

# Environment Protection Licence

Licence - 2486

<b>Licence Details</b>	
Number:	2486
Anniversary Date:	01-November

<b>Licensee</b>
BARTTER ENTERPRISES PTY. LIMITED
PO BOX 21
PENDLE HILL NSW 2145

<b>Premises</b>
BARTTER PROCESSING PLANT
FARM 124 MURPHY ROAD
HANWOOD NSW 2680
WASTE WATER TREATMENT PLANT
FARM 126 MCGANN ROAD & MURRUMBIDGEE AVENUE
HANWOOD NSW 2680

<b>Scheduled Activity</b>
Livestock processing activities
Resource recovery

<b>Fee Based Activity</b>	<b>Scale</b>
Recovery of general waste	Any general waste recovered
Rendering or fat extraction	> 4000 T annual production capacity
Slaughtering or processing animals	> 30000 T annual processing capacity

<b>Region</b>
Riverina Far West
Suites 7-8, Level 1 Griffith City Plaza, 130-140 Banna Avenue
GRIFFITH NSW 2680
Phone: (02) 6969 0700
Fax: (02) 6969 0710
PO Box 397
GRIFFITH NSW 2680

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## Information about this licence

### Dictionary

A definition of terms used in the licence can be found in the dictionary at the end of this licence.

### Responsibilities of licensee

Separate to the requirements of this licence, general obligations of licensees are set out in the Protection of the Environment Operations Act 1997 ("the Act") and the Regulations made under the Act. These include obligations to:

- ensure persons associated with you comply with this licence, as set out in section 64 of the Act;
- control the pollution of waters and the pollution of air (see for example sections 120 - 132 of the Act);
- report incidents causing or threatening material environmental harm to the environment, as set out in Part 5.7 of the Act.

### Variation of licence conditions

The licence holder can apply to vary the conditions of this licence. An application form for this purpose is available from the EPA.

The EPA may also vary the conditions of the licence at any time by written notice without an application being made.

Where a licence has been granted in relation to development which was assessed under the Environmental Planning and Assessment Act 1979 in accordance with the procedures applying to integrated development, the EPA may not impose conditions which are inconsistent with the development consent conditions until the licence is first reviewed under Part 3.6 of the Act.

### Duration of licence

This licence will remain in force until the licence is surrendered by the licence holder or until it is suspended or revoked by the EPA or the Minister. A licence may only be surrendered with the written approval of the EPA.

### Licence review

The Act requires that the EPA review your licence at least every 5 years after the issue of the licence, as set out in Part 3.6 and Schedule 5 of the Act. You will receive advance notice of the licence review.

### Fees and annual return to be sent to the EPA

For each licence fee period you must pay:

- an administrative fee; and
- a load-based fee (if applicable).

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The EPA publication “A Guide to Licensing” contains information about how to calculate your licence fees. The licence requires that an Annual Return, comprising a Statement of Compliance and a summary of any monitoring required by the licence (including the recording of complaints), be submitted to the EPA. The Annual Return must be submitted within 60 days after the end of each reporting period. See condition R1 regarding the Annual Return reporting requirements.

Usually the licence fee period is the same as the reporting period.

## Transfer of licence

The licence holder can apply to transfer the licence to another person. An application form for this purpose is available from the EPA.

## Public register and access to monitoring data

Part 9.5 of the Act requires the EPA to keep a public register of details and decisions of the EPA in relation to, for example:

- licence applications;
- licence conditions and variations;
- statements of compliance;
- load based licensing information; and
- load reduction agreements.

Under s320 of the Act application can be made to the EPA for access to monitoring data which has been submitted to the EPA by licensees.

## This licence is issued to:

<b>BARTTER ENTERPRISES PTY. LIMITED</b>
<b>PO BOX 21</b>
<b>PENDLE HILL NSW 2145</b>

subject to the conditions which follow.

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## 1 Administrative Conditions

### A1 What the licence authorises and regulates

A1.1 This licence authorises the carrying out of the scheduled activities listed below at the premises specified in A2. The activities are listed according to their scheduled activity classification, fee-based activity classification and the scale of the operation.

Unless otherwise further restricted by a condition of this licence, the scale at which the activity is carried out must not exceed the maximum scale specified in this condition.

