



Licence number	L7294/1998/11
Licence holder	Minerva Foods Australia Pty Ltd
ACN	ACN 652 859 811
Registered business address	Unit 1 58 Metroplex Ave, Murarrie QLD 4172
DWER file number	DER2016/001700-2
Duration	3/11/2017 to 17/10/2027
Date of transfer	10 June 2022
Premises details	Esperance Meats Exports Legal description – Lot 21 on Deposited Plan 180121 and Lot 1043 on Deposited Plan 152576 MYRUP WA 6450 As defined by the Premises maps in Schedule 1

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)	Assessed production capacity
Category 15: Abattoir: premises on which animals are slaughtered	Not more than 10,000 tonnes hot standard carcass weight per annual period
Category 16: Rendering operations: premises on which substances from animal material are processed or extracted	Not more than 10,000 tonnes per annual period
Category 55: Livestock saleyard or holding pen: premises on which live animals are held pending their sale, shipment or slaughter	Not more than 300,000 animals per annual period
Category 83: Fellmongering: premises on which animal skins or hides are dried, cured or stored	Not more than 300 000 skins per annual period

This licence is transferred to the licence holder, subject to the attached conditions, on 10 June 2022, 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
18/10/1998	L7298/1998/1	New application - Grieves and Reid, Shark Lake Meat Works
18/10/1999	L7298/1998/2	Licence re-issue
18/10/2000	L7298/1998/3	Licence re-issue
02/10/2001	L7298/1998/4	Licence re-issue
11/10/2002	L7298/1998/5	Licence re-issue
30/10/2003	L7298/1998/6	Licence re-issue
18/10/2004	L7298/1998/7	Licence re-issue
18/10/2005	L7294/1998/8	Licence re-issue
18/10/2006	L7298/1998/9	Licence re-issue
19/06/2008	L7298/1998/9	Licence Transfer to Shark Lake Food Group Pty Ltd
16/10/2008	L7294/1998/10	Licence re-issue
08/01/2009	W4497/2008/1	Works Approval (installation of bio-filter and anaerobic Pond 1)
17/07/2010	L7294/1998/10	Licence amendment
06/01/2011	L7294/1998/10	Licence amendment
25/01/2012	W5107/2011/1	Works Approval (three new evaporation ponds and to increase throughput to 30,000 tpa (live weight)) expires 24/01/2018
2/02/2012	L7294/1998/10	Licence amendment
01/10/2014	L7294/1998/10	Licence amendment
17/10/2014	L7294/1998/11	Licence re-issue and update to new template
03/10/2014	L7294/1998/11	Licence amendment to allow SLFG accept liquid waste from Myrup TWLWF
17/12/2015	L7294/1998/11	Licence amendment to remove category 61 and allow general infrastructure upgrades
29/04/2016	L7294/1998/11	Amendment by notice to amend licence expiry date.
23/03/2017	L7294/1998/11	Amendment Notice 1 - Amendment to conditions and increase in category 15 approved premises production capacity.
03/11/2017	L7294/1998/11	Licence Transferred to Esperance Meat Exports



20/2/2018	L7294/1998/11	Amendment Notice 2 - Removal of groundwater licence limits for TDS and aluminium, and monitoring of chlorine residuals.
10/06/2022	L7294/1998/11	Licence Transferred to Minerva Foods Australia Pty Ltd. Contents of Amendment Notice 2 incorporated into licence.

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 on 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:

1.1 General conditions

- 1.1.1 The Licence holder shall operate and maintain all pollution control and monitoring equipment to the manufacturer’s specification or any relevant and effective internal management system.
- 1.1.2 The Licence holder shall immediately recover, or remove and dispose of spills of environmentally hazardous materials which occur outside an engineered containment system.
- 1.1.3 The Licence holder shall:
 - (a) implement all practical measures to prevent stormwater run-off becoming contaminated by the activities on the Premises.¹
 Note1: *The Environmental Protection (Unauthorised Discharges) Regulations 2004* make it an offence to discharge certain materials into the environment.

1.2 Premises operation

- 1.2.1 The Licence holder shall only conduct activities on the premises in accordance with the authorised processes set out in Table 1.2.1.

