

# Environment Protection Licence

Licence - 902

<b><u>Licence Details</u></b>	
Number:	902
Anniversary Date:	01-June

<b><u>Licensee</u></b>
CARGILL PROCESSING LIMITED
3 BARANBAR STREET
NARRABRI WEST NSW 2390

<b><u>Premises</u></b>
CARGILL PROCESSING LIMITED
BARANBAR STREET
NARRABRI WEST NSW 2390

<b><u>Scheduled Activity</u></b>
Agricultural processing

<b><u>Fee Based Activity</u></b>	<b><u>Scale</u></b>
General agricultural processing	0-30000 T annual processing capacity

<b><u>Region</u></b>
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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>CARGILL PROCESSING LIMITED</b>
<b>3 BARANBAR STREET</b>
<b>NARRABRI WEST NSW 2390</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
Agricultural processing	General agricultural processing	0 - 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
CARGILL PROCESSING LIMITED
BARANBAR STREET
NARRABRI WEST
NSW 2390
LOT 162 DP 757093, LOT 189 DP 757093

### A3 Other activities

A3.1 This licence applies to all other activities carried on at the premises, including:

Ancillary Activity
Chemical Storage Facilities

### A4 Information supplied to the EPA

A4.1 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.

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;

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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.

A4.2 Except as expressly provided by this licence, works and activities must be carried out in accordance with the proposal contained in:

- the development application DA126/2015 submitted to Narrabri Shire Council and received by the EPA on 30 March 2015;
- the document titled *"Proposed Biofilters at Cargill Oilseed Process Facility at Baranbar Street, Narrabri- Statement of Environmental Effects - February 2015 (DOC15/105297)* relating to the development; and
- all additional documents supplied to the EPA in relation to the development, including:
  - Correspondence from Wayne Madden of Cargill Processing Limited dated 1 July 2015 with the attached report titled *"Wastewater Loads Investigation 2015- Cargill Processing Limited- 26 June 2015"* (DOC15/105297-12) and;
  - Correspondence from Wayne Madden of Cargill Processing Limited dated 12 July 2015 with the attached report titled *"Odour Impact Assessment- Proposed Biofilters at Cargill Oilseed Process Facility at Baranbar Street, Narrabri- 3 July 2015"* (DOC15/105297-11)

## A5 Other administrative conditions

### Fit and Proper Person

A5.1 The licensee must, in the opinion of the EPA, be a fit and proper person to hold a licence under the Protection of the Environment Operations Act 1997, having regard to the matters in s.83 of that Act.

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

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

P1.1 The following points referred to in the table below are identified in this licence for the purposes of monitoring and/or the setting of limits for the emission of pollutants to the air from the point.

#### *Air*

EPA identification no.	Type of Monitoring Point	Type of Discharge Point	Location Description
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3	Discharge to air	Outlet of the dust collector located east of de-linting area labelled "Prep Dust Collector 1" on plan titled "Buildings Site Layout" submitted to the EPA with Licence Information Form dated 22 December 1999.
4	Discharge to air	Outlet of dust collector located south of de-hulling area labelled "Prep Dust Collector 2" on plan titled "Buildings Site Layout" submitted to the EPA with Licence Information Form dated 22 December 1999.
5	Discharge to air	Cyclone outlet located in the middle of hull shed labelled "Hull-blowing cyclone" on plan titled "Building Site Layout" submitted to the EPA with Licence Information Form dated 22 December 1999.
6	Discharge to air	Cyclone outlet located in the middle of hull shed labelled "Blackseed cleaning cyclone" on plan titled "Buildings Site Layout" submitted to the EPA with Licence Information Form dated 22 December 1999.
7	Discharge to air	Outlet of the dust collector installed on blackseed tanks labelled "Blackseed silo dust collector" on plan titled "Buildings Site Layout" submitted to the EPA with Licence Information Form dated 22 December 1999.
8	Discharge to air	Cooker vent located in the middle of preparation area labelled "Cooker vent 1" on plan titled "Buildings Site Layout" submitted to the EPA with Licence Information Form dated 22 December 1999.
9	Discharge to air	Cooker vent located in the middle of preparation area labelled "Cooker vent 2" on plan titled "Buildings Site Layout" submitted to the EPA with Licence Information Form dated 22 December 1999.
10	Discharge to air	Cooker vent located in the middle of preparation area labelled "Cooker vent 3" on plan titled "Buildings Site Layout" submitted to the EPA with Licence Information Form dated 22 December 1999.
11	Discharge to air	Cyclone outlet located on the southern side of extraction plant labelled "Air break fan cyclone" on plan titled "Buildings Site Layout" submitted to the EPA with Licence Information Form dated 22 December 1999.
12	Discharge to air	Scrubber outlet located in the south-west corner of extraction plant labelled "Drier cooler scrubber" on plan titled "Buildings Site Layout" submitted to the EPA with Licence Information Form dated 22 December 1999.



