



Licence

Environmental Protection Act 1986, Part V

Licensee: Westpork Pty Ltd

Licence: L4409/1988/8

Registered office: Westpork Pty Ltd
 Unit 1/7 Foundry Street
 MAYLANDS WA 6051

ACN: 009 148 789

Premises address: Westpork Gingin Breeder Farm
 Lot 8 on Diagram 68836 Boonanarring Road
 BOONANARRING WA 6503
 Being Lot 8 on Diagram 68836 as depicted in Schedule 1

Issue date: Thursday, 1 October 2015

Amendment date: Wednesday, 24 July 2024

Expiry date: Thursday, 4 October 2029

Prescribed premises category
 Schedule 1 of the *Environmental Protection Regulations 1987*

Category number	Category description	Category production or design capacity	Approved Premises production or design capacity
2	Intensive Piggery: premises on which pigs are fed, watered and housed in pens.	1000 animals or more	No more than 5,500 animals

Conditions

This Licence is subject to the conditions set out in the attached pages.

.....
 Officer delegated under section 20
 of the *Environmental Protection Act 1986*



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Introduction

This Introduction is not part of the Licence conditions.

DWER's industry licensing role

The Department of Water and Environmental Regulation (DWER) is a government department for the state of Western Australia in the portfolio of the Minister for Environment. DWER's purpose is to advise on and implement strategies for a healthy environment for the benefit of all current and future Western Australians.

DWER has responsibilities under Part V of the *Environmental Protection Act 1986* (the Act) for the licensing of prescribed premises. Through this process DWER regulates to prevent, control and abate pollution and environmental harm to conserve and protect the environment. DWER also monitors and audits compliance with works approvals and licence conditions, takes enforcement action as appropriate and develops and implements licensing and industry regulation policy.

Licence requirements

This Licence is issued under Part V of the Act. Conditions contained within the Licence relate to the prevention, reduction or control of emissions and discharges to the environment and to the monitoring and reporting of them.

Where other statutory instruments impose obligations on the Premises/Licensee the intention is not to replicate them in the licence conditions. You should therefore ensure that you are aware of all your statutory obligations under the Act and any other statutory instrument. Legislation can be accessed through the State Law Publisher website using the following link:

<http://www.slp.wa.gov.au/legislation/statutes.nsf/default.html>

For your Premises relevant statutory instruments include but are not limited to obligations under the:

- Environmental Protection (Unauthorised Discharges) Regulations 2004 – these Regulations make it an offence to discharge certain materials such as contaminated stormwater into the environment other than in the circumstances set out in the Regulations.
- Environmental Protection (Controlled Waste) Regulations 2004 - these Regulations place obligations on you if you produce, accept, transport or dispose of controlled waste.
- Environmental Protection (Noise) Regulations 1997 – these Regulations require noise emissions from the Premises to comply with the assigned noise levels set out in the Regulations.

You must comply with your licence. Non-compliance with your licence is an offence and strict penalties exist for those who do not comply.

Licence holders are also reminded of the requirements of section 53 of the Act which places restrictions on making certain changes to prescribed premises unless the changes are in accordance with a works approval, licence, closure notice or environmental protection notice.

Licence fees

If you have a licence that is issued for more than one year, you are required to pay an annual licence fee prior to the anniversary date of issue of your licence. Non payment of annual licence fees will result in your licence ceasing to have effect meaning that it will no longer be valid and you will need to apply for a new licence for your Premises.



Ministerial conditions

If your Premises has been assessed under Part IV of the Act you may have had conditions imposed by the Minister for Environment. You are required to comply with any conditions imposed by the Minister.

Premises description and Licence summary

Westpork Gingin Breeder Farm is located on Lot 8 in Boonanarring, which is approximately 70km north east of Perth. The piggery has been operating since 1987 and licensed with Westpork since 1988. The Boonanarring Reserve is a crown reserve (#539) located 1.3km north east of the property boundary on Lot 11350 and owned by the Department for Planning and Infrastructure. The closest receptor is a farm residence, located at 570m south of the premise boundary and approximately 1km south of the anaerobic wastewater treatment ponds. The next closest is resident is 1.4km to the north of the property.