Table 1.2.1: Authorised Processes		
Animals/Waste	Processes	Process limits
Animals	Receipt, slaughter and processing	No more than 10,000 tonnes (hot standard carcass weight) of animals may be slaughtered per annual period.
Animals	Holding and lairage	Animals must not be placed or held in the holding yards indicated on the map of emission points and containment infrastructure locations in Schedule 1.
Animal waste material for rendering	Storage, handling, hydrolysing and rendering	Not more than 10,000 tonnes of animal waste material shall be rendered per annual period. The Licence holder must operate the rendering facility such that exhaust gases from the cookers are directed to the condenser and bio-filter.
Animal skins	Storage, handling and curing	Salt wastes must not be discharged to land or into the wastewater treatment system.
Blood	Storage, handling, and cooking	The Licence holder must operate the blood cooker such that exhaust gases are directed to the condenser and bio-filter. Run-off from the blood storage, handling and cooking areas must be directed to the wastewater system.
Untreated wastewater	Physical and biological treatment	All wastewaters including wash down water, by-products wastewater and contaminated run-off shall be directed to the wastewater treatment ponds using impervious pipes or drains.
Treated wastewater	Evaporation	A net volume of no greater than 8ML of treated wastewater shall be stored in evaporation Pond 6 per annual period. No more than 20ML cumulative volume of treated wastewater shall be re-directed from evaporation Pond 6 into evaporation Ponds 7 and 8 per annual period. No net volume of treated wastewater must be stored in holding Pond 11 from the commencement to the end of each annual period.



		No irrigation or discharge of wastewater to land shall occur.
Tallow	Storage and burning to generate steam and hot water	Used in the boilers as a fuel.
Sump oil		

1.2.2 The Licence holder shall ensure that waste is only stored and/or treated within vessels or compounds provided with the infrastructure detailed in Table 1.2.2.

Table 1.2.2: Containment infrastructure		
Storage vessel or compound	Material	Infrastructure requirements
Solid waste storage bay	Manure collected from stock holding pens, lairage and transport vehicles, and paunch material	Covered and bunded hardstand area.
Blood tank	Blood	2 x 10 000L enclosed impermeable tanks, stored on a hardstand area.
Tallow tank	Tallow	1 x 12 000L; 1 x 16 000L; 1 x 40 000L; 1 x 90 000L enclosed impermeable tanks, stored on a hardstand area.
Sump oil tank	Sump oil	1 x 35 000L enclosed impermeable tank, stored on a hardstand area.
Pond 1 (Anaerobic pond)	Abattoir, rendering and stock holding yards wastewater	Lined to achieve a permeability of at least 1×10^{-9} m/s.
Pond 2 (Aerobic pond)		
Pond 3 (Aerobic pond)	Treated wastewater	Clay lined.
Pond 4 (Aerobic pond)		
Pond 5 (Aerobic pond)		
Pond 6 (Evaporation pond)		
Pond 7 (Evaporation pond)		
Pond 8 (Evaporation pond)		HDPE lined.
Pond 11 (Holding pond)		Lined with at least 1m of clay to achieve a permeability of at least 1×10^{-9} m/s.
Wastewater transfer pipeline from Pond 5 to Pond 6, 7 and 8		Constructed from impervious poly-pipe with intact joints.

1.2.3 The Licence holder shall ensure that where waste produced on the Premises are not immediately taken off-site for lawful use or disposal, they are managed in accordance with the requirements in Table 1.3.3.



Table 1.2.3: Management of Waste		
Waste type	Disposal strategy	Operational requirements
Pre-slaughter deceased animals	Storage, handling, hydrolysing and rendering	Deceased livestock identified prior to slaughter must be rendered within 24 hours. Burial of deceased livestock must not occur.
Animal waste material for rendering	Storage, handling, hydrolysing and rendering	Stored within sealed buildings, covered vessels or containers prior to rendering. Raw animal waste material must not be stored for longer than 24 hours prior to rendering.
Manure collected from stock holding pens, lairage and transport vehicles, and paunch material	Storage and handling prior to removal off-site.	Stored in a covered and bunded hardstand area.
Animal skins	Storage, handling and curing	Sheep skins must be treated with salt within 8 hours of slaughter and stored on a covered hardstand area. Cattle skins must be refrigerated within 8 hours of slaughter.
Blood	Storage, handling, and cooking	Blood must be rendered the same working day it is generated.
Waste cardboard, paper, and untreated timber	Incineration	No other wastes must be incinerated.