Scheduled Activity	Fee Based Activity	Scale
Resource recovery	Recovery of general waste	Any general waste recovered
Livestock processing activities	Rendering or fat extraction	> 4000 T annual production capacity
Livestock processing activities	Slaughtering or processing animals	> 30000 T annual processing capacity

### A2 Premises or plant to which this licence applies

A2.1 The licence applies to the following premises:

Premises Details
<b>BARTTER PROCESSING PLANT</b>
<b>FARM 124 MURPHY ROAD</b>
<b>HANWOOD</b>
<b>NSW 2680</b>
<b>LOT 162 DP 751709, LOT 1 DP 808077</b>
<b>WASTE WATER TREATMENT PLANT</b>
<b>FARM 126 MCGANN ROAD &amp; MURRUMBIDGEE AVENUE</b>
<b>HANWOOD</b>
<b>NSW 2680</b>
<b>LOT 187 DP 751709, LOT 188 DP 751709, LOT 189 DP 751709, LOT 211 DP 751709, LOT 213 DP 751709, LOT 356 DP 751709, LOT 357 DP 751709, LOT 358 DP 751709, LOT 2 DP 802982</b>

### A3 Information supplied to the EPA

A3.1 Works and activities must be carried out in accordance with the proposal contained in the licence application, except as expressly provided by a condition of this licence.

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In this condition the reference to "the licence application" includes a reference to:

- a) the applications for any licences (including former pollution control approvals) which this licence replaces under the Protection of the Environment Operations (Savings and Transitional) Regulation 1998; and
- b) the licence information form provided by the licensee to the EPA to assist the EPA in connection with the issuing of this licence.

A3.2 For the purposes of condition A3.1, the licence application includes:

- a) The development consent DA 214/2012 issued by Griffith City Council.
- b) The Environmental Impact Statement - "Increase in Poultry Processing" prepared by PSA Consulting and dated December 2012.
- c) The Baiada Group of Companies "Hanwood Waste Water Environmental Management Plan" dated May 2014.

## 2 Discharges to Air and Water and Applications to Land

### P1 Location of monitoring/discharge points and areas

P1.1 The following utilisation areas referred to in the table below are identified in this licence for the purposes of the monitoring and/or the setting of limits for any application of solids or liquids to the utilisation area.

P1.2 The following points referred to in the table are identified in this licence for the purposes of the monitoring and/or the setting of limits for discharges of pollutants to water from the point.

#### *Water and land*

EPA Identification no.	Type of Monitoring Point	Type of Discharge Point	Location Description
1	Waste water quality and volume monitoring		Sampling valve at influent flow to CALs described as 'Influent' in the map at Appendix 3 of the "Hanwood Waste Water Environmental Management Plan: EMS-SOP-003-HAN" dated January 2015 and kept at DOC15/104197 on EPA file EF13/2607

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2	Discharge to MI channel and utilisation areas, waste water quality and volume monitoring	Discharge to MI channel and utilisation areas, waste water quality and volume monitoring	The sample valve at the discharge pump station from the treated storage lagoon identified at Appendix 3 of the "Hanwood Waste Water Environmental Management Plan: EMS-SOP-003-HAN" dated January 2015 and kept at DOC15/104197 on EPA file EF13/2607
3	Soil quality monitoring		Soil monitoring point (0-15cm) in the cropping area identified as 'BH1' in Appendix 3 of the "Hanwood Waste Water Environmental Management Plan: EMS-SOP-003-HAN" dated January 2015 and kept at DOC15/104197 on EPA file EF13/2607
4	Soil quality monitoring		Soil monitoring point (15-100cm) in the cropping area identified as 'BH1' in Appendix 3 of the "Hanwood Waste Water Environmental Management Plan: EMS-SOP-003-HAN" dated January 2015 and kept at DOC15/104197 on EPA file EF13/2607
5	Soil quality monitoring		Soil monitoring point (0-15cm) in the cropping area identified as 'BH2' in Appendix 3 of the "Hanwood Waste Water Environmental Management Plan: EMS-SOP-003-HAN" dated January 2015 and kept at DOC15/104197 on EPA file EF13/2607
6	Soil quality monitoring		Soil monitoring point (15-100cm) in the cropping area identified as 'BH2' in Appendix 3 of the "Hanwood Waste Water Environmental Management Plan: EMS-SOP-003-HAN" dated January 2015 and kept at DOC15/104197 on EPA file EF13/2607
9	Soil quality monitoring		Soil monitoring point (0-15cm) in the cropping area identified as 'BH4' in Appendix 3 of the "Hanwood Waste Water Environmental Management Plan: EMS-SOP-003-HAN" dated January 2015 and kept at DOC15/104197 on EPA file EF13/2607



