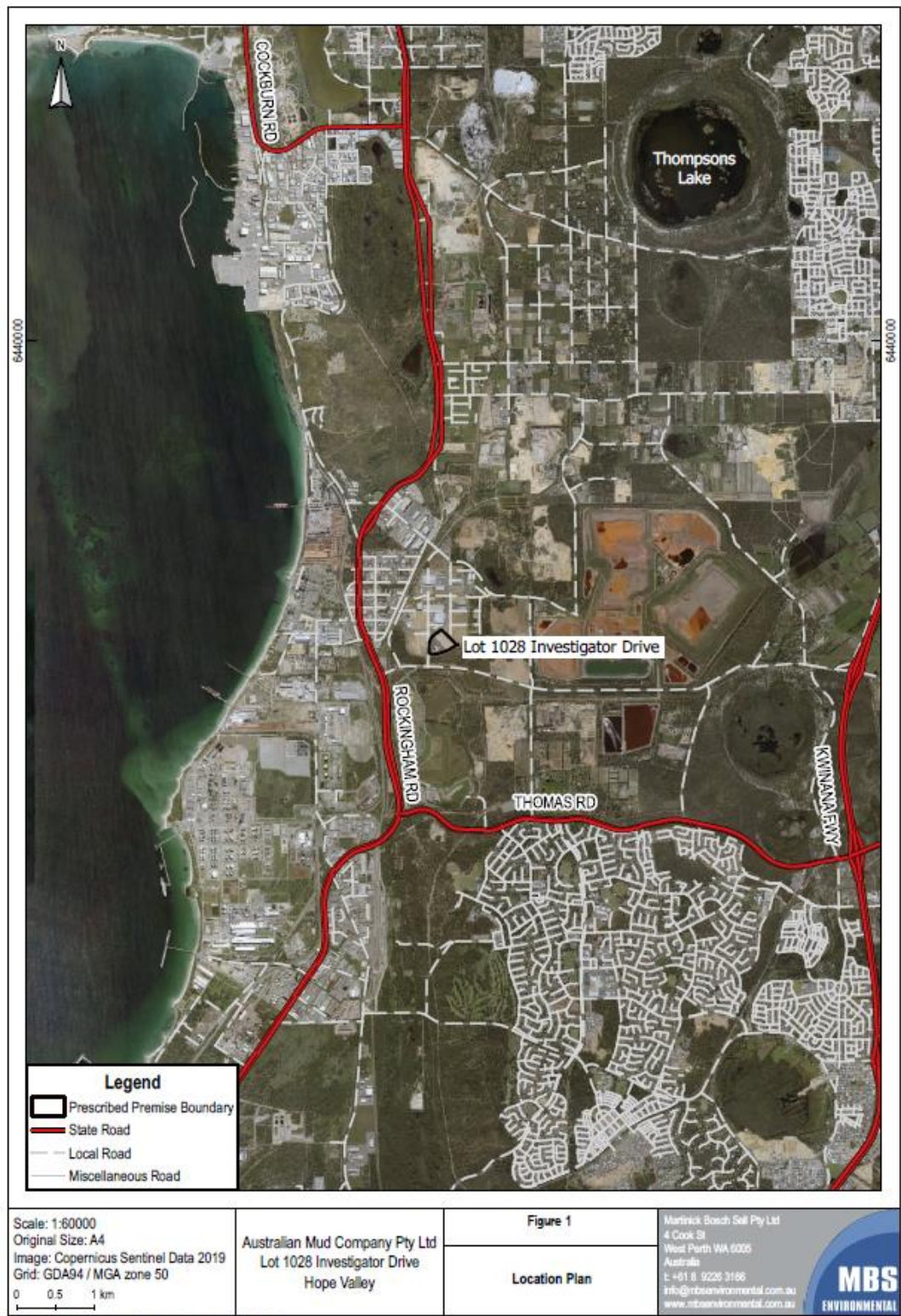


Figure 1: Map of the boundary of the prescribed premises (black polygon)

L9387/2023/1 (29 June 2023)