- 1.2.4 The Licence holder shall manage wastewater Ponds 2 to 8 and Pond 11 such that:
- a minimum freeboard of 300mm is maintained;
 - stormwater runoff is prevented from causing the erosion of inner and outer pond embankments;
 - overflow of wastewater from the ponds does not occur;
 - vegetation is prevented from growing on inner pond embankments; and
 - a freeboard marker is maintained to enable the internal freeboard levels to be measured (in millimetres) at all times.
- 1.2.5 The Licence holder shall manage wastewater Pond 1 (anaerobic pond) such that a crust is maintained at all times.
- 1.2.6 The Licence holder shall manage wastewater Pond 5 and Pond 6 such that:
- all treated wastewater being directed to Pond 6 passes through flow meter 1 (PM1);
 - all treated wastewater being directed to Ponds 7 and 8 from Pond 6 passes through flow meter 2 (PM2);
 - all treated wastewater being directed from Pond 5 to Pond 11 passes through flow meter 3 (PM3); and
 - all treated wastewater being directed from Pond 11 to Pond 5 passes through flow meter 4 (PM4).
- 1.2.7 The Licence holder shall manage Ponds 6, 7, 8 and 11 such that the water transfer pipeline outlet is kept clear of the water surface level at all times.



Emissions

2.1 General

2.1.1 The Licence holder shall record and investigate the exceedance of any descriptive or numerical limit specified in any part of section 2 of this Licence.

2.2 Point source emissions to air

2.2.1 The Licence holder shall ensure that where waste is emitted to air from the emission points in Table 2.2.1 and identified on the map of emission points in Schedule 1 it is done so in accordance with the conditions of this Licence.

Table 2.2.1: Emission points to air

Emission point reference and location on Map of emission point and containment infrastructure locations	Emission point	Source, including any abatement
A1	Boiler house stack	Sump oil or tallow fired boilers
A2	Biofilter	Waste gases from the cookers passed through the condenser

2.2.2 The Licence holder shall not cause or allow point source emissions to air greater than the limits listed in Table 2.2.2.

Table 2.2.2: Point source emission limits to air

Emission point Reference	Parameter	Limit (including units) ¹	Averaging period
A1	Smoke	Ringelmann Shade 4 or greater for a period longer than four minutes	Spot Sample

Note 1: All units are referenced to AS 3543 Ringelmann and Australian Standard miniature smoke charts

Monitoring

3.1 General monitoring

3.1.1 The Licence holder shall ensure that:

- all water samples are collected and preserved in accordance with AS/NZS 5667.1;
- all wastewater samples are collected in accordance with AS/NZS 5667.10;
- all surface water sampling is conducted in accordance with AS/NZS 5667.6;
- all groundwater sampling is conducted in accordance with AS/NZS 5667.11; and
- all samples are submitted to and tested by a laboratory with current NATA accreditation for the parameters being measured.

3.1.2 The Licence holder shall ensure that:

- monthly monitoring is undertaken at least 15 days apart;
- quarterly monitoring is undertaken at least 45 days apart; and
- annual monitoring is undertaken at least 9 months apart.

3.1.3 The Licence holder shall record production or throughput data and any other process parameters relevant to any monitoring undertaken.

3.1.4 The Licence holder shall ensure that all monitoring equipment used on the Premises to comply with the conditions of this Licence is calibrated in accordance with the manufacturer's specifications.



3.1.5 The Licence holder shall, where the requirements for calibration cannot be practicably met, or a discrepancy exists in the interpretation of the requirements, as soon as reasonably practicable bring these issues to the attention of the CEO accompanied with a report comprising details of any modifications to the methods.

3.2 Monitoring of point source emissions to air

3.2.1 The Licence holder shall undertake the monitoring in Table 3.2.1 according to the specifications in that table.

Table 3.2.1: Monitoring of point source emissions to air					
Emission point reference	Parameter	Units ¹	Averaging period	Frequency	Method
A1	Smoke	Ringelmann Shade	Spot sample	Every 60 minutes during operation of the boilers	AS 3543

Note 1: All units are referenced to AS 3543 Ringelmann and Australian Standard miniature smoke charts

3.3 Monitoring of inputs and outputs

3.3.1 The Licence holder shall monitor and record inputs/outputs in Table 3.3.1 according to the specifications in that table.

Table 3.3.1: Monitoring of inputs and outputs				
Input/output	Parameter/ substance	Units	Averaging period	Frequency
Input	Live Weight of animals processed at the Premises ¹	Tonnes	Monthly	Each batch of animals arriving at the Premises for the purpose of slaughter
	Water directed to the wastewater treatment system estimated using water usage	kL		Continuous
	Animal waste materials being rendered	Tonnes		Each load entering the rendering plant
Output	Animal waste material	Tonnes	Monthly	Each load leaving the premises.
	Animal skins	Number		

Note 1: Live weight to be calculated from hot standard carcass weight tonnages.