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10	Soil quality monitoring	Soil monitoring point (15-100cm) in the cropping area identified as 'BH4' in Appendix 3 of the "Hanwood Waste Water Environmental Management Plan: EMS-SOP-003-HAN" dated January 2015 and kept at DOC15/104197 on EPA file EF13/2607
11	Soil quality monitoring	Soil monitoring point (0-15cm) in the cropping area identified as 'BH5' in Appendix 3 of the "Hanwood Waste Water Environmental Management Plan: EMS-SOP-003-HAN" dated January 2015 and kept at DOC15/104197 on EPA file EF13/2607
12	Soil quality monitoring	Soil monitoring point (15-100cm) in the cropping area identified as 'BH5' in Appendix 3 of the "Hanwood Waste Water Environmental Management Plan: EMS-SOP-003-HAN" dated January 2015 and kept at DOC15/104197 on EPA file EF13/2607
13	Groundwater quality monitoring	Piezometer at the waste water ponds identified as 'P1A' in Appendix 3 of the "Hanwood Waste Water Environmental Management Plan: EMS-SOP-003-HAN" dated January 2015 and kept at DOC15/104197 on EPA file EF13/2607
14	Groundwater quality monitoring	Piezometer at the waste water ponds identified as 'P2A' in Appendix 3 of the "Hanwood Waste Water Environmental Management Plan: EMS-SOP-003-HAN" dated January 2015 and kept at DOC15/104197 on EPA file EF13/2607
15	Groundwater quality monitoring	Piezometer at the waste water ponds identified as 'P3A' in Appendix 3 of the "Hanwood Waste Water Environmental Management Plan: EMS-SOP-003-HAN" dated January 2015 and kept at DOC15/104197 on EPA file EF13/2607

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16	Groundwater quality monitoring	Piezometer at the waste water ponds identified as 'P4A' in Appendix 3 of the "Hanwood Waste Water Environmental Management Plan: EMS-SOP-003-HAN" dated January 2015 and kept at DOC15/104197 on EPA file EF13/2607
17	Groundwater quality monitoring	Piezometer at the waste water ponds identified as 'P5A' in Appendix 3 of the "Hanwood Waste Water Environmental Management Plan: EMS-SOP-003-HAN" dated January 2015 and kept at DOC15/104197 on EPA file EF13/2607

## 3 Limit Conditions

### L1 Pollution of waters

- L1.1 Except as may be expressly provided in any other condition of this licence, the licensee must comply with section 120 of the Protection of the Environment Operations Act 1997.

### L2 Waste

- L2.1 The licensee must not cause, permit or allow any waste to be received at the premises, except the wastes expressly referred to in the column titled "Waste" and meeting the definition, if any, in the column titled "Description" in the table below.

Any waste received at the premises must only be used for the activities referred to in relation to that waste in the column titled "Activity" in the table below.

Any waste received at the premises is subject to those limits or conditions, if any, referred to in relation to that waste contained in the column titled "Other Limits" in the table below.

This condition does not limit any other conditions in this licence.

Code	Waste	Description	Activity	Other Limits
NA	Liquid Waste	Liquid waste from associated hatcheries	Waste processing (non-thermal treatment)	
NA	Animal waste	Broiler chicken mortalities from associated farms	Waste disposal (thermal treatment)	Chicken mortalities, feathers and offal processed cannot exceed the daily capacity of the rendering plant subject to its conditions

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## L3 Other limit conditions

- L3.1 The premises must not process more than 560,000 birds on any day.
- L3.2 The premises must not produce more than 2,700 mega litres of waste water in any licence reporting period.
- L3.3 All new and re-constructed waste water treatment and storage ponds must have a minimum base and wall permeability of  $1 \times 10^{-9}$  metres per second over a base and wall thickness of 600 millimetres or be lined with an impermeable high density polyethylene liner.
- L3.4 All new or re-constructed waste water storage ponds must be designed, constructed and maintained to accommodate the rainfall and runoff from catchment areas (using a volumetric runoff coefficient of 0.8) generated in a 1 in 20 year, 24 hour storm event.