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13	Discharge to air	Outlet of the dust collector near south-east corner of meal shed 1 and 2 labelled "Meal grinding dust collector" on plan titled "Buildings Site Layout" submitted to the EPA with Licence Information Form dated 22 December 1999.
14	Discharge to air	Outlet of the dust collector near north-east corner of meal shed No. 3 labelled "Meal loadout dust collector" on plan titled "Buildings Site Layout" submitted to the EPA with Licence Information Form dated 22 December 1999.
15	Discharge to air	Stack located at the north-east corner of boiler house labelled "15" on plan titled "Site Discharge/ Monitoring Points" submitted to the EPA on 7 March 2012 (DOC12/17920).
16	Discharge to air	Vent in the middle of preparation area labelled "Conditioner vent" on plan titled "Buildings Site Layout" submitted to the EPA with Licence Information Form dated 22 December 1999.

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
17	Ambient water quality monitoring location.		Upstream location within Long Gully labelled "17" on plan titled "Site Discharge/ Monitoring Points" submitted to the EPA on 7 March 2012 (DOC12/17920).
18	Ambient water quality monitoring location.		Down stream location within Long Gully labelled "18" on plan titled "Site Discharge/ Monitoring Points" submitted to the EPA on 7 March 2012 (DOC12/17920).
19	Discharge to waters. Discharge quality and quantity monitoring.	Discharge to waters. Discharge quality and quantity monitoring.	Discharge from stormwater collection dam labelled "19" on plan titled "Site Discharge/ Monitoring Points" submitted to the EPA on 7 March 2012 (DOC12/17920).
20	Effluent quality monitoring.		From wastewater treatment facility labelled "20" on plan titled "Site Discharge/ Monitoring Points" submitted to the EPA on 7 March 2012 (DOC12/17920).
22	Effluent quality monitoring.		From the combined wastewater biofilter sump, prior to treatment by the WWTP.

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- P1.3 The following points referred to in the table below are identified in this licence for the purposes of weather and/or noise monitoring and/or setting limits for the emission of noise from the premises.

### *Noise/Weather*

EPA identification no.	Type of monitoring point	Location description
21	Meteorological Station	Onsite Meteorological Station

## 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 Concentration limits

- L2.1 For each monitoring/discharge point or utilisation area specified in the table below (by a point number), the concentration of a pollutant discharged at that point, or applied to that area, must not exceed the concentration limits specified for that pollutant in the table.
- L2.2 Where a pH quality limit is specified in the table, the specified percentage of samples must be within the specified ranges.
- L2.3 To avoid any doubt, this condition does not authorise the pollution of waters by any pollutant other than those specified in the table.
- L2.4 Water and/or Land Concentration Limits

#### POINT 19

Pollutant	Units of Measure	50 percentile concentration limit	90 percentile concentration limit	3DGM concentration limit	100 percentile concentration limit
BOD	milligrams per litre				20
Oil and Grease	milligrams per litre				10

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pH	pH	6.5- 8.5
Total suspended solids	milligrams per litre	50

## L2.5 Air Concentration Limits

### POINT 15

Pollutant	Units of measure	100 percentile concentration limit	Reference conditions	Oxygen correction	Averaging period
Total Solid Particles	milligrams per cubic metre	250			

## L3 Volume and mass limits

- L3.1 For each discharge point or utilisation area specified below (by a point number), the volume/mass of:
- liquids discharged to water; or;
  - solids or liquids applied to the area;
- must not exceed the volume/mass limit specified for that discharge point or area.

Point	Unit of Measure	Volume/Mass Limit
19	kilolitres per day	2000
20	KL/month	5500

## L4 Waste

- L4.1 The licensee must not cause, permit or allow any waste generated outside the premises to be received at the premises for storage, treatment, processing, reprocessing or disposal or any waste generated at the premises to be disposed of at the premises, except as expressly permitted by the licence.
- L4.2 This condition only applies to the storage, treatment, processing, reprocessing or disposal of waste at the premises if those activities require an environment protection licence.

## L5 Potentially offensive odour

- L5.1 No condition of this licence identifies a potentially offensive odour for the purposes of section 129 of the Protection of the Environment Operations Act 1997.