3.4 Process monitoring

3.4.1 The Licence holder shall undertake the monitoring in Table 3.4.1 according to the specifications in that table.

Table 3.4.1: Process monitoring					
Monitoring point reference and location on Map of monitoring locations	Process description	Parameter/ Substance	Units	Frequency	Method
Ponds 6, 7, 8 and 11	Freeboard marker in Ponds 6, 7, 8 and 11	Freeboard	mm	Daily	Visually measured using the freeboard marker
PM1	Wastewater transfer between Conshear and Pond 1	Wastewater input to wastewater treatment system	kL	Daily	Meter readings
PM2	Wastewater transfer between Pond 5 and Pond 6	Cumulative wastewater transfer between Pond 5 and Pond 6		Before and after each transfer of wastewater	
PM3	Wastewater transfer between Pond 5 and Pond 11	Cumulative wastewater transfer between Pond 5 and Pond 11			
PM4	Wastewater transfer between Pond 6 and Pond 7 and Pond 8	Cumulative wastewater transfer between Pond 6 and evaporation Ponds 7 and 8			
P1, P2, and P3	Water transfer pipelines	Integrity of water transfer pipeline	None	Daily	Visually inspected for any leaks, punctures, diversions or failures, and verify that the outlet is above the water level in the receiving pond.
Boilers	Steam generation	Operating hours	Hours	Monthly	None specified



3.6 Ambient environmental quality monitoring

3.5.1 The Licence holder shall undertake the monitoring in Tables 3.5.1 and 3.5.2 according to the specifications in those tables and record and investigate results that do not meet any limit specified.

Table 3.5.1: Monitoring of ambient surface water quality				
Monitoring point reference and location on Map of monitoring locations	Parameter/ Substance	Units	Averaging period	Frequency
WQ1- WQ2 (Melijinup Creek)	pH	-	Spot sample	Monthly when water is present
	Electrical conductivity	µS/cm		
	Total Nitrogen	mg/L		
	Total Aluminium			
	Total Phosphorus			
	Total Suspended Solids			
Biochemical Oxygen Demand				

Table 3.5.2: Monitoring of ambient groundwater quality					
Monitoring point reference and location on Map of monitoring locations	Parameter/ Substance	Limits	Units	Averaging period	Frequency
GQ1,GQ2, GQ3, GQ4, GQ5, EPB1, EPB2, EPB3, EPB4 and EPB5	Standing water level(SWL) ^{1,2}	-	mbgl	Spot sample	Quarterly
	pH ²	-	-		
	Electrical conductivity	-	µS/cm		
	Boron	40	mg/L	Spot sample	Annually
	Cadmium	0.02			
	Copper	20			
	Lead	0.1			
	Mercury	0.01			
	Zinc	30			
	Total Dissolved Solids	-			
	Total Nitrogen	-			Quarterly
	Total Phosphorus	-			
	Total Aluminium	-			

Note 1: Excluding extraction bore GQ1

Note 2: In situ non-NATA accredited analysis permitted



Records and Reporting

4.1 Records

- 4.1.1 All information and records required by the Licence shall:
- (a) be legible;
 - (b) if amended, be amended in such a way that the original and subsequent amendments remain legible or are capable of retrieval;
 - (c) except for records listed in 4.1.1(d) be retained for at least 6 years from the date the records were made or until the expiry of the Licence or any subsequent licence; and
 - (d) for those following records, be retained until the expiry of the Licence and any subsequent licence:
 - (i) off-site environmental effects; or
 - (ii) matters which affect the condition of the land or waters.
- 4.1.2 The Licence holder shall ensure that:
- (a) any person left in charge of the Premises is aware of the conditions of the Licence and has access at all times to the Licence or copies thereof; and
 - (b) any person who performs tasks on the Premises is informed of all of the conditions of the Licence that relate to the tasks which that person is performing.
- 4.1.3 The Licence holder shall complete an Annual Audit Compliance Report indicating the extent to which the Licence holder has complied with the conditions of the Licence and any previous licence issued under Part V of the Act for the Premises for the previous annual period.
- 4.1.4 The Licence holder shall implement a complaints management system that as a minimum records the number and details of complaints received concerning the environmental impact of the activities undertaken at the Premises and any action taken in response to the complaint.
- 4.1.5 The Licence holder shall implement and maintain a flow recording log that contains the following information for all wastewater flows on the premises:
- (a) Flow meter name (PM1, PM2, PM3 or PM4, as identified in Schedule 1);
 - (b) Time and date of meter recording;
 - (c) Cumulative flows in kL;
 - (d) Place of flow discharge (e.g. name of receiving pond);
 - (e) Vertical freeboard measurement within the receiving pond before and after each wastewater flow;
 - (f) Monthly water transfer pipeline integrity inspections; and
 - (g) Name and person making entry.
- 4.1.6 The Licence holder shall implement and maintain a smoke recording log on the premises that records the monitoring carried out in accordance with condition 3.2.1.



4.2 Reporting

4.2.1 The Licence holder shall submit to the CEO an Annual Environmental Report within 28 calendar days after the end of the annual period. The report shall contain the information listed in Table 4.2.1 and where specified in the format or form specified in that table.

Table 4.2.1: Annual Environmental Report		
Condition or table (if relevant)	Parameter/ required information	Format or form¹
Table 3.3.1	Estimated wastewater volumes in kL directed to the wastewater treatment system per annual period (calculated from water usage).	None specified
Table 3.3.1	Operating hours per month for boilers; Type of fuel used and corresponding quantity in tonnes; and Any maintenance records for the boilers outlining conformance with manufacturer's environmental emission specifications.	None specified
Table 2.2.2	Limit exceedances for the annual period	None specified
Table 3.3.1	Number and species of animals and approximate live weight Tonnage of animals slaughtered each month, Tonnage of animal waste materials and manure leaving the premises. Tonnage of animal products being rendered. Number of animal skins leaving the premises.	None specified
Table 3.4.1	Pipeline integrity for the annual period and cumulative water flows from: <ul style="list-style-type: none"> • Pond 5 to evaporation Pond 6; • evaporation Pond 6 to Ponds 7 and 8; • Pond 5 to holding Pond 11; and • Holding Pond 11 to Pond 7 and 8. 	Log as per condition 4.1.5
3.5.1	Results of any investigation into ambient monitoring that did not meet any limit specified.	None specified
Table 3.5.1	Total nitrogen, total aluminium, total phosphorus, suspended solids, biochemical oxygen demand, electrical conductivity and pH.	None specified
Table 3.5.2	Standing water level, pH, electrical conductivity, total dissolved solids, boron, cadmium, chlorine residuals, copper, lead, mercury, zinc, total nitrogen, total phosphorous, and total aluminium.	None specified
4.1.3	Compliance	Annual Audit Compliance Report (AACR). The AACR template can be found on the DWER's website www.dwer.wa.gov.au
4.1.4	Complaints.	None specified



- 4.2.2 The Licence holder shall ensure that the Annual Environmental Report also contains:
- (a) any relevant process, production or operational data recorded under condition 3.1.3; and
 - (b) an assessment of the information contained within the report against all previous monitoring results and Licence limits.

4.2.3 The Licence holder shall submit the information in Table 4.2.3 to the CEO according to the specifications in that table.

Table 4.2.3: Non-annual reporting requirements				
Condition or table (if relevant)	Parameter	Reporting period	Reporting date (after end of the reporting period)	Format or form¹
-	Copies of original monitoring reports submitted to the Licence holder by third parties	Not Applicable	Within 14 days of the CEO's request	As received by the Licence holder from third parties
Table 3.2.1	Monitoring of emissions to air	Quarterly	Within 30 days of the period ending	Log as per condition 4.1.6

Note 1: Forms are in Schedule 2

4.3 Notification

4.3.1 The Licence holder shall ensure that the parameters listed in Table 4.3.1 are notified to the CEO in accordance with the notification requirements of the table.

Table 4.3.1: Notification requirements			
Condition or table (if relevant)	Parameter	Notification requirement¹	Format or form²
2.1.1	Breach of any limit specified in the Licence	Part A: As soon as practicable but no later than 5pm of the next usual working day. Part B: As soon as practicable	N1
3.1.5	Calibration report detailing discrepancy or failure to meet specification	As soon as practicable but no later than 14 usual working days of becoming aware of them	None specified
3.4.1	Any detected leak, failure or malfunction of a wastewater transfer pipeline which has resulted in a discharge of wastewater to the environment	As soon as practicable but no later than 5pm of the next usual working day.	None specified

Note 1: Notification requirements in the licence shall not negate the requirement to comply with s72 of the Act

Note 2: Forms are in Schedule 2



Definitions

In this licence, the terms in Table 1 have the meanings defined.

Table 1: 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	means a 12-month period commencing from 1 January until 31 December.
APHA-AWWA-WEF	means American Public Health Association (APHA), the American Water Works Association (AWWA) and the Water Environment Federation (WEF)
AS/NZS 5667	means Australian Standard AS5667 Water quality-Sampling
BOD ⁵	means the amount of dissolved oxygen consumed in five days by biological processes breaking down organic matter.
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)
lairage yard	means a pen for holding animals whilst awaiting slaughter.
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.
mg/L	means milligrams per litre
monthly period	A one-month period commencing from the first day of a month until first day of the immediately following month.
NATA	means the (Australian) National Association of Testing Authorities



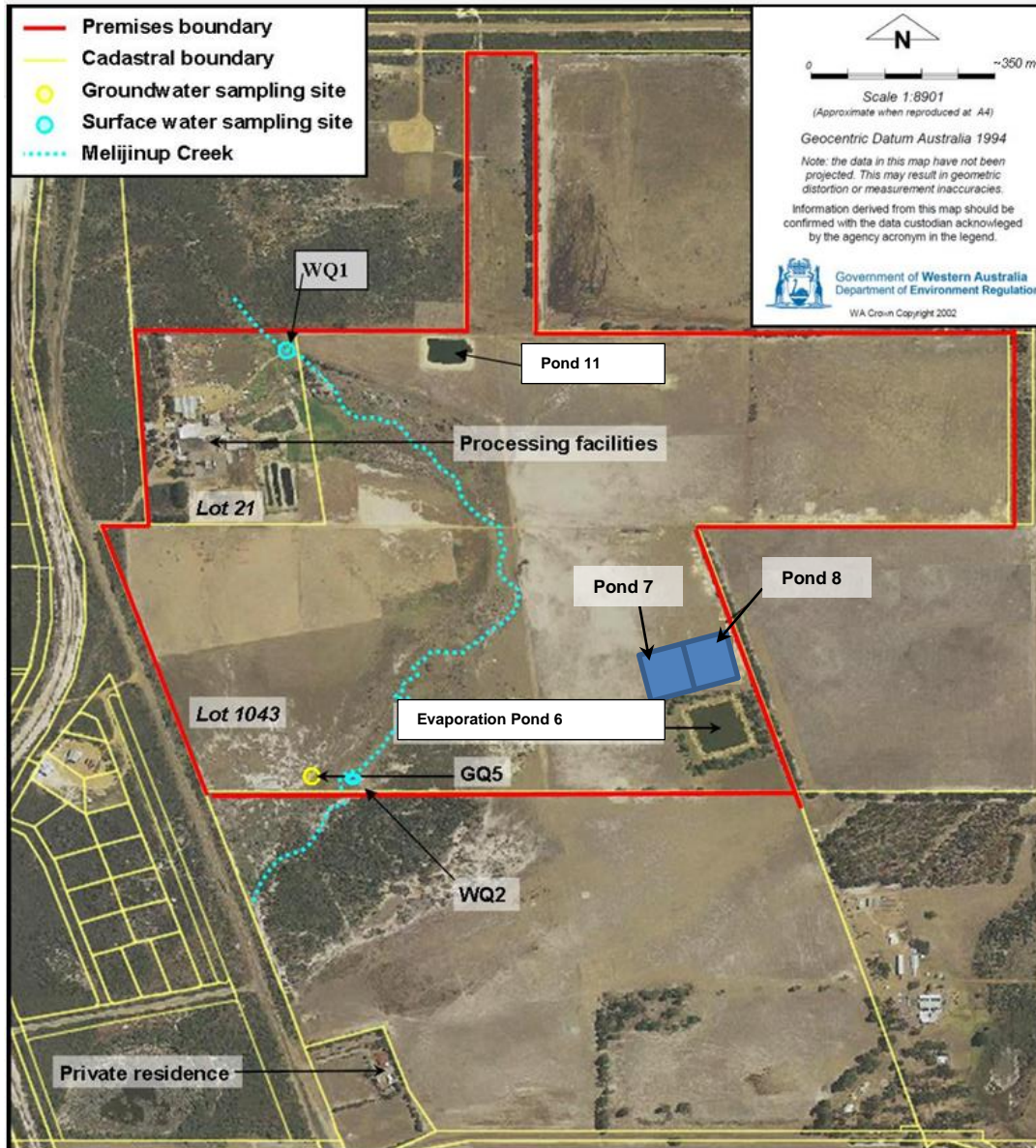
premises	refers to the premises to which this licence applies, as specified at the front of this licence and as shown on the premises map (Figure 1) in Schedule 1 to this licence.
prescribed premises	has the same meaning given to that term under the EP Act.
TDS	means total dissolved solids
TSS	means total suspended solids
Total N	means total nitrogen
Total P	means total phosphorus
waste	has the same meaning given to that term under the EP Act.



