



Licence number	L9352/2022/1
Licence holder	Whitmore Gardens Pty Ltd
ACN	054 147 223
Registered business address	5 Marion Street MIDLAND WA 6056
DWER file number	DER2022/000455
Duration	25/03/2024 to 24/03/2044
Date of amendment	07/11/2024
Premises details	'Southdale Pet Meats' 566 South Western Hwy DARLING DOWNS WA 6122 Part of Lot 5 on Diagram 43091 As shown in the premises map in Schedule 1

Prescribed premises category description (Schedule 1, Environmental Protection Regulations 1987)	Assessed production throughput
Category 15: Abattoir: premises on which animals are slaughtered.	Not more than 4,000 liveweight tonnes per year or 2,000 tonnes HSCW per year

This amendment is granted to the licence holder, subject to the attached conditions, on 7 November 2024, by:

**MANAGER, PROCESS INDUSTRIES
STATE-WIDE DELIVERY**

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

Licence history

Date	Ref number	Summary of changes
25/03/2024	L9352/2022/1	Licence granted for existing pet meat abattoir and expansion works for meat for human consumption, with assessed throughput of 10,000 liveweight tonnes per year
07/11/2024	L9352/2022/1	Amendment to remove conditions relating to expansion works

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 the following conditions are complied with:

Premises operation

Infrastructure and equipment

1. The licence holder must ensure the site infrastructure listed in Table 1 is maintained in accordance with the corresponding design requirements in that table.

Table 1: Infrastructure and equipment requirements

	Infrastructure and equipment	Description and design requirements	Infrastructure location ¹
1	Lairage yard	<ol style="list-style-type: none"> (a) Must maintain a roof over the concreted floor area of the yard; (b) Concreted floor area of the yard must be maintained to prevent runoff of effluent to the environment and ingress of overland flow; 	"Lairage", as shown in Schedule 1: Map of infrastructure
2	Kill floor and boning room	<ol style="list-style-type: none"> (a) Floor areas must: <ol style="list-style-type: none"> (i) comprise an impermeable barrier (e.g. concrete); (ii) be sloped to facilitate drainage of washdown water to a grease trap bucket; 	"Abattoir", as shown in Schedule 1: Map of infrastructure
3	Grease trap	<ol style="list-style-type: none"> (a) Must be located downstream from the grease trap bucket from the lairage, kill and boning room floors; (b) Must be connected to the solids separator; (c) Must comprise an impermeable tank (e.g. 	As per description

	Infrastructure and equipment	Description and design requirements	Infrastructure location ¹
		concrete) with at least 4.5 kL volumetric capacity;	
4	Solids separator	(a) Must comprise a stainless steel static screen capable of separating solids ≥ 1 mm; (b) Must be connected to the first wastewater treatment tank;	As per description
5	Wastewater treatment tanks	(a) Must comprise at least 3 x 2.5 kL poly tanks, in sequence;	"Wastewater tanks", as shown in Schedule 1: Map of infrastructure
6	Offal waste bins	(a) Must comprise enclosed, impermeable storage bins; (b) Must be located within a bunded hardstand area.	As per description

Improvement works – infrastructure requirements

2. The licence holder must, by **30 April 2025**, construct the infrastructure listed in Table 2 in accordance with the corresponding design and construction requirements as set out in that table.

Table 2: Improvement works – infrastructure design and construction requirements

	Infrastructure	Design and construction requirements	Infrastructure location
1	Wastewater treatment tanks	(a) Must install at least 4 x 50 kL poly tanks, of which 2 are fitted with aerators; (b) Must install a flow meter on the offtake pipeline of the irrigation pump from the final wastewater tank; (c) Flow meter must comply with AS 4747;	"WTT1", "WTT2", "WTT3", as shown in Schedule 1: Map of wastewater infrastructure
2	Irrigation infrastructure	(a) Must install at least 4 x compact sprinklers within the designated irrigation area; (b) Each sprinkler must have at least 120 L/min flow rate and 45 m diameter spray area;	"Irrigation area", as shown in Schedule 1: Map of infrastructure
3	Lairage yard	(a) Must upgrade the existing unsealed section to an impermeable barrier (e.g. concrete) with sufficient bunding that prevents runoff of effluent to the environment and ingress of overland flow; (b) Floor area must be sloped to facilitate drainage to a settlement tank.	"Lairage", as shown in Schedule 1: Map of infrastructure