## 4 Operating Conditions

### O1 Activities must be carried out in a competent manner

- O1.1 Licensed activities must be carried out in a competent manner.  
This includes:
  - a) the processing, handling, movement and storage of materials and substances used to carry out the activity; and
  - b) the treatment, storage, processing, reprocessing, transport and disposal of waste generated by the activity.

### O2 Maintenance of plant and equipment

- O2.1 All plant and equipment installed at the premises or used in connection with the licensed activity:
  - a) must be maintained in a proper and efficient condition; and
  - b) must be operated in a proper and efficient manner.

### O3 Dust

- O3.1 The premises must be maintained in a condition which minimises or prevents the emission of dust from the premises.

### O4 Effluent application to land

- O4.1 Waste water must only be applied to the following areas: Lots 187, 188, 189, 211, 213, 356, 357 and 358 DP 751709 McGanns Road Hanwood; Lot 2 DP 802982 Murrumbidgee Avenue Hanwood.

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- O4.2 The quantity of waste water applied to the utilisation area(s) must not exceed the capacity of the utilisation area(s) to effectively utilise the waste water.

For the purpose of this condition, “effectively utilise” includes the ability of the soil to absorb the nutrient, salt and hydraulic loads and the applied organic material without causing harm to the environment.

## O5 Waste management

- O5.1 The rendering of chicken mortalities in the high temperature rendering plant may operate 24 hours per day.

Note: The high temperature rendering plant hours may be varied at any time by the EPA subject to its performance.

- O5.2 Treated waste water may be discharged to Murrumbidgee Irrigation drainage channels where authorised by Murrumbidgee Irrigation Limited.

- O5.3 Management of the biofilter must occur consistent with the "Hanwood Environmental Standard Operation Procedure - Doc No: EMS-SOP-017-HAN" and include a six monthly odour discharge concentration assessment.

## O6 Other operating conditions

- O6.1 There must be no incineration or open burning of any material(s) on the premises, except as specifically authorised by the EPA.

## 5 Monitoring and Recording Conditions

### M1 Monitoring records

- M1.1 The results of any monitoring required to be conducted by this licence or a load calculation protocol must be recorded and retained as set out in this condition.

- M1.2 All records required to be kept by this licence must be:
- in a legible form, or in a form that can readily be reduced to a legible form;
  - kept for at least 4 years after the monitoring or event to which they relate took place; and
  - produced in a legible form to any authorised officer of the EPA who asks to see them.

- M1.3 The following records must be kept in respect of any samples required to be collected for the purposes of this licence:
- the date(s) on which the sample was taken;
  - the time(s) at which the sample was collected;
  - the point at which the sample was taken; and
  - the name of the person who collected the sample.

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## M2 Requirement to monitor concentration of pollutants discharged

M2.1 For each monitoring/discharge point or utilisation area specified below (by a point number), the licensee must monitor (by sampling and obtaining results by analysis) the concentration of each pollutant specified in Column 1. The licensee must use the sampling method, units of measure, and sample at the frequency, specified opposite in the other columns:

### M2.2 Water and/ or Land Monitoring Requirements

#### POINT 1,2

Pollutant	Units of measure	Frequency	Sampling Method
BOD	milligrams per litre	Yearly	Grab sample
Electrical conductivity	microsiemens per centimetre	Yearly	Grab sample
Nitrogen (total)	milligrams per litre	Yearly	Grab sample
pH	pH	Yearly	Grab sample
Phosphorus (total)	milligrams per litre	Yearly	Grab sample
Potassium	milligrams per litre	Yearly	Grab sample
Sodium	milligrams per litre	Yearly	Grab sample
Sodium Adsorption Ratio	sodium adsorption ratio	Yearly	Grab sample
Thermotolerant Coliforms	colony forming units per 100 millilitres	Yearly	Grab sample
Total dissolved solids	milligrams per litre	Yearly	Grab sample
Total suspended solids	milligrams per litre	Yearly	Grab sample