Schedule 1: Maps

Premises map

The Premises is shown in the map below. The red line depicts the Premises boundary.





Map of emission points and containment infrastructure locations

The locations of the emission points defined in Tables 2.2.1 and 3.2.1 are shown below. The location of containment infrastructure defined in Table 1.3.2 is shown below.

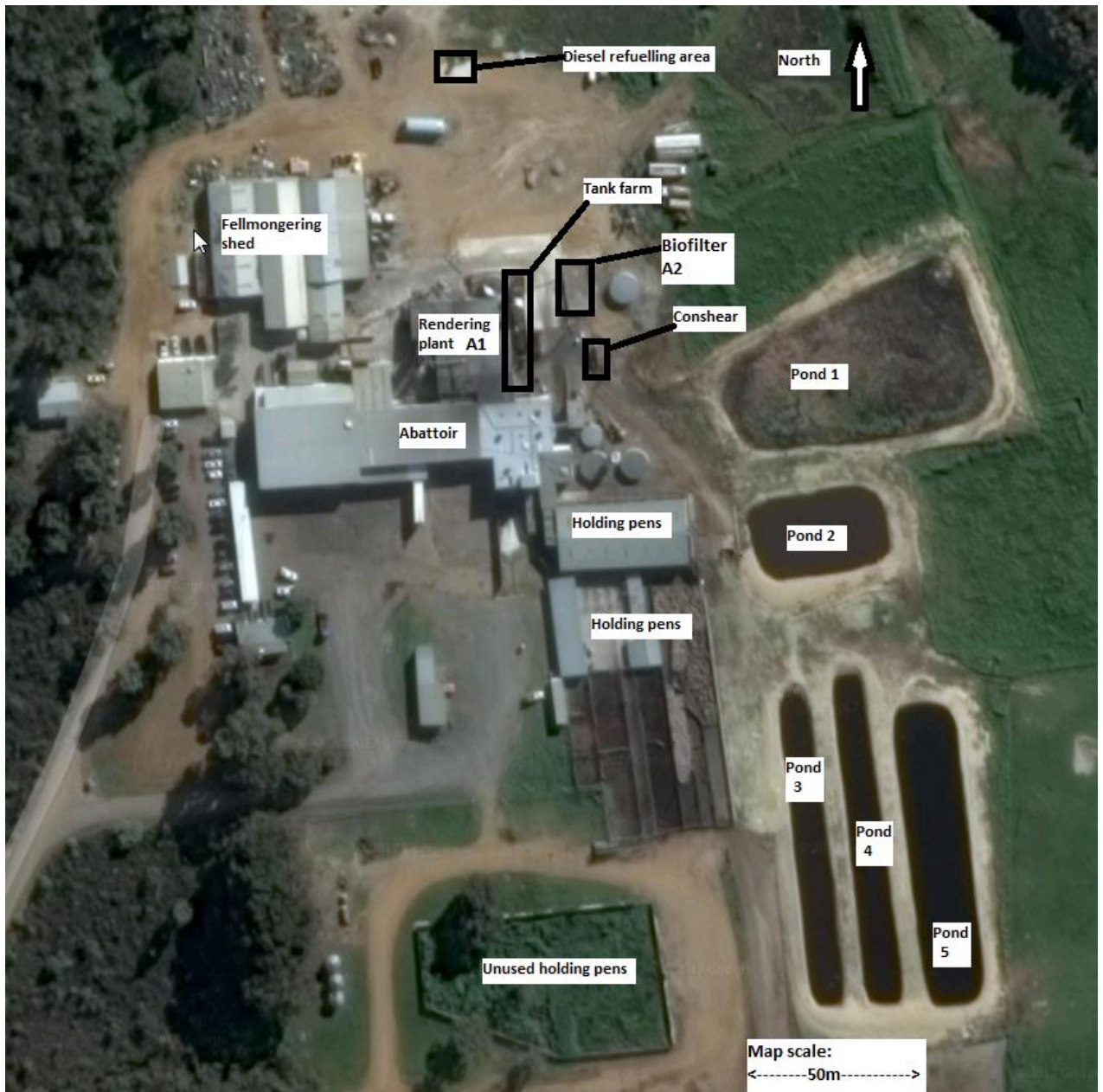


Photo Source: Google Earth <http://google.com.au/maps/> 15 March 2017



Map of monitoring locations

The locations of the monitoring points defined in Tables 3.4.1, 3.5.1 and 3.5.2 are shown below. The location of containment infrastructure defined in Table 1.3.2 is shown below.