Note: Section 129 of the Protection of the Environment Operations Act 1997, provides that the licensee must

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not cause or permit the emission of any offensive odour from the premises but provides a defence if the emission is identified in the relevant environment protection licence as a potentially offensive odour and the odour was emitted in accordance with the conditions of a licence directed at minimising odour.

## 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 Spray from effluent application must not drift beyond the boundary of the premises.

O4.2 Effluent application must not occur in a manner that causes surface runoff.

### O5 Processes and management

O5.1 All above ground tanks containing material that is likely to cause environmental harm must be bunded or have an alternative spill containment system in place.

O5.2 When processing canola seed, all process air emissions must be directed to the biofilter.

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## O6 Waste management

- O6.1 The licensee must ensure that suitable measures (e.g. high/low alarms, control valves with interlock control, one way valves) are installed on all tanks, ponds or clarifiers and associated pipes and hoses to prevent the spillage of waste.

## O7 Other operating conditions

### Maintaining Wastewater Utilisation Areas

- O7.1 Wastewater utilisation areas must effectively utilise the wastewater applied to those areas. This includes the use for pasture or crop production, as well as ensuring the soil is able to absorb the nutrients, salts, hydraulic load and organic materials in the solids or liquids. Monitoring of land and receiving waters to determine the impact of wastewater application may be required by the EPA at a later date.

## 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.

### 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 Air Monitoring Requirements

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**POINT 15**

Pollutant	Units of measure	Frequency	Sampling Method
Total Solid Particles	micrograms per cubic metre	Yearly	TM-15

**M2.3 Water and/ or Land Monitoring Requirements****POINT 17,18**

Pollutant	Units of measure	Frequency	Sampling Method
Oil and Grease	milligrams per litre	Special Frequency 1	Representative sample
pH	pH	Special Frequency 1	Representative sample
Total suspended solids	milligrams per litre	Special Frequency 1	Representative sample

**POINT 19**

Pollutant	Units of measure	Frequency	Sampling Method
Oil and Grease	milligrams per litre	Daily during any discharge	Representative sample
pH	pH	Daily during any discharge	Representative sample
Total suspended solids	milligrams per litre	Daily during any discharge	Representative sample

**POINT 20,22**

Pollutant	Units of measure	Frequency	Sampling Method
Alkalinity (as calcium carbonate)	milligrams per litre	Special Frequency 2	Grab sample
BOD	milligrams per litre	Special Frequency 2	Grab sample
Calcium	milligrams per litre	Special Frequency 2	Grab sample
Chemical oxygen demand	milligrams per litre	Special Frequency 2	Grab sample
Chloride	milligrams per litre	Special Frequency 2	Grab sample
Conductivity	microsiemens per centimetre	Special Frequency 2	Grab sample
Magnesium	milligrams per litre	Special Frequency 2	Grab sample
Nitrate	milligrams per litre	Special Frequency 2	Grab sample
Nitrate + nitrite (oxidised nitrogen)	milligrams per litre	Special Frequency 2	Grab sample
Nitrite	milligrams per litre	Special Frequency 2	Grab sample
Nitrogen (ammonia)	milligrams per litre	Special Frequency 2	Grab sample
Nitrogen (total)	milligrams per litre	Special Frequency 2	Grab sample

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Oil and Grease	milligrams per litre	Special Frequency 2	Grab sample
pH	pH	Special Frequency 2	Grab sample
Phosphorus (total)	milligrams per litre	Special Frequency 2	Grab sample
Potassium	milligrams per litre	Special Frequency 2	Grab sample
Sodium	milligrams per litre	Special Frequency 2	Grab sample
Sodium Adsorption Ratio	sodium adsorption ratio	Special Frequency 2	Grab sample
Sulfate	milligrams per litre	Special Frequency 2	Grab sample
Total dissolved solids	milligrams per litre	Special Frequency 2	Grab sample
Total Kjeldahl Nitrogen	milligrams per litre	Special Frequency 2	Grab sample
Total suspended solids	milligrams per litre	Special Frequency 2	Grab sample

M2.4 For the purposes of the table(s) above Special Frequency 1 means the collection of samples must occur within 24 hours after any discharge from Point 19 (onsite sediment pond).

M2.5 For the purposes of the table(s) above, Special Frequency 2 means one sample must be collected during each biofilter commissioning trial.

### M3 Testing methods - concentration limits

Note: The *Protection of the Environment Operations (Clean Air) Regulation 2010* requires testing for certain purposes to be conducted in accordance with test methods contained in the publication "Approved Methods for the Sampling and Analysis of Air Pollutants in NSW".

M3.1 Monitoring for the concentration of a pollutant emitted to the air required to be conducted by this licence must be done in accordance with:

- a) any methodology which is required by or under the Act to be used for the testing of the concentration of the pollutant; or
- b) if no such requirement is imposed by or under the Act, any methodology which a condition of this licence requires to be used for that testing; or
- c) if no such requirement is imposed by or under the Act or by a condition of this licence, any methodology approved in writing by the EPA for the purposes of that testing prior to the testing taking place.

M3.2 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 Weather monitoring

M4.1 At the point(s) identified below, the licensee must monitor (by sampling and obtaining results by analysis)

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the parameters specified in Column 1 of the table below, using the corresponding sampling method, units of measure, averaging period and sampling frequency, specified opposite in the Columns 2, 3, 4 and 5 respectively.

## POINT 21

Parameter	Sampling method	Units of measure	Averaging period	Frequency
Wind Direction at 10 metres	AM-2 & AM-4	Degrees	10 minutes	Continuous
Wind Speed at 10 metres	AM-2 & AM-4	metres per second	10 minutes	Continuous
Temperature at 10 metres	AM-4	Celsius	10 minutes	Continuous

M4.2 The meteorological station must be maintained so as to be capable of continuously monitoring the parameters specified in the weather monitoring table.

Note: The meteorological station must be installed and operational within 1 month of the final commissioning of the biofilter.

## M5 Recording of pollution complaints

M5.1 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.

M5.2 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.

M5.3 The record of a complaint must be kept for at least 4 years after the complaint was made.

M5.4 The record must be produced to any authorised officer of the EPA who asks to see them.

## M6 Telephone complaints line

M6.1 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.



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M6.2 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.

M6.3 The preceding two conditions do not apply until 3 months after: the date of the issue of this licence.

## M7 Requirement to monitor volume or mass

M7.1 For each discharge point or utilisation area specified below, the licensee must monitor:

- a) the volume of liquids discharged to water or applied to the area;
- b) the mass of solids applied to the area;
- c) the mass of pollutants emitted to the air;

at the frequency and using the method and units of measure, specified below.

### POINT 19

Frequency	Unit of Measure	Sampling Method
Daily during any discharge	kilolitres per day	Flow meter and continuous logger

### POINT 20

Frequency	Unit of Measure	Sampling Method
Daily during any discharge	kilolitres per day	Flow meter and continuous logger

## 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:

1. a Statement of Compliance,
2. a Monitoring and Complaints Summary,
3. a Statement of Compliance - Licence Conditions,
4. a Statement of Compliance - Load based Fee,
5. a Statement of Compliance - Requirement to Prepare Pollution Incident Response Management Plan,
6. a Statement of Compliance - Requirement to Publish Pollution Monitoring Data; and
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.

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

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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.

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.

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.

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

## R2 Notification of environmental harm

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

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.

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

## 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

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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 premises.

### G2 Other general conditions

#### Community liaison

- G2.1 Should the EPA receive and validate community complaints concerning the premises, the EPA may require the licensee to establish a community environment liaison committee, comprising representatives of the community and the licensee.

#### Odour Management

- G2.2 The licensee must prepare and implement an Odour Management Plan (OMP) for the premises. The OMP must include, as a minimum, the following elements:

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a. For each odour emission source at the premises:

- Key performance indicator(s) for emission controls;
- Monitoring method(s) including location, frequency and duration;
- Response mechanisms;
- Responsibilities for demonstrating and reporting achievement of key performance indicator(s);
- Record keeping;
- Compliance reporting;

b. Contingency strategies,

c. Complaints register to be reported to the EPA as required in the Annual Return. The register must document investigations undertaken to identify the cause(s) of and action(s) taken to rectify the complaints,

d. Communications strategy; and,

e. System and performance review for continuous improvement.

G2.3 The OMP must be prepared and implemented prior to the commissioning of the biofilter.

Note: The OMP was received by the EPA on 3 March 2016 (DOC15/302080-08).

G2.4 Within 12 months of commissioning of the biofilter the licensee must submit a post commissioning performance report to the EPA. The report must include the results of samples collected to demonstrate the biofilter performance.