#### POINT 3,4,5,6,9,10,11,12

Pollutant	Units of measure	Frequency	Sampling Method
Electrical conductivity	microsiemens per centimetre	Yearly	Representative sample
Exchangeable calcium	millimoles of positive charge per kilogram of soil	Yearly	Representative sample
Exchangeable magnesium	millimoles of positive charge per kilogram of soil	Yearly	Representative sample
Exchangeable potassium	millimoles of positive charge per kilogram of soil	Yearly	Representative sample
Exchangeable sodium	millimoles of positive charge per kilogram of soil	Yearly	Representative sample
Nitrogen (total)	micrograms per kilogram	Yearly	Representative sample
pH	pH	Yearly	Representative sample
Phosphorus (total)	milligrams per kilogram	Yearly	Representative sample
Potassium	milligrams per kilogram	Yearly	Representative sample

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Sodium	milligrams per kilogram	Yearly	Representative sample
Sodium Adsorption Ratio	sodium adsorption ratio	Yearly	Representative sample

## POINT 13,14,15,16,17

Pollutant	Units of measure	Frequency	Sampling Method
Depth	metres	Yearly	Inspection
Electrical conductivity	microsiemens per centimetre	Yearly	Representative sample
Nitrogen (nitrate)	milligrams per litre	Yearly	Representative sample
pH	pH	Yearly	Representative sample
Phosphorus	milligrams per litre	Yearly	Representative sample
Potassium	milligrams per litre	Yearly	Representative sample
Sodium	milligrams per litre	Yearly	Representative sample

### M3 Testing methods - concentration limits

M3.1 Subject to any express provision to the contrary in this licence, monitoring for the concentration of a pollutant discharged to waters or applied to a utilisation area must be done in accordance with the Approved Methods Publication unless another method has been approved by the EPA in writing before any tests are conducted.

### M4 Recording of pollution complaints

M4.1 The licensee must keep a legible record of all complaints made to the licensee or any employee or agent of the licensee in relation to pollution arising from any activity to which this licence applies.

M4.2 The record must include details of the following:

- a) the date and time of the complaint;
- b) the method by which the complaint was made;
- c) any personal details of the complainant which were provided by the complainant or, if no such details were provided, a note to that effect;
- d) the nature of the complaint;
- e) the action taken by the licensee in relation to the complaint, including any follow-up contact with the complainant; and
- f) if no action was taken by the licensee, the reasons why no action was taken.

M4.3 The record of a complaint must be kept for at least 4 years after the complaint was made.

M4.4 The record must be produced to any authorised officer of the EPA who asks to see them.

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## M5 Telephone complaints line

- M5.1 The licensee must operate during its operating hours a telephone complaints line for the purpose of receiving any complaints from members of the public in relation to activities conducted at the premises or by the vehicle or mobile plant, unless otherwise specified in the licence.
- M5.2 The licensee must notify the public of the complaints line telephone number and the fact that it is a complaints line so that the impacted community knows how to make a complaint.
- M5.3 The preceding two conditions do not apply until 3 months after: the date of the issue of this licence.

## M6 Requirement to monitor volume or mass

- M6.1 For each discharge point or utilisation area specified below, the licensee must monitor:
- the volume of liquids discharged to water or applied to the area;
  - the mass of solids applied to the area;
  - the mass of pollutants emitted to the air;
- at the frequency and using the method and units of measure, specified below.

POINT 1,2

Frequency	Unit of Measure	Sampling Method
Continuous	megalitres	Flow meter and continuous logger

## M7 Other monitoring and recording conditions

- M7.1 If solid waste (food waste sludge) is removed from the premises, the following records must be made and kept:
- date of removing the solids
  - estimated weight
  - receiving location of the solids

## 6 Reporting Conditions

### R1 Annual return documents

- R1.1 The licensee must complete and supply to the EPA an Annual Return in the approved form comprising:
- a Statement of Compliance,
  - a Monitoring and Complaints Summary,
  - a Statement of Compliance - Licence Conditions,
  - a Statement of Compliance - Load based Fee,
  - a Statement of Compliance - Requirement to Prepare Pollution Incident Response Management Plan,
  - a Statement of Compliance - Requirement to Publish Pollution Monitoring Data; and

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## 7. a Statement of Compliance - Environmental Management Systems and Practices.

At the end of each reporting period, the EPA will provide to the licensee a copy of the form that must be completed and returned to the EPA.

R1.2 An Annual Return must be prepared in respect of each reporting period, except as provided below.

Note: The term "reporting period" is defined in the dictionary at the end of this licence. Do not complete the Annual Return until after the end of the reporting period.

R1.3 Where this licence is transferred from the licensee to a new licensee:

- a) the transferring licensee must prepare an Annual Return for the period commencing on the first day of the reporting period and ending on the date the application for the transfer of the licence to the new licensee is granted; and
- b) the new licensee must prepare an Annual Return for the period commencing on the date the application for the transfer of the licence is granted and ending on the last day of the reporting period.

Note: An application to transfer a licence must be made in the approved form for this purpose.

R1.4 Where this licence is surrendered by the licensee or revoked by the EPA or Minister, the licensee must prepare an Annual Return in respect of the period commencing on the first day of the reporting period and ending on:

- a) in relation to the surrender of a licence - the date when notice in writing of approval of the surrender is given; or
- b) in relation to the revocation of the licence - the date from which notice revoking the licence operates.

R1.5 The Annual Return for the reporting period must be supplied to the EPA via eConnect *EPA* or by registered post not later than 60 days after the end of each reporting period or in the case of a transferring licence not later than 60 days after the date the transfer was granted (the 'due date').

R1.6 The licensee must retain a copy of the Annual Return supplied to the EPA for a period of at least 4 years after the Annual Return was due to be supplied to the EPA.

R1.7 Within the Annual Return, the Statements of Compliance must be certified and the Monitoring and Complaints Summary must be signed by:

- a) the licence holder; or
- b) by a person approved in writing by the EPA to sign on behalf of the licence holder.

R1.8 The licensee must supply with the Annual Return a report, which provides:

- a) an analysis and interpretation of monitoring results; and
- b) actions to correct identified adverse trends.

## R2 Notification of environmental harm

R2.1 Notifications must be made by telephoning the Environment Line service on 131 555.

Note: The licensee or its employees must notify all relevant authorities of incidents causing or threatening



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material harm to the environment immediately after the person becomes aware of the incident in accordance with the requirements of Part 5.7 of the Act.

R2.2 The licensee must provide written details of the notification to the EPA within 7 days of the date on which the incident occurred.

## R3 Written report

R3.1 Where an authorised officer of the EPA suspects on reasonable grounds that:

- a) where this licence applies to premises, an event has occurred at the premises; or
- b) where this licence applies to vehicles or mobile plant, an event has occurred in connection with the carrying out of the activities authorised by this licence, and the event has caused, is causing or is likely to cause material harm to the environment (whether the harm occurs on or off premises to which the licence applies), the authorised officer may request a written report of the event.

R3.2 The licensee must make all reasonable inquiries in relation to the event and supply the report to the EPA within such time as may be specified in the request.

R3.3 The request may require a report which includes any or all of the following information:

- a) the cause, time and duration of the event;
- b) the type, volume and concentration of every pollutant discharged as a result of the event;
- c) the name, address and business hours telephone number of employees or agents of the licensee, or a specified class of them, who witnessed the event;
- d) the name, address and business hours telephone number of every other person (of whom the licensee is aware) who witnessed the event, unless the licensee has been unable to obtain that information after making reasonable effort;
- e) action taken by the licensee in relation to the event, including any follow-up contact with any complainants;
- f) details of any measure taken or proposed to be taken to prevent or mitigate against a recurrence of such an event; and
- g) any other relevant matters.

R3.4 The EPA may make a written request for further details in relation to any of the above matters if it is not satisfied with the report provided by the licensee. The licensee must provide such further details to the EPA within the time specified in the request.

