



<b>Licence number</b>	L5423/1990/15
<b>Licence holder</b>	Parklands WA Pty Ltd
<b>ACN</b>	659 998 946
<b>Registered business address</b>	Level 1, 143 Hay Street, Subiaco, WA 6008
<b>DWER file number</b>	DER2014/001648-1-3
<b>Duration</b>	24/9/2015 to 30/9/2025
<b>Date of transfer</b>	7 December 2022
<b>Premises details</b>	Goodchild Abattoir 189 Rosamel Road PARKFIELD WA 6233  Legal description - Lot 300 on Plan 37367 As defined by the Premises maps in Schedule 1

<b>Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)</b>	<b>Approved production capacity</b>
Category 15: Abattoir: premises on which animals are slaughtered	30 000 tonnes per annual period (liveweight)
Category 55: Livestock saleyard or holding pen: premises on which live animals are held pending their sale, shipment or slaughter	290,000 animals per annual period

This licence is transferred to the licence holder, subject to the attached conditions, on 7 December 2022, by:

**MANAGER PROCESS INDUSTRIES  
REGULATORY SERVICES**

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



## Licence history since 2014

Date	Reference number	Summary of changes
15/05/2014	W5595/2014/1	Works approval to upgrade the wastewater treatment system
24/09/2015	L5423/1990/15	Licence re-issue and update to current template. On 20/08/2018 Goodchild Abattoirs Pty Ltd was placed into voluntary administration and operations ceased at the premises. The abattoir was placed into care and maintenance by the liquidators (PricewaterhouseCooper) until sale of the site is completed.
24/05/2022	L5423/1990/15	Department initiated amendment to reduce monitoring requirements during care and maintenance.
07/12/2022	L5423/1990/15	Licence Transferred to Parklands WA Pty Ltd

### Premises description and Licence summary

Goodchild Abattoirs Pty Ltd (Goodchild) operates a domestic sheep and cattle abattoir at Lot 300, Rosamel Road, Parkfield approximately 15 km northeast of Bunbury in the Shire of Harvey. The abattoir has been in operation at the current site since 1977 and currently operates four days per week. The facility was able to process up to 290 000 animals per year. The premises is situated within the Kemerton Industrial Zone Buffer Area of the Kemerton Industrial Park, a strategic industrial area for heavy industry.

A residential subdivision has been established southwest of the abattoir with the closest residence located 600m from the facility's aerobic wastewater treatment pond. Other sensitive receptors in the surrounding area include Rosamel Wetland, an Environmental Protection Policy (EPP) Wetland 200m west of the premises boundary, a conservation category wetland on the eastern boundary of the premises, and the Leschenault Estuary (conservation category wetland) 1km west of the premises boundary. Surrounding land users include a piggery east of the abattoir and Department of Parks and Wildlife managed land.

The premises covers an area of approximately 25h; 9ha of native vegetation and 16ha of abattoir infrastructure and cleared land. Site infrastructure comprises a slaughterhouse, open and covered livestock holding yards, stock holding paddocks, internal roads, administration buildings, aerobic and facultative wastewater treatment ponds, a reverse osmosis wastewater treatment plant and treated water storage tanks. Abattoir operations comprise receipt and holding of live animals, slaughter of live animals, collection and removal of solid wastes including offal, carcasses, blood, screening waste and paunch material to appropriately licensed offsite disposal facilities, treatment of wastewater and contaminated stormwater, and reuse or offsite disposal of treated wastewater.

All wastewater and contaminated stormwater from the abattoir and livestock holding yards is directed into the site wastewater treatment system (WWTS). The WWTS has been recently upgraded via works approval W5595/2014/1 to include a tertiary treatment stage to improve the quality of treated water. The WWTS comprises a primary and secondary screening system, a HDPE lined aerobic wastewater treatment pond, six clay lined facultative ponds and a reverse osmosis treatment plant. Treated water is transferred to storage tanks for reuse on site as wash down water for the holding yards. Wastewater may also be collected from the final facultative pond for offsite disposal to a licensed facility due to shut down or malfunction of the WWTS. As a result of the WWTS



upgrade, Goodchild has been able to decommission the unlined anaerobic pond which was previously the first stage in the wastewater treatment process. A hydrogeological assessment of the site in 2011 identified a plume of elevated nutrient concentration which is attributed to seepage from the unlined anaerobic pond and the previously clay lined aerobic pond.

Key issues associated with operation of the facility include odour emissions, solid waste management and wastewater management. There are numerous odour sources within the abattoir although historically the WWTS has been the primary odour source. Decommissioning of the anaerobic pond has removed the primary odour contributor; however correct management of the WWTS and other odour generating activities, when operating, is essential to minimise odour emissions as the premises is located within the recommended separation distance for sensitive land uses.

### 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 Licensee 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 Licensee shall immediately recover or remove and dispose of spills of environmentally hazardous materials outside an engineered containment system.
- 1.1.3 The Licensee shall:
- (a) implement all practical measures to prevent stormwater run-off becoming contaminated by the activities on the Premises; and
  - (b) treat contaminated or potentially contaminated stormwater as necessary prior to being discharged from the Premises.<sup>1</sup>

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 Licensee shall ensure that all wastewaters from the abattoir and livestock holding yards including wash down water, by-products wastewater and contaminated run-off are directed to a wastewater treatment system via a solids trap.
- 1.2.2 The Licensee shall not allow access of stock, or contaminated or treated wastewater within twenty (20) meters of the eastern boundary of the premises where it abuts Lot 20 on Diagram 33500.
- 1.2.3 The Licensee must ensure that material specified in Table 1.3.1 is only stored and/or treated within vessels or compounds provided with the infrastructure detailed in Table 1.3.1.

**Table 1.3.1: Containment infrastructure**

Containment point reference and location on Map of storage and monitoring locations	Material	Infrastructure requirements
Aerobic pond (F1)	Raw wastewater and reject water from the wastewater treatment plant	1.5mm HDPE lined to achieve a permeability of $<1 \times 10^{-9}$ m/s.
Facultative ponds (F2-F7)	Partially treated wastewater	Clay lined
Wastewater storage tanks	Tertiary treated wastewater for reuse	2x 32 000 kL enclosed, impermeable storage tanks
Wastewater treatment plant	Partially treated wastewater received from the facultative ponds	Plant and associated treatment tanks located within a concrete hardstand area
Solid waste storage area	Animal waste, abattoir waste (e.g. offal, carcasses)	A concrete bunded hardstand area capable of preventing



	and paunch), screening solids and sludges, and sludges and solids from the WWTS	surface run-off of leachate and with a drainage system that can return leachate to the WWTS OR An impermeable collection vehicle
Blood containment tank	Animal blood	Enclosed, impermeable, elevated storage tank over a concrete bunded hardstand area capable of preventing surface run-off of blood

1.2.4 The Licensee shall manage all wastewater treatment ponds such that:

- (c) overtopping of the ponds does not occur;
- (d) a minimum top of embankment freeboard of 300mm is maintained;
- (e) the integrity of the containment infrastructure is maintained;
- (f) trapped overflows are maintained on the outlet of ponds to prevent carry-over of surface floating matter;
- (g) vegetation and floating debris (emergent or otherwise) is prevented from encroaching onto pond surfaces or inner pond embankments; and
- (h) stormwater runoff is prevented from entering the wastewater treatment ponds.

## 2 Monitoring

### 2.1 General monitoring

2.1.1 The licensee shall ensure that:

- (i) all water samples are collected and preserved in accordance with AS/NZS 5667.1;
- (j) all wastewater sampling is conducted in accordance with AS/NZS 5667.10;
- (k) all groundwater sampling is conducted in accordance with AS/NZS 5667.11; and
- (l) 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.

2.1.2 The Licensee shall ensure that:

- (a) monthly monitoring is undertaken at least 15 days apart; and
- (b) quarterly monitoring is undertaken at least 45 days apart.

2.1.3 The Licensee 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.

2.1.4 The Licensee shall, 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.

### 2.2 Monitoring of inputs and outputs

2.2.1 The Licensee shall undertake the monitoring in Table 2.2.1 according to the specifications in that table.



**Table 2.2.1: Monitoring of inputs and outputs**

Input/Output	Parameter	Units	Averaging period	Frequency
Animals	Animals processed	Number	Monthly	Each load of animals arriving at the Premises for the purpose of slaughter

## 2.3 Process monitoring

2.3.1 The Licensee shall undertake the monitoring in Table 2.3.1 according to the specifications in that table.

**Table 2.3.1: Process monitoring**

Monitoring point reference and location on Map of storage and monitoring locations	Process description	Parameter	Units	Frequency	Averaging period
PM1	Abattoir wastewater discharged to aerobic pond F1	Volumetric flow rate	m <sup>3</sup> /day	Continuous	Monthly
PM2	Wastewater discharged from the wastewater treatment plant for reuse or disposal	Volumetric flow rate	m <sup>3</sup> /day	Continuous	Monthly
		pH	-	Monthly	Spot sample
		Total dissolved solids, total suspended solids, 5-day biochemical oxygen demand, total nitrogen, total kjeldahl nitrogen, nitrite and nitrate nitrogen, ammonium-nitrogen and total phosphorus	mg/L		

## 2.4 Ambient environmental quality monitoring

2.4.1 The Licensee shall undertake the monitoring in Table 2.4.1 according to the specifications in that table and record and investigate results that do not meet any limit specified.

**Table 2.4.1: Monitoring of ambient groundwater quality**

Monitoring point reference and location on Map of storage and monitoring locations	Parameter	Units	Averaging period	Frequency
GQ1 – GQ7	Standing water level	m(AHD)	Spot sample	Quarterly <sup>1</sup>
	pH	-		



	Total dissolved solids, total suspended solids, total nitrogen, total kjeldahl nitrogen, nitrite and nitrate nitrogen, ammonium-nitrogen and total phosphorus	mg/L		
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Note 1: The Licensee is only required to undertake the monitoring specified in Table 2.4.1 on an annual basis (one sample per year) when the premises are under care and maintenance.

### 3 Improvements

#### 3.1 Improvement program

3.1.1 The Licensee shall complete the improvements in Table 3.1.1 by the date of completion in Table 3.1.1.

Table 3.1.1: Improvement program		
Improvement reference	Improvement	Date of completion
IR1	The Licensee shall submit a Closure Report following completion of the decommissioning of the anaerobic pond. The report shall include details of the volume of waste removed from the pond, the disposal location for waste removed from the pond, and the rehabilitation methods used to decommission the facility.	31 March 2016

### 4 Information

#### 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 Licensee 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 Licensee shall complete an Annual Audit Compliance Report indicating the extent to which the Licensee 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 Licensee 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.

## 4.2 Reporting

- 4.2.1 The Licensee shall submit to the CEO an Annual Environmental Report within 60 calendar days after the end of the annual period. The report shall contain the information listed in Table 4.2.1 in the format or form specified in that table.

Table 4.2.1: Annual Environmental Report		
Condition or table (if relevant)	Parameter	Format or form
-	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	None specified
Table 2.2.1	Animals processed	None specified
Table 2.3.1	Volumetric flow rate (entering and exiting the WWTS), pH, total dissolved solids, total suspended solids, 5-day biochemical oxygen demand, total nitrogen, total kjeldahl nitrogen, nitrite and nitrate nitrogen, ammonium-nitrogen and total phosphorus	None specified
Table 2.4.1	Standing water level, pH, total dissolved solids, total suspended solids, total nitrogen, total kjeldahl nitrogen, nitrite and nitrate nitrogen, ammonium-nitrogen and total phosphorus	None specified
4.1.3	Compliance	Annual Audit Compliance Report (AACR). This form can be found on DWER's website: <a href="https://www.der.wa.gov.au/our-work/licences-and-works-approvals/publications">https://www.der.wa.gov.au/our-work/licences-and-works-approvals/publications</a>
4.1.4	Complaints summary	None specified

- 4.2.2 The Licensee shall ensure that the Annual Environmental Report also contains an assessment of the information contained within the report against previous monitoring results and Licence limits.
- 4.2.3 The Licensee shall submit the information in Table 4.2.2 to the CEO according to the specifications in that table.

Table 4.2.2: Non-annual reporting requirements				
Condition or table (if relevant)	Parameter	Reporting period	Reporting date (after end of the reporting period)	Format or form
-	Copies of original monitoring reports submitted to the Licensee by third parties	Not Applicable	Within 14 days of the CEOs request	As received by the Licensee from third parties





### 4.3 Notification

4.3.1 The Licensee 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 requirement <sup>1</sup>	Format or form
2.1.4	Calibration report	As soon as practicable.	None specified
-	Taking a wastewater treatment pond offline for maintenance works and/or removal of sludge from a wastewater treatment pond.	No less than 14 days in advance of works <sup>2</sup>	None specified
-	Recommencement of operations (being the acceptance of animals for the purpose of slaughter) following the abattoir being placed under care and maintenance.	No less than 60 days in advance of operations re-commencing	None specified

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

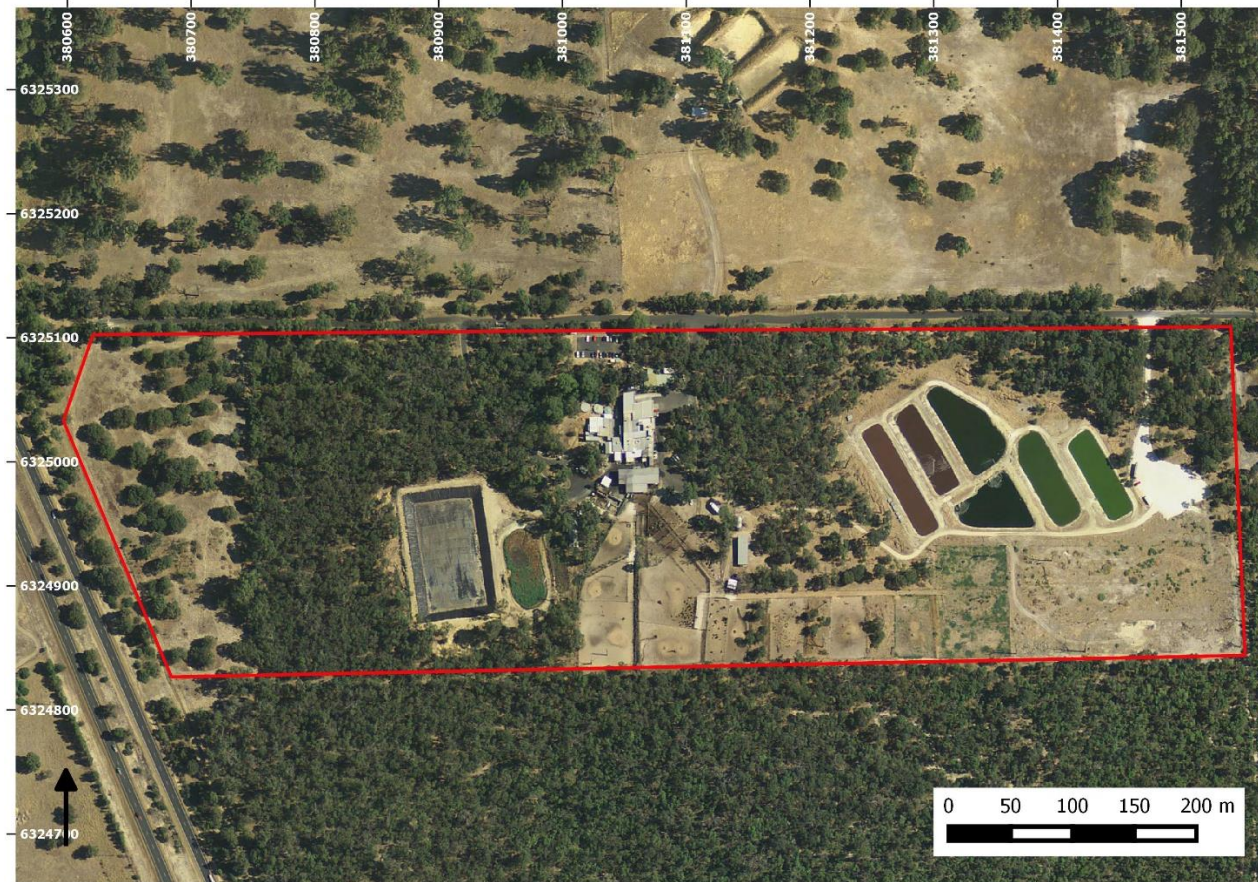
Note 2: The following information shall be included: (i) when desludging is proposed to occur, (ii) the desludging method, (iii) action to mitigate potential odour impacts, and (iv) the method by which the community will be advised of the desludging activities.