The piggery currently houses an average of 5,130 animals at any one time, based on the number of sows. Operations include the breeding of pigs up to 3 weeks of age, at which time they are transferred off site to Westpork's grower operations (Westpork Mindarra Farm Licence L5724/1993/11). There are 16 sheds used for the intensive rearing of pigs. Wastewater from the sheds is directed to a sealed concrete channel prior to treatment in one of two anaerobic ponds. One pond is clay lined and the other anaerobic pond is HDPE lined. The wastewater is then transferred to a facultative pond and final storage is an evaporative pond, both of which are clay lined.

This Licence is the result of a department-initiated amendment to extend the duration, to allow sufficient time for a detailed review to be undertaken.

Instrument log		
Instrument	Issued	Description
L4409/1988/1	06/10/2000	New application
L4409/1988/2	06/10/2001	Licence re-issue
W3566/1988/1	06/03/2002	Works approval
L4409/1988/3	06/10/2002	Licence re-issue
L4409/1988/4	13/10/2003	Licence re-issue
L4409/1988/5	06/10/2004	Licence re-issue
L4409/1988/6	06/10/2005	Licence re-issue
L4409/1988/7	05/10/2010	Licence re-issue
L4409/1988/7	31/05/2013	Licence amendment – conversion to REFIRE format
W5854/2015/1	18/09/2015	Works Approval to construct a sludge drying bed
L4490/1988/8	01/10/2015	Licence reissue
L4490/1988/8	29/04/2016	Amendment by notice to extend the licence duration to 2024
L4490/1988/8	24/07/2024	CEO-initiated amendment to extend the licence duration, to allow sufficient time for a detailed review to be undertaken

Severance

It is the intent of these Licence conditions that they shall operate so that, if a condition or a part of a condition is beyond the power of this Licence to impose, or is otherwise *ultra vires* or invalid, that condition or part of a condition shall be severed and the remainder of these conditions shall nevertheless be valid to the extent that they are within the power of this Licence to impose and are not otherwise *ultra vires* or invalid.

END OF INTRODUCTION



Licence conditions

1 General

1.1 Interpretation

1.1.1 In the Licence, definitions from the *Environmental Protection Act 1986* apply unless the contrary intention appears.

1.1.2 For the purposes of this Licence, unless the contrary intention appears:

'Act' means the *Environmental Protection Act 1986*;

'AHD' and **'mAHD'** means the Australian height datum and metres at the Australian height datum respectively.

'Annual Audit Compliance Report' means a report submitted in a form approved by the CEO (relevant guidelines and templates may be available on the department's website);

'annual period' means the inclusive period from 1 July until 30 June in the following year;

'AS/NZS 5667.1' means the Australian Standard AS/NZS 5667.1 *Water Quality – Sampling – Guidance of the Design of sampling programs, sampling techniques and the preservation and handling of samples*;

'AS/NZS 5667.10' means the Australian Standard AS/NZS 5667.10 *Water Quality – Sampling – Guidance on sampling of waste waters*;

'AS/NZS 5667.11' means the Australian Standard AS/NZS 5667.11 *Water Quality – Sampling – Guidance on sampling of groundwaters*;

'averaging period' means the time over which a limit is measured or a monitoring result is obtained;

'carcasses' means the dead bodies of animals (pigs);

'CEO' means Chief Executive Officer of the Department of Water and Environmental Regulation;

'CEO' for the purpose of correspondence means;

Director General
Department administering the Environmental Protection Act 1986
Locked Bat 10
JOONDALUP DC WA 6919
info@dwer.wa.gov.au

'freeboard' means the distance between the maximum water surface elevations and the top of retaining banks or structures at their lowest point;

'Licence' means this Licence numbered L4409/1988/8 and issued under the Act;

'Licensee' means the person or organisation named as Licensee on page 1 of the Licence;