## 7 General Conditions

### G1 Copy of licence kept at the premises or plant

G1.1 A copy of this licence must be kept at the premises to which the licence applies.

G1.2 The licence must be produced to any authorised officer of the EPA who asks to see it.

G1.3 The licence must be available for inspection by any employee or agent of the licensee working at the

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premises.

## 8 Pollution Studies and Reduction Programs

### U1 New waste water treatment plant

U1.1 The works described in the table below must be completed in accordance with the document titled "Waste Water Treatment Concept Design" prepared by JJC Engineering Pty Ltd and date 23 November 2012, by the nominated date.

Stage	Works required	Date of completion
3	In accordance with condition A3.2 and conditions L3.3 and L3.4; De-sludge the existing maturation lagoons and reuse on site.	1 December 2019
4	Construct and commission: The third 'covered anaerobic lagoon' (CAL) and 'sequencing batch reactor' (SBR) in accordance with condition A3.2, L3.3 and L3.4.	30 June 2019

### U2 Noise Reduction Works

U2.1 The licensee must engage an independent consultant to conduct a noise impact assessment following the completion of modifications of the cold store building between the live bird area and Receiver R5, as outlined in Reverb Acoustics Report No. 11-1598-R10. The assessment must measure noise against the project specific noise criteria at all affected receivers.

COMPLETION DATE: 30 July 2019

### U3 Odour Reduction Works

U3.1 Install odour collection systems in all three cookers which includes hoods and ducting as well as the refurbishment of existing batch cooker condenser lids.

Completion Date: 30 September 2019

U3.2 Install an odour collection system to the Crax screw moving cooked product away from the cookers.

Completion Date: 30 September 2019

U3.3 Upgrade the feather processing line. This will include upgrade to storage facilities, equipment, and the building.

Completion Date: 30 June 2019

# Environment Protection Licence

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Licence - 2486



# Environment Protection Licence

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## Dictionary

### General Dictionary

<b>3DGM [in relation to a concentration limit]</b>	Means the three day geometric mean, which is calculated by multiplying the results of the analysis of three samples collected on consecutive days and then taking the cubed root of that amount. Where one or more of the samples is zero or below the detection limit for the analysis, then 1 or the detection limit respectively should be used in place of those samples
<b>Act</b>	Means the Protection of the Environment Operations Act 1997
<b>activity</b>	Means a scheduled or non-scheduled activity within the meaning of the Protection of the Environment Operations Act 1997
<b>actual load</b>	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009
<b>AM</b>	Together with a number, means an ambient air monitoring method of that number prescribed by the <i>Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales</i> .
<b>AMG</b>	Australian Map Grid
<b>anniversary date</b>	The anniversary date is the anniversary each year of the date of issue of the licence. In the case of a licence continued in force by the Protection of the Environment Operations Act 1997, the date of issue of the licence is the first anniversary of the date of issue or last renewal of the licence following the commencement of the Act.
<b>annual return</b>	Is defined in R1.1
<b>Approved Methods Publication</b>	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009
<b>assessable pollutants</b>	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009
<b>BOD</b>	Means biochemical oxygen demand
<b>CEM</b>	Together with a number, means a continuous emission monitoring method of that number prescribed by the <i>Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales</i> .
<b>COD</b>	Means chemical oxygen demand
<b>composite sample</b>	Unless otherwise specifically approved in writing by the EPA, a sample consisting of 24 individual samples collected at hourly intervals and each having an equivalent volume.
<b>cond.</b>	Means conductivity
<b>environment</b>	Has the same meaning as in the Protection of the Environment Operations Act 1997
<b>environment protection legislation</b>	Has the same meaning as in the Protection of the Environment Administration Act 1991
<b>EPA</b>	Means Environment Protection Authority of New South Wales.
<b>fee-based activity classification</b>	Means the numbered short descriptions in Schedule 1 of the Protection of the Environment Operations (General) Regulation 2009.
<b>general solid waste (non-putrescible)</b>	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997