Improvement works – compliance reporting

3. The licence holder must, within 30 days of the completion of infrastructure specified in condition 2:
 - (a) undertake an audit of their compliance with the requirements of condition 2; and
 - (b) prepare and submit to the CEO a report on that compliance.
4. The report required by condition 3, must include as a minimum:
 - (a) certification whether the infrastructure has been constructed in accordance with the relevant requirements specified in condition 2;
 - (b) as constructed plans for the infrastructure specified in condition 2; and

- (c) be signed by a person authorised to represent the licence holder and contains the printed name and position of that person.

Operational requirements

5. The licence holder must ensure the site infrastructure listed in Table 3 is operated in accordance with the requirements set out in that table.

Table 3: Infrastructure operational requirements

	Site infrastructure	Operational requirement
1	Lairage yard	<p>(a) Animals awaiting slaughter must not be held outside of the designated lairage yard on the premises;</p> <p>(b) Manure must be scraped up and collected at the end of each day that animals have been held within those pens (pens must not be washed down using water until the yard has been upgraded in accordance with condition 2);</p> <p>(c) Collected manure must be removed directly, and temporarily stockpiled, on a hardstand pad;</p> <p>(d) All runoff and wash down water from the yard floor must be contained and directed to the new WTS, when constructed;</p>
2	Pet meat kill floor and boning room	<p>(a) Kill floor and boning room must be washed down at least once per day, including at the end of each operational day;</p> <p>(b) Prior to wash down, gross solids such as skins, fats, offcuts, gut and offal, must be immediately removed from the kill floor and transferred to the offal waste bin(s);</p> <p>(c) All wash down water must be directed, via the grease trap and solids separator, to the first wastewater treatment tank;</p> <p>(d) All blood from bled animals must be collected in a blood bucket and transferred to the offal waste bins;</p> <p>(e) Blood must not be allowed to discharge to the grease trap or wastewater treatment system;</p>
3	Grease trap	<p>(a) Must be emptied and cleaned of gross solids at the end of each operational day;</p> <p>(b) Gross solids must be collected and immediately transferred to the offal waste bins;</p>
4	Solids separator	<p>(a) Must be maintained to ensure gross solids \geq 1mm are screened out, prior to entering the wastewater treatment system;</p> <p>(b) Gross solids that have been screened must be collected and immediately transferred to the offal waste bins;</p>
5	Wastewater treatment tanks	<p>(a) Tanks must remain enclosed with sealed pipework;</p> <p>(b) Aerators must be maintained to operate continuously;</p> <p>(c) Flow meter must be maintained on the final holding tank.</p>

Inspection of infrastructure

6. The licence holder must undertake inspections of the scope and type and at the corresponding frequency specified in Table 4.
7. Where any inspection required by condition 6 identifies an appropriate level of environmental protection is not being maintained, the works approval holder must:
- take corrective action to mitigate adverse environmental consequences as soon as practicable; and
 - maintain a written log of all corrective action(s) undertaken, signed off by the person who completed the corrective action(s).

Table 4: Inspection of infrastructure requirements

Scope of inspection	Type of inspection	Frequency of inspection
Abattoir drainage system, wastewater treatment tanks, offal waste bins	Visual integrity (including signs of spills, leaks), blockages, water levels, odour issues	Daily (whilst operating)

Holding of animals outside of lairage

8. The licence holder must not hold animals awaiting slaughter on the premises outside of the designated lairage yard, unless for emergency or short-term overflow not exceeding 6 consecutive hours.