'mBGL' means metres below ground level;

'NATA' means the National Association of Testing Authorities, Australia;



‘NATA accredited’ 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;

‘Premises’ means the area defined in the Premises Map in Schedule 1 and listed as the Premises address on page 1 of the Licence;

‘quarterly’ means the 4 inclusive periods from 1 July to 30 September, 1 October to 31 December, 1 January to 31 March and 1 April till 30 June in the following year,;

‘Schedule 1’ means Schedule 1 of this Licence unless otherwise stated;

‘six monthly’ means the 2 inclusive periods from 1 July to 31 December and 1 January to 30 June’

‘spot sample’ means a discrete sample representative at the time and place at which the sample is taken;

- 1.1.3 Any reference to an Australian or other standard in the Licence means the relevant parts of the standard in force from time to time during the term of this Licence.
- 1.1.4 Any reference to a guideline or code of practice in the Licence means the version of that guideline or code of practice in force from time to time, and shall include any amendments or replacements to that guideline or code of practice made during the term of this Licence.
- 1.1.5 Nothing in the Licence shall be taken to authorise any emission that is not mentioned in the Licence, where the emission amounts to:
 - (a) pollution;
 - (b) unreasonable emission;
 - (c) discharge of waste in circumstances likely to cause pollution; or
 - (d) being contrary to any written law.

1.2 General conditions

- 1.2.1 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.
- 1.2.2 The Licensee shall immediately recover, or remove and dispose of spills of environmentally hazardous materials outside an engineered containment system.
- 1.2.3 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.¹

Note1: *The Environmental Protection (Unauthorised Discharges) Regulations 2004* make it an offence to discharge certain materials into the environment.

1.3 Premises operation

- 1.3.1 The Licensee shall ensure that all wastewaters from piggery operations including wash down water, by-products wastewater and contaminated run-off are directed to a wastewater treatment system.
- 1.3.2 The Licensee shall ensure that wastewater and treated wastewater is only stored and/or treated within vessels or compounds provided with the infrastructure detailed in Table 1.3.2.

Table 1.3.2: Containment infrastructure		
Storage vessel or compound	Material	Infrastructure requirements
Anaerobic pond 1	Wastewater	Clay lined



Anaerobic pond 2		HDPE lined to achieve a permeability of at least $<10^{-9}$ m/s or equivalent
Facultative pond	Wastewater	Clay lined
Evaporation pond	Treated Wastewater	
Flush Tanks	Treated Wastewater	Sealed concrete tanks

- 1.3.3 The Licensee shall manage the wastewater treatment ponds such that:
- a minimum top of embankment freeboard of 500mm is maintained;
 - storm water runoff is prevented from causing the erosion of outer pond embankments;
 - overtopping of the wastewater treatment ponds does not occur except as a result of an extreme rainfall event (greater than 1 in 20 year event of 72 hours duration);
 - vegetation and floating debris (emergent or otherwise) is prevented from encroaching onto pond surfaces or inner pond embankments;
 - trapped overflows shall be maintained between treatment ponds to prevent carry-over of surface floating matter to subsequent ponds; and
 - a water cover is maintained over the base area of all ponds to avoid shrinkage cracking.
- 1.3.4 The Licensee shall ensure that where wastes produced on the Premises are not taken off-site for lawful use or disposal, they are only subject to the on-site processes described in Table 1.3.4 and in accordance with the process requirements in that Table.

Waste type	Process	Process requirements
Treated wastewater	Evaporation	None
	Re-used for flushing of piggery	None
Carcasses	On-site burial	Waste shall be covered with at least 500mm of soil immediately upon deposit.