## Schedule 1: Maps

### Premises map

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

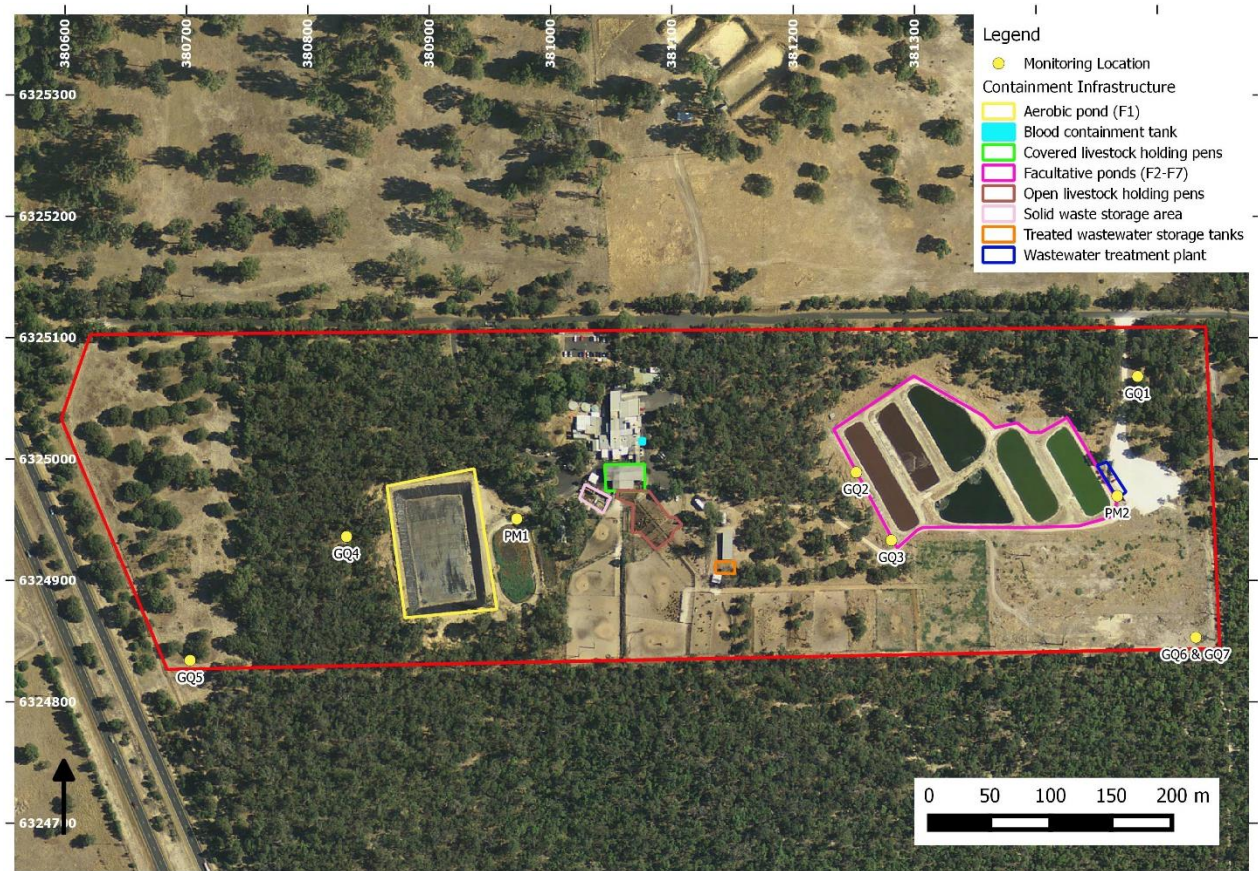






### Map of storage and monitoring locations

The locations of the containment infrastructure defined in Table 1.3.1 and monitoring points defined in Tables 2.3.1 and 2.4.1 are shown below.





## 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 template is 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 <sup>5</sup>	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: <a href="mailto:info@dwer.wa.gov.au">info@dwer.wa.gov.au</a>
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.