Emissions**Disposal of abattoir wastes**

9. The licence holder must ensure offal waste bins are removed off-site to a licensed rendering facility or a licensed solid waste facility within 48 hours of being filled to capacity.
10. The licence holder must keep accurate records of each bin removed from the premises in accordance with condition 9, including:
- the type and amount of solid waste for each load removed from the premises;
 - controlled waste tracking receipts for all wastes not meeting the definition of a solid; and
 - the details of who accepted each load and the receiving premises.

Disposal of manure

11. The licence holder must ensure stockpiled manure from the lairage is removed off-site to a licensed composting or organics recycling facility or a licensed solid waste facility.
12. The licence holder must keep accurate records of each load of manure removed from the premises in accordance with condition 11, including:
- the amount of manure within each load removed from the premises; and
 - the details of who accepted each load and the receiving premises.

Disposal of wastewater

13. The licence holder must dispose of treated wastewater in accordance with the requirements in Table 5.

Table 5: Authorised disposal of treated wastewater

Reference point	Requirements
"Irrigation area", as shown in Schedule 1: Premises map	Irrigation of treated wastewater: <ol style="list-style-type: none"> at a rate of not more than 60 kL/month; with pH in the range of 6.5 – 8.5; with EC of not more than 2,700 μS/cm; with BOD loading of not more than 1,500 kg/month; with total nitrogen loading of not more than 200 kg/ha/yr; with total phosphorus loading of not more than 24 kg/ha/yr; and in accordance with conditions 14, 15 and 21

14. The licence holder must ensure that when irrigating effluent to land in accordance with condition 13:
- it is only irrigated over the designated irrigation area;
 - it is irrigated with even distribution over the designated irrigation area;
 - it is irrigated in a manner that does not produce surface runoff beyond the designated irrigation area;
 - it is only irrigated under the following conditions:

- (i) within 28 days of sowing or during periods of active plant growth;
 - (ii) at a rate where the soil water storage capacity is not exceeded;
 - (iii) not when rain or heavy cloud is expected within the following 24 hours; and
 - (iv) not when an inversion layer is present;
 - (v) not during the months of June to September, inclusive;
- (e) the irrigation area is harvested at least once every 12 months.
15. The licence holder must keep accurate records of the date, time, and volumes of wastewater irrigated in accordance with conditions 13 and 14.

Monitoring

General monitoring

16. The licence holder must ensure that:
- (a) all water samples are collected and preserved in accordance with AS/NZS 5667.1;
 - (b) all wastewater sampling is conducted in accordance with AS/NZS 5667.10;
 - (c) all wastewater samples are submitted to and tested by a laboratory with current NATA accreditation for the parameters being measured, unless otherwise specified;
 - (d) all soil samples are collected in accordance with DPIRD guidelines for soil sampling; and
 - (e) all soil samples are submitted to and tested by a laboratory with current ASPAC certification (or equivalent).
17. The licence holder must ensure quarterly monitoring is undertaken at least 45 days apart.
18. The licence holder must ensure all monitoring equipment used on the premises to comply with conditions of this licence is calibrated in accordance with the manufacturer's specifications.
19. The licence holder must, where the requirements for calibration cannot be practicably met, or a discrepancy exists in the interpretation of the requirements, bring these issues to the attention of the CEO accompanied with a report comprising details of any modifications to the methods.

Wastewater monitoring

20. The licence holder must conduct wastewater testing in accordance with Table 6.

Table 6: Wastewater testing requirements

Monitoring point location	Parameter	Units	Averaging period	Frequency
M1 – final tank outlet to outgoing irrigation pipe	pH	No unit	Spot sample	Quarterly
	Electrical conductivity	µS/cm		
	Total nitrogen	mg/L		
	Total phosphorus			
	Biological oxygen demand (BOD)			
	Total dissolved solids			
	Total alkalinity			

Soil monitoring

21. The licence holder must conduct soil testing in accordance with Table 7.

Table 7: Soil testing requirements

Soil sampling locations	Soil profile	Parameter	Units	Frequency
At least one sample made up of at least 5	0 – 10 cm, 10 – 20 cm, 20 – 30 cm	pH	CaCl ₂	Annually, prior to the first
		Electrical conductivity	mS/cm	
		Moisture content	%	