## Wastewater sampling and monitoring program

G2.5 The licensee must prepare and implement a sampling and monitoring program to be performed during commissioning of the biofilter. The program must include, but not be limited to:

a. Visual monitoring and assessment of irrigation areas to ensure pooling does not occur as a result of application. The visual assessment should also take into account the health of the crops in the grassed irrigation area.

b. Completion of a wastewater quality sampling program. The wastewater sampling program must include, but not be limited to:

- Water quality monitoring of biofilter recycle water produced based upon the parameters analysed in the report titled "*Wastewater Loads Investigation 2015- Cargill Processing Limited- 26 June 2015*" (DOC15/105297-12).
- Water quality monitoring of Wastewater Treatment Plant (WWTP) outlet water to irrigation based upon the parameters analysed in the report titled "*Wastewater Loads Investigation 2015- Cargill Processing Limited- 26 June 2015*" (DOC15/105297-12).
- Volume flow monitoring of the biofilter recycle water and WWTP treated water to irrigation.

G2.6 The above sampling and monitoring program must be provided to the Armidale office of the EPA prior to commissioning of the biofilter.

Note: The sampling and monitoring program to be completed during commissioning of the biofilter was received by the EPA on 3 March 2016 (DOC15/302080-08).

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- G2.7 The licensee must prepare and implement an ongoing sampling and monitoring program for the premises. The program must include, but not be limited to:
- Regular water quality monitoring of the WWTP treated water quality to irrigation.
  - Regular water quality monitoring of the biofilter recycle water.
  - Set and implement internal water quality trigger levels for the biofilter recycle water to ensure the nutrient loads are not permitted to reach levels likely to be detrimental to the WWTP and irrigation areas.
  - Soil sampling and monitoring program to assess the short-term and long-term effects on the irrigation area. This should include regular visual assessment of the irrigation area for crop quality and avoidance of pooling of water onsite.

Note: It is the EPA's intention to include monitoring locations on the licence to monitor biofilter recycle water and WWTP treated water quality and quantity and to monitor soils within the irrigation area.

- G2.8 The ongoing sampling and monitoring program must be provided to the Armidale office of the EPA within 6 months of commissioning of the biofilter.

## Noise Impact Assessment Report

- G2.9 The licensee must engage a suitably qualified and experienced acoustical practitioner to prepare a Noise Impact Assessment Report (NIAR) on the measured background noise levels and the noise from the premises during normal operations to determine compliance with the *NSW Industrial Noise Policy*.
- G2.10 The NIAR must outline:
- Details of hours of operation;
  - Details of identified noise sensitive locations;
  - Existing ambient (including background) noise levels at noise sensitive locations in the area in accordance with the *NSW Industrial Noise Policy* (January 2000);
  - Proposed daytime, evening and night time Environment Protection Licence (EPL) noise limits for the premises, including justification for these proposed standards, in accordance with the *NSW Industrial Noise Policy*;
  - In addressing night time activity, sleep disturbance criteria of LA1(1 minute) (or LA(Max)) level 15dB(A) above background applies;
  - Details and results of noise monitoring conducted and assessment as to whether the licensee is meeting the proposed noise limits, described in (d) and (e) above;
  - Identify noise abatement measures to achieve the proposed noise limits identified in (d) and (e) above and provide a timetable for their implementation;
  - Quantification of noise enhancement brought about by adverse weather conditions (e.g. temperature inversions, prevailing source-to-receiver winds) and methods to overcome noise disturbance during such weather conditions;
  - All noise monitoring must be conducted as per recognised protocols.

The NIAR must take into account the impacts of all noise generating activities undertaken at the premises.

- G2.11 The NIAR must be provided to the Armidale office of the EPA within 9 months of commissioning of the biofilter.

Note: It is the EPA's intention to include noise limits on the licence.

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## G2.12 Completed Programs

Program	Description	Completed Date
Storm Water Management Plan	Prepare a site SWMP to manage water.	02-August-2012
Implement SWMP Recommendations	Implement SWMP report recommendations onsite.	18-June-2013

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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 David Dutailis

Environment Protection Authority

(By Delegation)

Date of this edition: 25-August-2000

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## End Notes

- 1 Licence varied by notice 1015529, issued on 24-May-2002, which came into effect on 24-May-2002.
- 2 Licence varied by notice 1019902, issued on 15-Aug-2002, which came into effect on 09-Sep-2002.
- 3 Licence varied by notice 1021462, issued on 17-Oct-2002, which came into effect on 11-Nov-2002.
- 4 Licence varied by notice 1022266, issued on 13-Nov-2002, which came into effect on 08-Dec-2002.
- 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 1504173 issued on 08-May-2012
- 7 Licence varied by notice 1509200 issued on 30-Oct-2012
- 8 Licence fee period changed by notice 1527838 on 28-Jan-2015
- 9 Licence fee period changed by notice 1528028 on 31-May-2015
- 10 Licence varied by notice 1540663 issued on 05-Feb-2020
- 11 Licence varied by notice 1594625 issued on 14-May-2020