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<b>flow weighted composite sample</b>	Means a sample whose composites are sized in proportion to the flow at each composites time of collection.
<b>general solid waste (putrescible)</b>	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
<b>grab sample</b>	Means a single sample taken at a point at a single time
<b>hazardous waste</b>	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
<b>licensee</b>	Means the licence holder described at the front of this licence
<b>load calculation protocol</b>	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009
<b>local authority</b>	Has the same meaning as in the Protection of the Environment Operations Act 1997
<b>material harm</b>	Has the same meaning as in section 147 Protection of the Environment Operations Act 1997
<b>MBAS</b>	Means methylene blue active substances
<b>Minister</b>	Means the Minister administering the Protection of the Environment Operations Act 1997
<b>mobile plant</b>	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
<b>motor vehicle</b>	Has the same meaning as in the Protection of the Environment Operations Act 1997
<b>O&amp;G</b>	Means oil and grease
<b>percentile [in relation to a concentration limit of a sample]</b>	Means that percentage [eg.50%] of the number of samples taken that must meet the concentration limit specified in the licence for that pollutant over a specified period of time. In this licence, the specified period of time is the Reporting Period unless otherwise stated in this licence.
<b>plant</b>	Includes all plant within the meaning of the Protection of the Environment Operations Act 1997 as well as motor vehicles.
<b>pollution of waters [or water pollution]</b>	Has the same meaning as in the Protection of the Environment Operations Act 1997
<b>premises</b>	Means the premises described in condition A2.1
<b>public authority</b>	Has the same meaning as in the Protection of the Environment Operations Act 1997
<b>regional office</b>	Means the relevant EPA office referred to in the Contacting the EPA document accompanying this licence
<b>reporting period</b>	For the purposes of this licence, the reporting period means the period of 12 months after the issue of the licence, and each subsequent period of 12 months. In the case of a licence continued in force by the Protection of the Environment Operations Act 1997, the date of issue of the licence is the first anniversary of the date of issue or last renewal of the licence following the commencement of the Act.
<b>restricted solid waste</b>	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
<b>scheduled activity</b>	Means an activity listed in Schedule 1 of the Protection of the Environment Operations Act 1997
<b>special waste</b>	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
<b>TM</b>	Together with a number, means a test method of that number prescribed by the <i>Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales</i> .

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<b>TSP</b>	Means total suspended particles
<b>TSS</b>	Means total suspended solids
<b>Type 1 substance</b>	Means the elements antimony, arsenic, cadmium, lead or mercury or any compound containing one or more of those elements
<b>Type 2 substance</b>	Means the elements beryllium, chromium, cobalt, manganese, nickel, selenium, tin or vanadium or any compound containing one or more of those elements
<b>utilisation area</b>	Means any area shown as a utilisation area on a map submitted with the application for this licence
<b>waste</b>	Has the same meaning as in the Protection of the Environment Operations Act 1997
<b>waste type</b>	Means liquid, restricted solid waste, general solid waste (putrescible), general solid waste (non - putrescible), special waste or hazardous waste

Mr Craig Bretherton

Environment Protection Authority

(By Delegation)

Date of this edition: 04-April-2000

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## End Notes

- 1 Licence varied by notice 1009253, issued on 12-Dec-2001, which came into effect on 12-Dec-2001.
- 2 Licence varied by notice 1031990, issued on 19-Nov-2003, which came into effect on 14-Dec-2003.
- 3 Licence varied by change to Premises Details, issued on 06-Dec-2004, which came into effect on 06-Dec-2004.
- 4 Licence varied by notice 1088273, issued on 02-Sep-2008, which came into effect on 02-Sep-2008.
- 5 Condition A1.3 Not applicable varied by notice issued on <issue date> which came into effect on <effective date>
- 6 Licence varied by notice 1118252, issued on 19-Aug-2010, which came into effect on 19-Aug-2010.
- 7 Licence varied by change to Scheduled Activity name, issued on 10-Feb-2011, which came into effect on 10-Feb-2011.
- 8 Licence varied by notice 1518171 issued on 04-Aug-2014
- 9 Licence varied by notice 1530363 issued on 27-Nov-2015
- 10 Licence varied by notice 1549800 issued on 19-Apr-2017
- 11 Licence varied by notice 1563043 issued on 17-Apr-2018
- 12 Licence varied by notice 1566506 issued on 03-Jul-2018
- 13 Licence varied by notice 1570781 issued on 17-Oct-2018