Soil sampling locations	Soil profile	Parameter	Units	Frequency
individual cores across the designated irrigation area		Total nitrogen, ammonium-nitrogen, nitrate-nitrogen	mg/kg	application of treated wastewater
		Total phosphorus		
		Phosphorus retention index (PRI)	-	
		Phosphorus buffering index (PBI)	-	
		Aluminium	CaCl ₂ extract	

22. The licence holder must monitor and record inputs and outputs in accordance with Table 8, where applicable.

Table 8: Monitoring and recording of inputs and outputs

Input / Output	Parameter	Units	Frequency
Animals received at the premises, by type	Animals	Number	Aggregated total monthly summary
Animals slaughtered at the premises, by type			
Yield harvested, dry matter yield	Harvested crop	t/ha	Each crop harvested from the irrigation area
N & P removal rate		kg/ha	

Complaints management

23. The licence holder must investigate any complaints it receives (whether received directly from a complainant or forwarded to them by the department or another party) about any alleged emissions from the premises.
24. Following receipt of a complaint directly from a complainant about any alleged emissions from the premises, the licence holder must:
- respond to the complainant within 72 hours of receipt of the complaint; and
 - within 10 calendar days of receipt of the complaint, provide a summary of the outcomes of any investigation(s) conducted in response to the complaint, including any corrective and preventative action(s) taken in response to the complaint, unless such communication is not requested by the complainant.

Records and reporting

Record-keeping

25. The licence holder must record the following information in relation to complaints it receives (whether directly from a complainant or forwarded to them by the department or another party) about any alleged emissions from the premises:
- the name and contact details of the complainant (if provided);
 - the time and date of the complaint;
 - the complete details of the complaint and any other concerns or other issues raised;
 - the complete details of any activities being undertaken, where, and the weather and wind conditions at the time of the complaint;
 - the complete details and dates of any investigation(s) conducted in response to the complaint;
 - a summary of the findings of any investigation(s) conducted in response to the complaint, including details of the person(s) responsible for the investigation(s);
 - a summary of any corrective and preventative action(s) taken in response to the complaint;
 - a summary of the time taken to respond to the complaint; and
 - a summary of all communications with the complainant.

- 26.** 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;
 - (c) records of wastewater irrigation required by condition 15;
 - (d) results of soil monitoring required by condition 21;
 - (e) records of inputs and outputs in accordance with condition 22; and
 - (f) records of complaints required by condition 25.
- 27.** The books specified under condition 26 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.

Annual reporting requirements

- 28.** 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 1 March in each year, an Annual Audit Compliance Report in the approved form.
- 29.** The licence holder must submit to the CEO, by 1 March in each year, an environmental report containing the information listed in Table 9 for the preceding annual period.

Table 9: Annual environmental report

Condition or table	Parameter
-	Summary of any environmental incidents that have occurred during the annual period and any action taken
Condition 10	Records of waste removal
Condition 12	Records of manure removal
Condition 15	Records of wastewater disposal
Table 7	Results of soil monitoring
Table 8	Records of inputs and outputs
Condition 25	Complaints summary
Condition 28	Compliance

Definitions

In this licence, the terms in Table 10 have the meanings defined.