2 Monitoring

2.1 General monitoring

- 2.1.1 The licensee shall ensure that:
- all water samples are collected and preserved in accordance with AS/NZS 5667.1;
 - all wastewater sampling is conducted in accordance with AS/NZS 5667.10;
 - all groundwater sampling is conducted in accordance with AS/NZS 5667.11; and
 - 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:
- quarterly monitoring is undertaken at least 45 days apart; and
 - six monthly monitoring is undertaken at least 5 months apart.
- 2.1.3 The Licensee shall record production or throughput data and any other process parameters relevant to any non-continuous monitoring undertaken.
- 2.1.4 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.
- 2.1.5 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
Wastewater	Discharged to wastewater treatment system	m ³	Cumulative volume ¹	Quarterly
Treated Wastewater	Recycled for flushing or wash down	m ³	Cumulative volume	
	Removed off-site for irrigation	m ³		

Note1: The volume of wastewater discharged to the ponds may be calculated using the known volume of water used in the piggery, and the volume recycled and irrigated over each monitoring interval.

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	Parameter	Units	Averaging period	Frequency
Evaporation pond (water quality prior to removal off-site for irrigation)	pH	-	Spot sample	Six monthly (only required when treated wastewater is sent off-site for irrigation purposes)
	Total Dissolved Solids (TDS)	mg/L		
	Total Nitrogen (TN)	mg/L		
	Total Phosphorus (TP)	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.

Table 2.4.1: Monitoring of ambient groundwater quality				
Monitoring point reference	Parameter	Units	Averaging period	Frequency
Piggery production bore, MB1, MB2 & MB3	pH	-	Spot sample	Six monthly
	Total Dissolved Solids (TDS)	mg/L		
	Total Nitrogen (TN)	mg/L		
	Total Phosphorus (TP)	mg/L		
	Standing water level (SWL)	m(AHD) & mBGL		

3 Information

3.1 Records

3.1.1 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 3.1.1(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.



- 3.1.2 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.
- 3.1.3 The Licensee 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 31 August in each year, an Annual Audit Compliance Report in the approved form.
- 3.1.4 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.

3.2 Reporting

- 3.2.1 The Licensee shall submit to the CEO an Annual Environmental Report by no later than 31 August in each year. The report shall contain the information listed in Table 3.2.1 in the format or form specified in that table.

Table 3.2.1: Annual environmental report		
Condition or table	Parameter	Format or form¹
-	Summary of any failure or malfunction of any pollution control equipment or any incidents that have occurred during the year and any action taken	None specified
3.1.4	Complaints summary	None specified
Table 2.2.1	Cumulative volumes of wastewater discharged to the wastewater treatment system, treated wastewater recycled for flushing or wash down of piggery and treated wastewater removed off-site for irrigation purposes.	None specified
Table 2.3.1	Process monitoring of treated wastewater quality prior to being sent off-site for irrigation purposes: pH, TDS, TN and TP	LR1
Table 2.4.1	Ambient groundwater quality: pH, TDS, TN, TP and SWL	None specified
-	Number of animals	Tabular format. Monthly maximum including annual total

Note 1: Forms are in Schedule 2

- 3.2.2 The Licensee 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 previous monitoring results and Licence limits.

3.3 Notification

- 3.3.1 The Licensee shall ensure that the parameters listed in Table 3.3.1 are notified to the CEO in accordance with the notification requirements of the table.

Table 3.3.1: Notification requirements			
Condition or table	Parameter	Notification requirement¹	Format or form
-	The desludging of any wastewater ponds at the premises	No less than 14 days prior.	None specified



