



Licence number	L9354/2022/1
Licence holder	Bigfoot Australia Pty Ltd
ACN	636 364 700
Registered business address	54 Downey Drive MANNING WA 6152
DWER file number	DER2022/000370
Duration	24/11/2022 to 23/11/2042
Date of issue	24/11/2022
Premises details	Bigfoot Meats 1538 Gingin Brook Road, Muckenburra WA 6503 Legal description Lot 71 on deposited plan 26866

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)	Assessed production capacity
Category 15: Abattoir: premises on which animals are slaughtered	1,865 tonnes (liveweight) per annual period

This licence is granted to the licence holder, subject to the attached conditions, on 24 November 2022, by:

MANAGER, PROCESS INDUSTRIES

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

Licence history

Date	Reference number	Summary of changes
14/02/2000	W3109/2000/1	H.A.R. Pty Ltd application to operate the site as an abattoir
2004 to 2009	L7989/2004/7	Abattoir previously operated as International Exporters Gingin Export Abattoir. Occupier Jaerich Pty Ltd. The abattoir ceased to operate on 28 June 2010 and the licence was not reissued.
23/08/2012	L8670/2012/1	New licence to operate as the Kimberley Freerange Gingin Brook Road Abattoir. Occupier Kimberley Freerange Beef Pty Ltd.
21/08/2014	L8670/2012/2	Licence re-issue and conversion to REFIRE format. This licence ceased on 22 August 2017 due to non-payment of the annual fee.
12/04/2018	L9118/2018/1	This licence is for the replacement of licence L8670/2012/2.
15/11/2018	L9118/2018/1	Licence transferred from Kimberley Freerange Beef Pty Ltd to WA Meat Exports Pty Ltd
23/03/2022	L9118/2018/1	DWER initiated amendment to extend the licence expiry date, update the licence format and add additional notification requirements. Licence holder's company name updated to Prime Meat Co Pty Ltd. This licence ceased on 11 May 2022 due to non-payment of the annual fee and an application to surrender the licence having been received on 29 April 2022.
24/11/2022	L9354/2022/1	New licence to operate a category 15: abattoir premises as Bigfoot Meats. Occupier Bigfoot Australia Pty Ltd.

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

- 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
Abattoir			
1.	Abattoir consisting of: <ul style="list-style-type: none"> - Slaughter floor - Wastewater drainage pipes - Enclosed hoppers and bins - Covered shed with concrete floor - Cold storage 	<ul style="list-style-type: none"> a) All wastewater from the abattoir must pass through sieves located in the floor drains and then through the solids screens (J screen and Tumbler screen) to remove gross solids before being discharged to the wastewater ponds; b) The slaughter room floor drainage system must separate all blood waste and direct it to the blood holding tanks; c) Animal carcasses, skins, offal, paunch, fat and bone must be contained in a covered shed, hoppers or bins with bunded concrete floor for no longer than 24 hours prior to being stored in cold storage or disposed of offsite; and d) Blood must be disposed offsite each day following animal processing. 	Slaughter and Cold store as shown in Schedule 1, Figure 2
Wastewater treatment system			
2.	Wastewater treatment system consisting of: <ul style="list-style-type: none"> - 2000L capacity Settling tank fitted with a high level float - Solids screen (J screen and Tumbler screen) - 19.2m³ Concrete bunker for the storage of screened solids - HDPE lined evaporation pond with two aerators (Pond 1) (1,500m³); and - HDPE lined evaporation pond 	<ul style="list-style-type: none"> a) All wastewater conveying hardstands, sumps, drains and pipes must be maintained to prevent leakage to subsurface soils; b) All wastewater tanks and the concrete bunker must be maintained free of leaks; c) To prevent overflow, the high level float in the settling tank must be maintained to detect maximum volume before releasing the water to flow to Pond 1; d) Concrete bunker must be regularly cleared of solids and managed so that it does not overtop; e) All wastewater must pass through the settling tank and screens prior to being directed into Pond 1 and then into Pond 2; f) Solids collected from the screen must be contained in the concrete bunker prior to disposal off-site; g) Ponds 1 and 2 must be maintained to achieve a minimum permeability of 1×10^{-9} m/s; h) A minimum top of embankment freeboard of at 	Water tanks, J screen and Tumbler screen, Pond 1 and Pond 2 as shown in Schedule 1, Figure 2

Site infrastructure and equipment		Operational requirement	Infrastructure location
	(Pond 2) (1,500m ³)	<p>least 500mm must be maintained in all ponds;</p> <p>i) Trapped overflows must be maintained on the outlet of Pond 1 to prevent carry-over of surface floating matter;</p> <p>j) Vegetation and floating debris (emergent of otherwise) must be prevented from encroaching onto pond surfaces or inner pond embankments; and</p> <p>k) Livestock must not be able to access the wastewater treatment system or ponds.</p> <p>l) No discharge of waste or wastewater from the wastewater treatment system to the environment must occur.</p>	
Blood storage			
4.	Blood holding tank area - bunded concrete hardstand area	<p>a) All blood holding tanks must be contained on the bunded concrete hardstand prior to off-site disposal;</p> <p>b) Blood tanks to be sealed and maintained free of leaks; and</p> <p>c) Blood tanks must receive all blood waste</p>	Blood tank as shown in Schedule 1, Figure 2
Solid waste storage			
5.	Bunded concrete solid waste stockpile storage area with sloped floor and drainage	<p>a) Must receive only manure;</p> <p>b) Manure must be stored in skip bins on the bunded concrete stockpile storage area pending offsite removal; and</p> <p>d) All leachate must be directed via drainage channels to wastewater treatment system.</p>	Manure skip bins as shown in Schedule 1, Figure 2
Covered lairage and holding pens			
6.	Covered lairage and covered holding pens (igloo) with concrete floors	<p>a) Must only hold livestock for the purpose of awaiting slaughter;</p> <p>b) Wash water from covered lairage and holding pens must be discharged to the wastewater treatment system; and</p> <p>c) Manure from the covered lairage and holding pens must be removed on a daily basis for stockpiling in the solid waste storage area and offsite disposal.</p>	Lairage and Igloo stock yard as shown in Schedule 1, Figure 2

Monitoring

General monitoring

2. The licence holder must ensure that:
 - (a) all water samples are collected and preserved in accordance with AS/NZS 5667.1;
 - (b) all groundwater sampling is conducted in accordance with AS/NZS 5667.11;

- (c) all laboratory samples are submitted to and tested by a laboratory with current NATA accreditation for the parameters being measured (unless indicated otherwise in the relevant table).
3. The licence holder must ensure that six monthly monitoring is undertaken at least 5 months apart.

Groundwater monitoring

4. The licence holder must undertake the groundwater sampling in Table 2 and record all the results of such monitoring specified in that table.

Table 2: Monitoring of ambient groundwater quality

Monitoring point reference	Parameter	Units	Averaging period	Frequency
MB5, MB6 and MB7, as shown in Schedule 1: Maps Figure 3	Standing water level ¹	m(AHD)	Spot sample	Six monthly sampling (June and December)
	pH ¹	-		
	Electrical conductivity ¹	µS/cm		
	Total nitrogen	mg/L		
	Nitrate nitrogen			
	Ammonia nitrogen			
	Total phosphorous			
	Total dissolved solids			

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

Records and reporting

5. 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.
6. 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.
7. The licence holder must submit to the CEO by no later than 60 days after the end of each annual period, an Annual Environmental Report for that annual period for the conditions listed in Table 3, and which provides information in accordance with the corresponding requirement(s) set out in Table 3.
8. 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 4 of this licence; and
 - (d) complaints received under condition 5 of this licence.
9. The books specified under condition 8 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.
10. The licence holder must submit to the CEO by no later than 60 days after the end of that annual period, an Annual Environmental Report for that annual period for the conditions listed in Table 3, and which provides information in accordance with the corresponding requirement set out in Table 3.

Table 3: Annual environmental report

Condition or table	Requirement
-	Summary of any failure or malfunction of any pollution control equipment and any environmental incidents that have occurred during the annual period and any action taken.
-	Number and tonnes (liveweight and hot carcass weight) of livestock through abattoir per annual period.
Table 2	Groundwater monitoring
Condition 5	Complaint summary
Condition 6	Compliance summary

Definitions

In this licence, the terms in Table 4 have the meanings defined.

Table 4: 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)
freeboard	means the distance between the maximum water surface elevations and the top of retaining banks or structures at their lowest point.
HDPE	means high-density polyethylene
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
monthly period	means a one-month period commencing from the first day of a month until the last day of that same month.
NATA	means the (Australian) National Association of Testing Authorities
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: Maps of this licence
prescribed premises	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.

END OF CONDITIONS

Schedule 1: Maps

Premises map

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

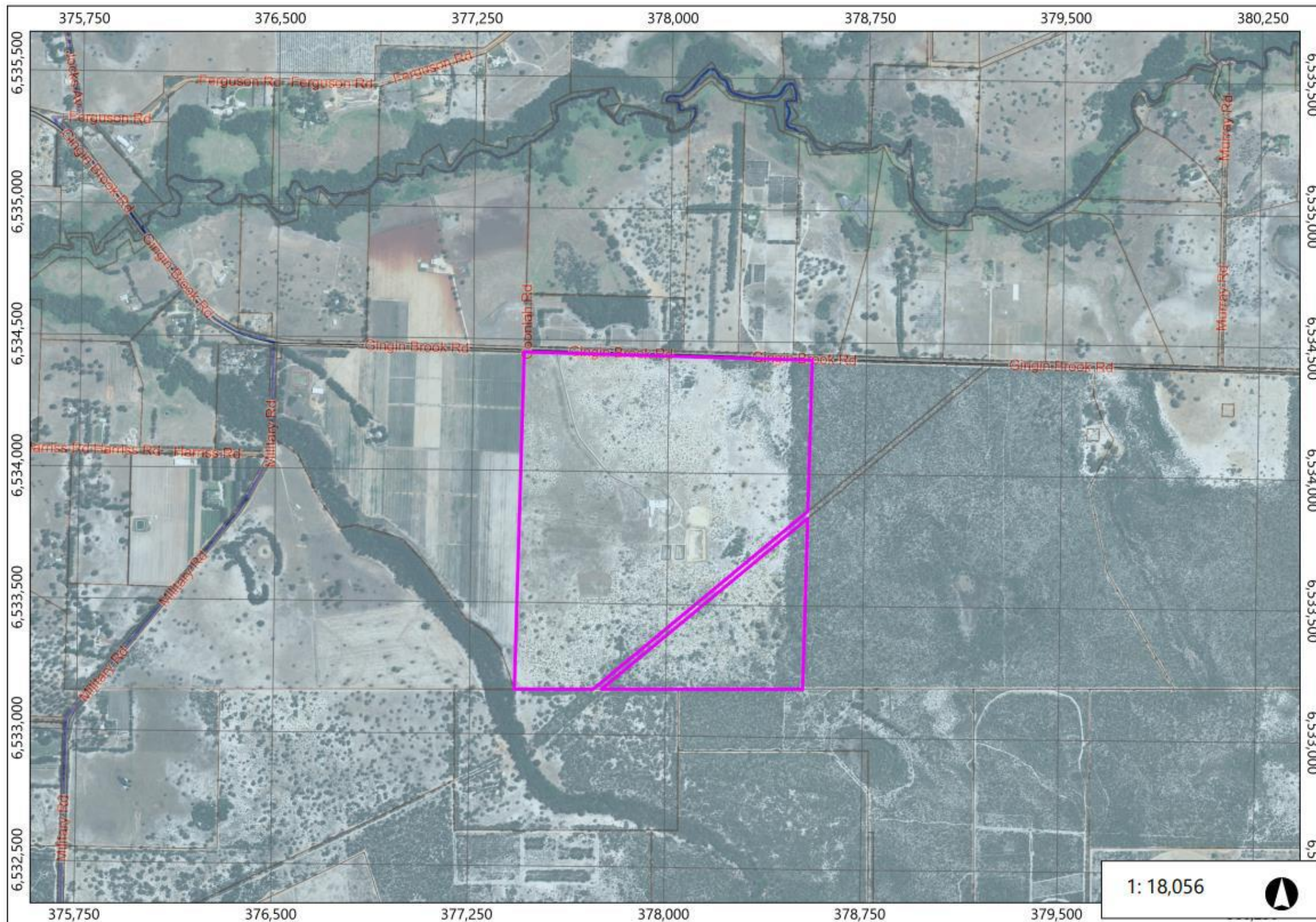


Figure 1: Map of the boundary of the prescribed premises

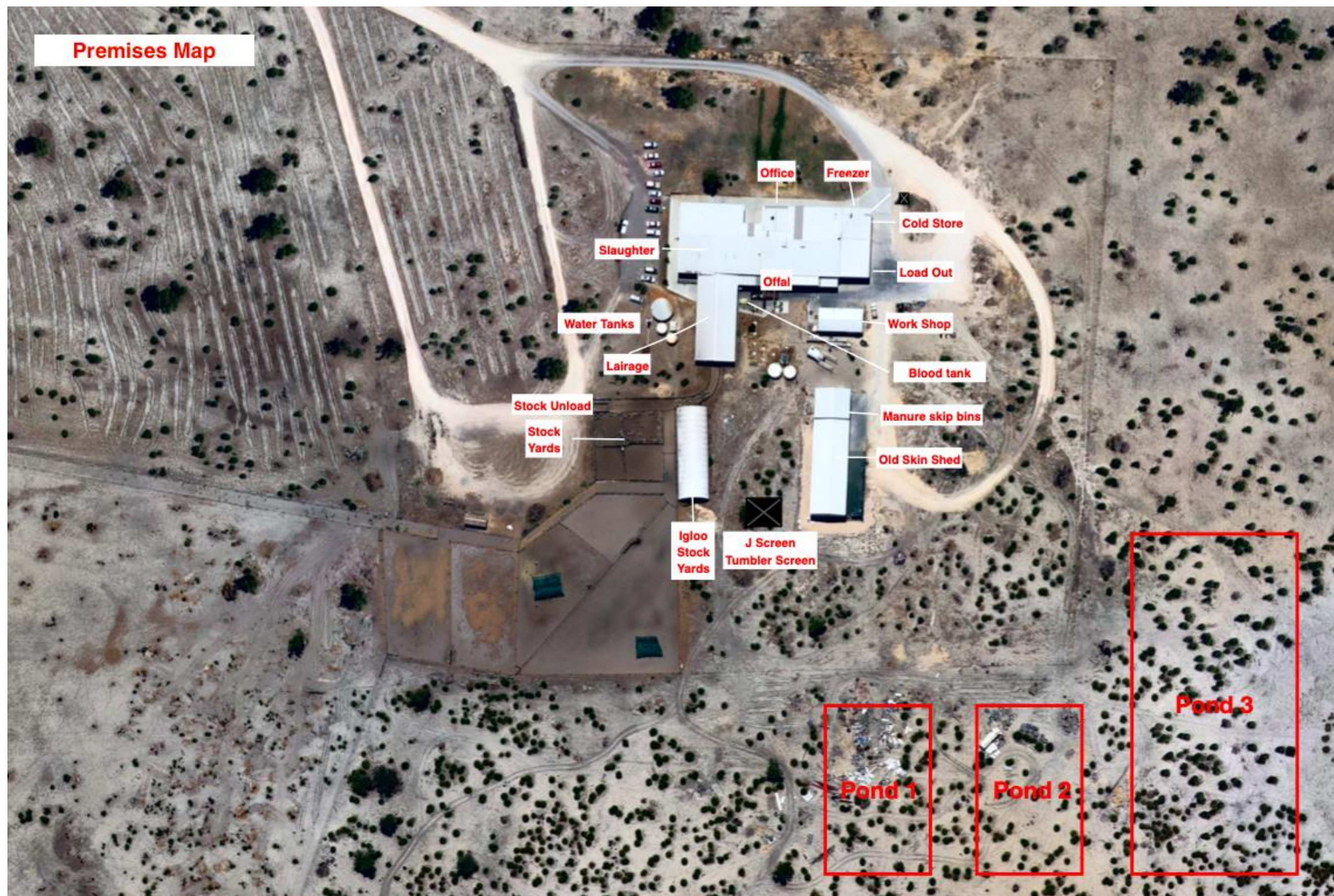


Figure 2: Site plan (note: Pond 3 is not operational and not authorised to be used in this licence)

The location of the monitoring points defined in Table 2 are shown below (Figure 3).

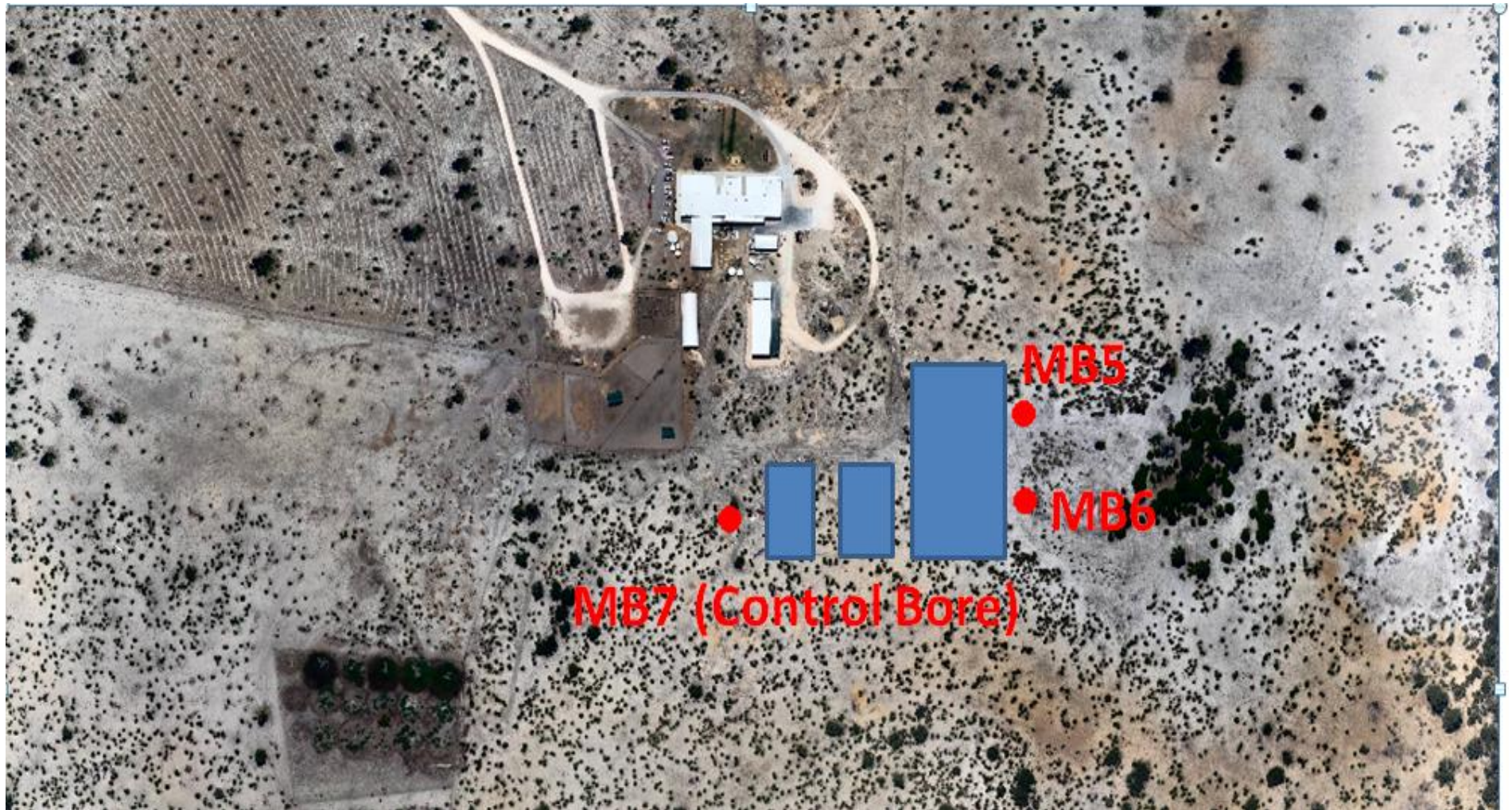


Figure 3: Map of monitoring points