Table 10: Definitions

Term	Definition
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 in that same year
AS 4747.8	means the Australian Standard 4747.8 Meters for non-urban water supply – Part 8: In-service compliance for non-urban water meters
AS/NZS 5667.1	means the Australian Standard AS/NZS 5667.1 Water quality – sampling – guidance on the design of sampling programs, sampling techniques and the preservation and handling of samples
AS/NZS 5667.10	means the Australian Standard AS/NZS 5667.11 Water quality – sampling – guidance on sampling of waste waters
ASPAC	Australian Soil and Plant Analysis Council
ASPAC certification	means in relation to the analysis of a sample that the laboratory is certified by ASPAC for the specified analysis at the time of the analysis
averaging period	means the time over which a limit or target is measured or a monitoring result is obtained
books	has the same meaning given to that term under the EP Act
CEO	means Chief Executive Officer. CEO for the purposes of notification means: Director General Department administering the <i>Environmental Protection Act 1986</i> Locked Bag 10 Joondalup DC WA 6919 info@dwer.wa.gov.au
condition	means a condition to which this licence is subject under s.62 of the EP Act
Department	means the department established under section 35 of the <i>Public Sector Management Act 1994</i> and designated as responsible for the administration of Part V, Division 3 of the EP Act
DPIRD guidelines for soil sampling	means the document entitled “ <i>A guide for fit for purpose soil sampling</i> ” (Fertilizer Australia 2019), available at https://fertilizer.org.au
Environmental Compliance Report	means a report to satisfy the CEO that the conditioned infrastructure and/or equipment has been constructed and/or installed in accordance with the works approval
EP Act	means the <i>Environmental Protection Act 1986</i> (WA)
harvested	means the process of cutting and gathering a ripened crop by mechanical means, such as a baling machine
HSCW	hot standard carcase weight, being the weight of an animal used for over the hook trading
licence	means 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 to whom this licence has been granted, as specified at the front of this licence
licensed controlled	means a person licensed as a carrier under the Environmental Protection (Controlled Waste) Regulations 2004 to transport animal effluent and