IR-T06 Licence template (v8.0) (September 2022)

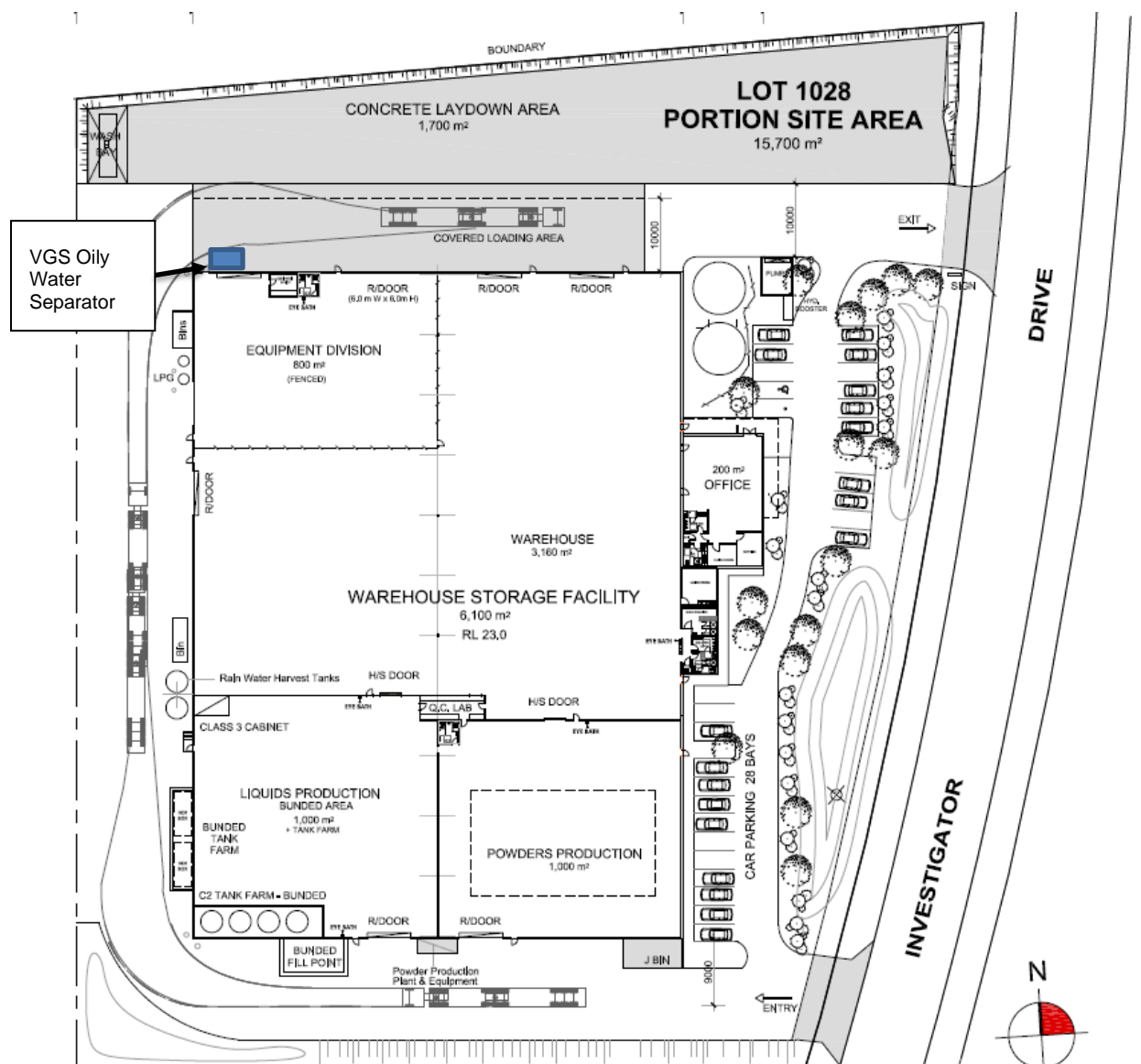


Figure 2: Premises infrastructure layout

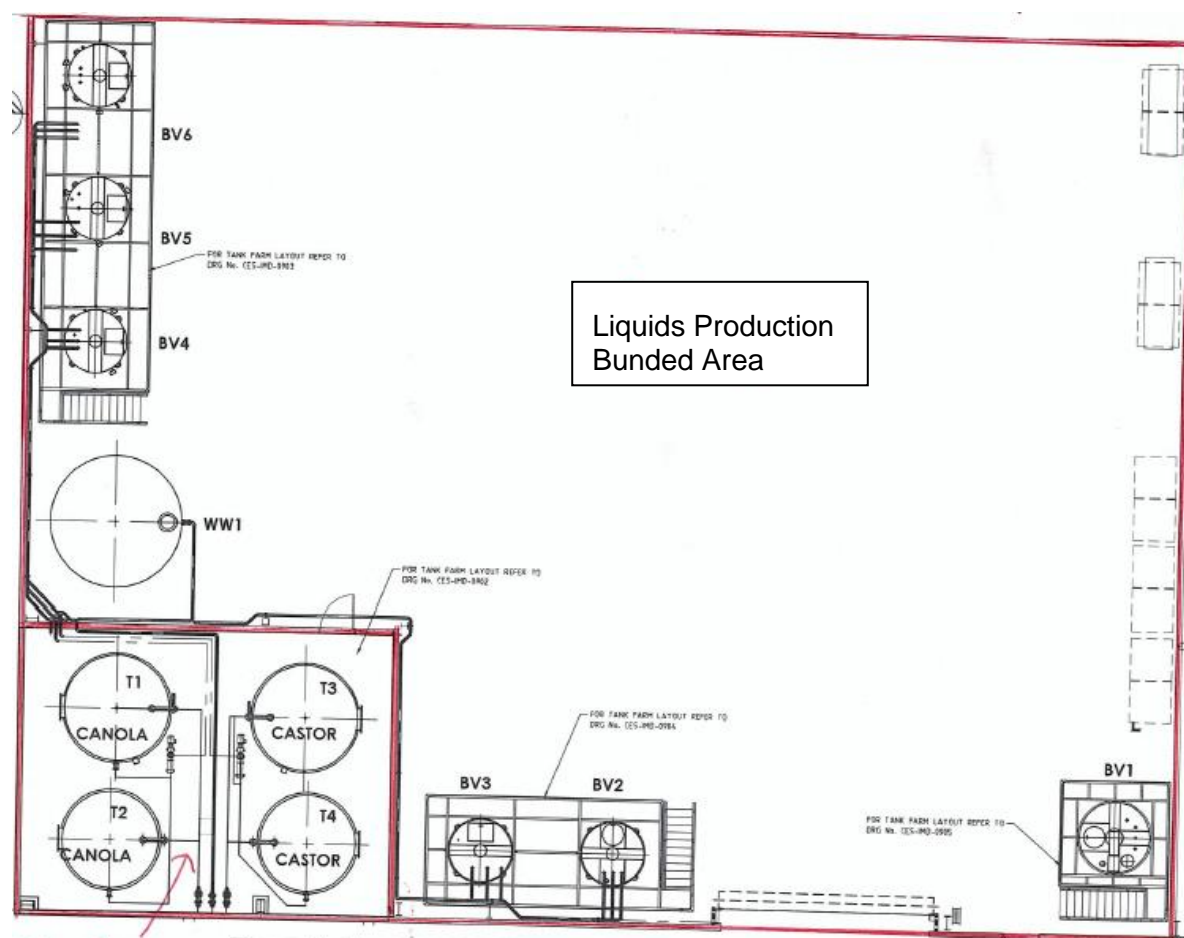


Figure 3: Map of tank layout

Schedule 2: Premises boundary

The corners of the premises boundary are the coordinates listed in Table 3.

Table 3: Premises boundary coordinates (GDA2020)

	Easting	Northing
1.	386418.718	6436156.614
2.	386318.509	6436069.989
3.	386383.517	6435994.787
4.	386507.530	6436069.748