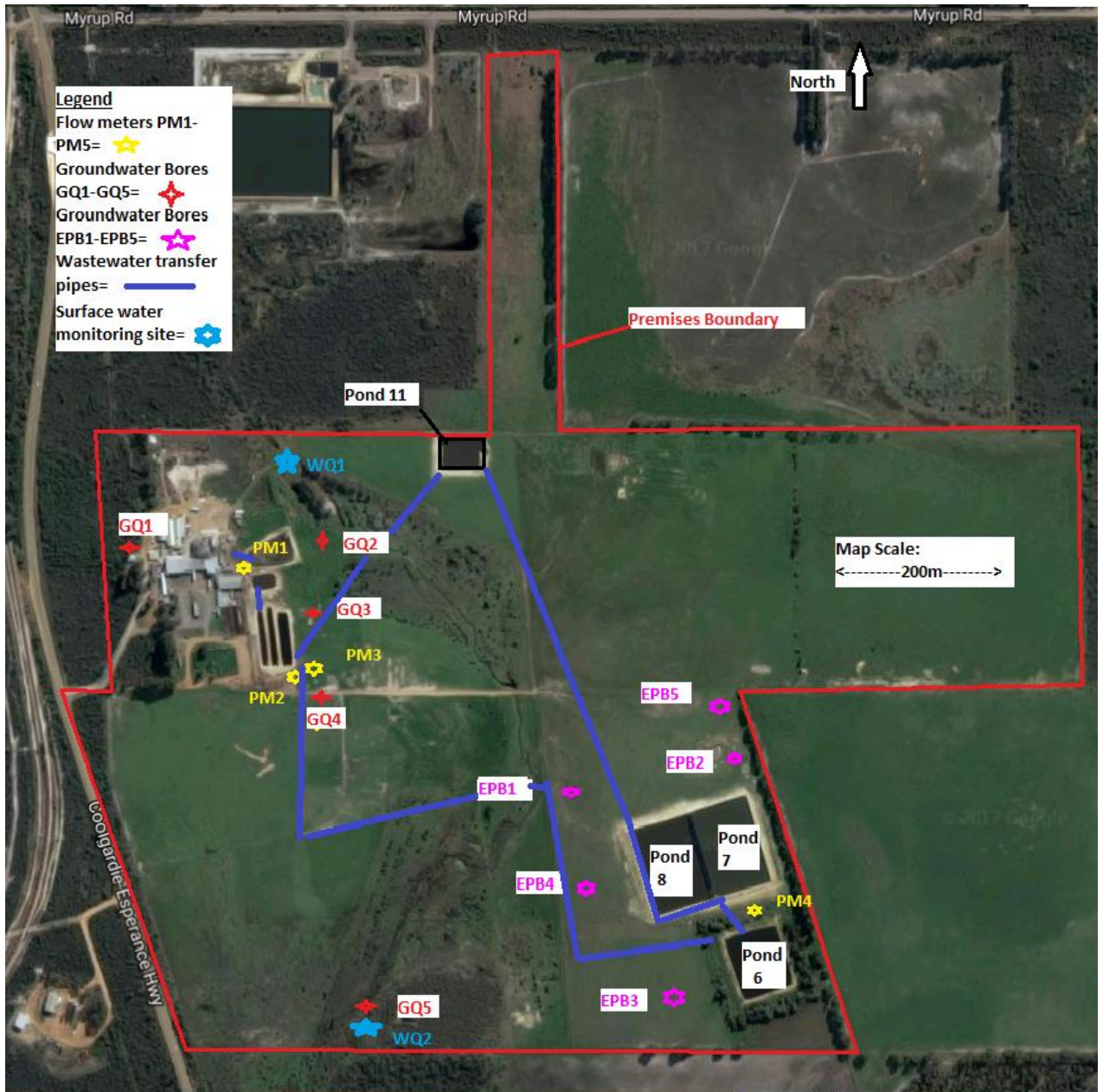


Photo Source: Google Earth <http://google.com.au/maps/> 15 March 2017