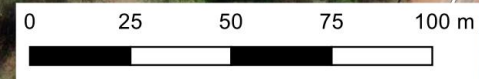
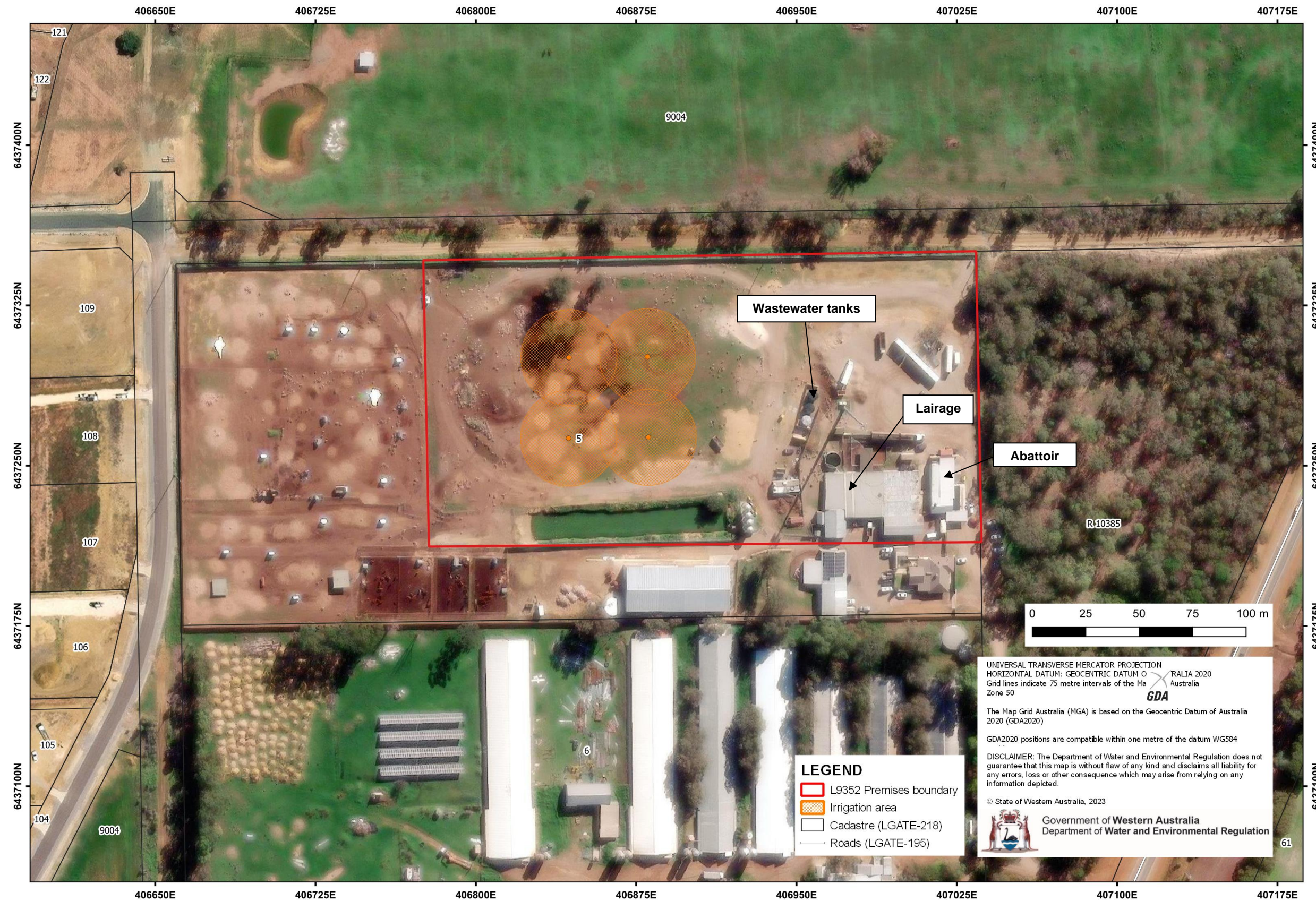
Term	Definition
waste carrier	residues (K100)
licensed composting or organics recycling facility	means a premises that holds a current and valid licence granted by the CEO under section 57 of the EP Act for a compost manufacturing and soil blending facility (category 67A)
licensed rendering facility	means a premises that holds a current and valid licence granted by the CEO under section 57 of the EP Act for a rendering facility (category 16)
licensed solid waste facility	means a premises that holds a current and valid licence granted by the CEO under section 57 of the EP Act for a solid waste facility (category 61A)
NATA	National Association of Testing Authorities, Australia
NATA accreditation	means in relation to the analysis of a sample that the laboratory is NATA accredited for the specified analysis at the time of the analysis
Phosphorus retention index (PRI)	means the ratio of phosphorus adsorbed by soil (micrograms per gram) compared to that remaining in a solution (of initial concentration of 10 mg phosphorus per litre) after 16 hours
premises	refers to the premises to which this licence applies, as specified at the front of this licence and as shown on the map in Schedule 1 to this licence
prescribed premises	has the same meaning given to that term under the EP Act
quarterly	means the 4 inclusive periods from 1 January – 31 March, 1 April – 30 June, 1 July – 30 September, and 1 October – 31 December in the same year
soil water holding capacity	means the maximum amount of water the soil can hold and wilting point where the plant can no longer extract water from the soil
spot sample	means a discrete sample representative at the time and place at which the sample is taken

END OF CONDITIONS

Schedule 1: Maps

Premises map

The boundary of the prescribed premises is shown in the map below (red line), in addition to the location of the abattoir building and irrigation area.



UNIVERSAL TRANSVERSE MERCATOR PROJECTION
 HORIZONTAL DATUM: GEOCENTRIC DATUM OF AUSTRALIA 2020 (GDA2020)
 Grid lines indicate 75 metre intervals of the Map Grid Australia (MGA) Zone 50
GDA
 The Map Grid Australia (MGA) is based on the Geocentric Datum of Australia 2020 (GDA2020)
 GDA2020 positions are compatible within one metre of the datum WG584
 DISCLAIMER: The Department of Water and Environmental Regulation does not guarantee that this map is without flaw of any kind and disclaims all liability for any errors, loss or other consequence which may arise from relying on any information depicted.
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 Department of Water and Environmental Regulation

LEGEND
 [Red line] L9352 Premises boundary
 [Orange hatched] Irrigation area
 [White box] Cadastre (LGATE-218)
 [Grey line] Roads (LGATE-195)

Schedule 1: Maps

Map of infrastructure

The location of proposed upgraded wastewater treatment infrastructure is shown in the map below.