Schedule 1: Maps

Premises map

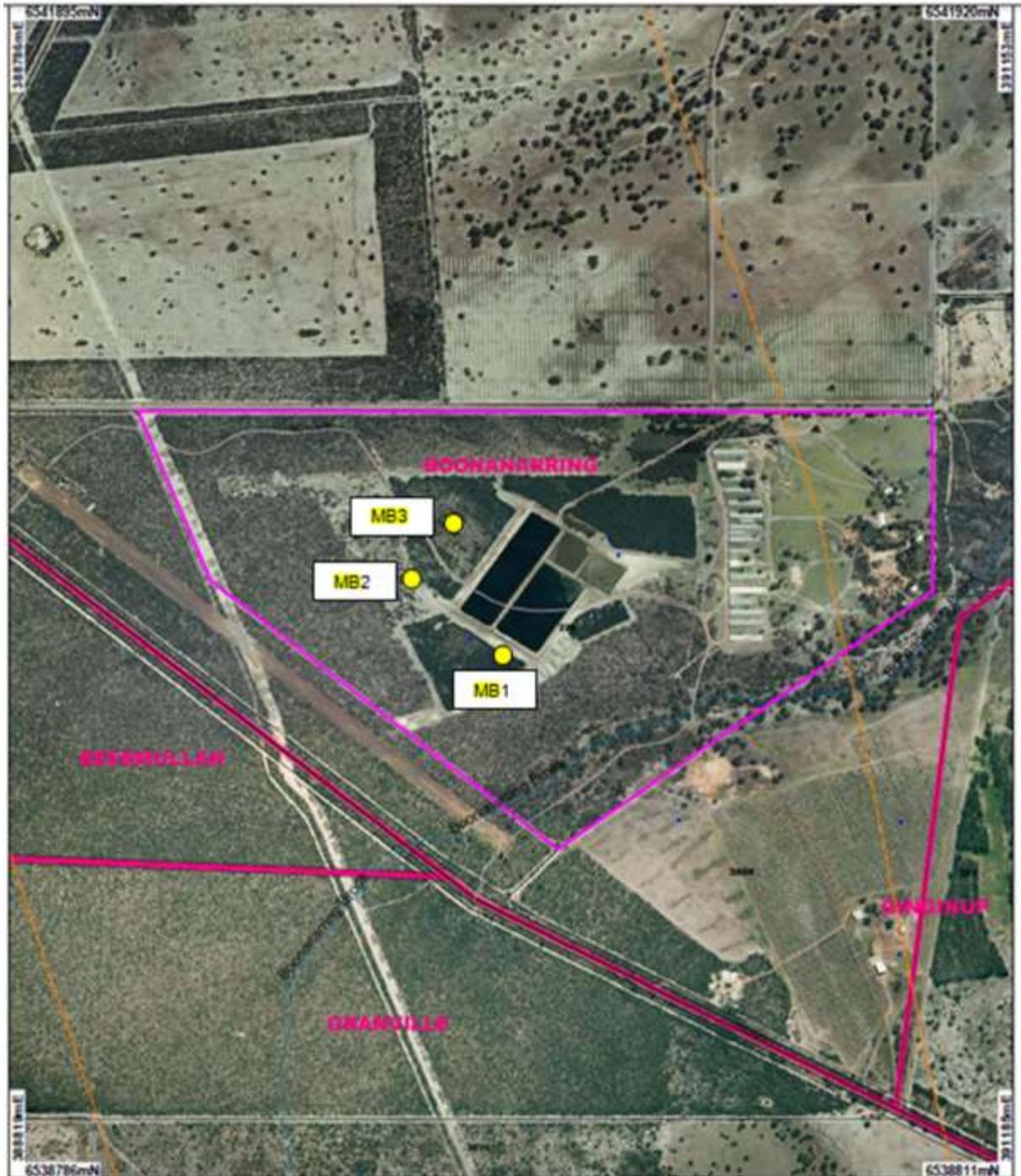
The Premises is shown in the map below. The pink line depicts the Premises boundary.





Map of monitoring locations

The location of the monitoring points defined in Table 2.4.1 is shown below.





Licence: L4409/1988/8
 Form: LR1
 Name: Monitoring of emission to land

Licensee: Westpork Pty Ltd
 Period :

Form LR1: Process monitoring - water quality prior to removal off-site for irrigation					
Emission point	Parameter	Result¹	Averaging period	Method	Sample date & times
Evaporation pond	pH	-	Spot sample		
	Total Dissolved Solids	mg/L	Spot sample		
	Total Nitrogen	mg/L	Spot sample		
	Total Phosphorus	mg/L	Spot sample		

Note 1: All units are referenced to STP dry

Signed on behalf of Westpork Pty LtdDate: