

# Environment Protection Licence

Licence - 599

## Licence Details

Number:	599
Anniversary Date:	01-November

## Licensee

SHOALHAVEN STARCHES PTY LTD  
 PO BOX 72  
 GLADESVILLE NSW 2111

## Premises

SHOALHAVEN STARCHES TAMWORTH  
 176-182 MARIUS STREET  
 TAMWORTH NSW 2340

## Scheduled Activity

Agricultural processing

## Fee Based Activity

General agricultural processing

## Scale

0-30000 T annual processing  
 capacity

## Region

North - Armidale  
 Ground Floor, NSW Govt Offices, 85 Faulkner Street  
 ARMIDALE NSW 2350  
 Phone: (02) 6773 7000  
 Fax: (02) 6772 2336  
 PO Box 494  
 ARMIDALE NSW 2350



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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>SHOALHAVEN STARCHES PTY LTD</b>
<b>PO BOX 72</b>
<b>GLADESVILLE NSW 2111</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
SHOALHAVEN STARCHES TAMWORTH
176-182 MARIUS STREET
TAMWORTH
NSW 2340
LOT 1 DP 77750, LOT 1 DP 86122, LOT 2 DP 86122, LOT A DP 371305, LOT B DP 371305, LOT 1 DP 712114, LOT 1 DP 881132
THE PREMISES ALSO INCLUDES THE AREAS SPECIFIED IN CONDITION A2.2

A2.2 In relation to A2.1, the premises also includes the effluent utilisation area located at Scott Road Farm including:

Lot 1 DP 1101985; Lot 1 DP 1062219; Lot 8 DP 1094104; Lots 34, 35, 36 & 37 DP 826572; Lots 5 & 6 DP 999939; Lots 9 & 10 DP 1094087; Lot 1 DP 153581; Lot 1 DP 196504; Lots 2 & 3 DP 162236; Lot 12 DP 1094092; Lots 56 & 57 DP 1195840; Lot 5 DP 1103706; Lot 42 DP 719840; and any road reserves and/ or easements within the area of land bound by the blue dotted line shown on the Monitoring Points Map for Scott Road submitted to the EPA on 23/03/2017 (EPA TRIM: DOC17/183257).

The premises also includes the effluent pipe line from the Marius Street factory to the Scott Road Farm identified by the black line shown on the map titled 'Map 1 - Scott Road Farm Surrounding Area Likely to be Affected by a Pollution Incident - Pipeline Route - Stormwater' submitted to the EPA on 12/06/2015 (EPA TRIM: DOC15/274713).

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## 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.

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

1. the development application DA0320/2015 submitted to Tamworth Regional Council on 13 February 2015;
2. the document titled "Statement of Environmental Effects - Tamworth Food Ingredients Plant - Alterations and Additions (Allied Mills)" dated February 2015 (EPA TRIM: DOC15/55777-01 to DOC15/55777-03) relating to the development; and
3. all additional documents supplied to the EPA in relation to the development (and saved within EPA TRIM: DOC15/55777-15), including:

- correspondence from Francine Manansala of Pacific Environment Limited dated 16 April 2015 titled "Allied Mills Tamworth Food Ingredient Site Upgrade Odour Impact Assessment - Responses to EPA Comments"; and
- the report titled "Allied Mills Tamworth Food Ingredient Site Upgrade - Odour Impact Assessment" Revision 2, dated 16 April 2015 and prepared by Pacific Environment Limited.

### Fit and Proper Person

A3.3 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.

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## Air

EPA identification no.	Type of Monitoring Point	Type of Discharge Point	Location Description
11		Discharge to air	Starch Drier labelled as Point 13 'DP19 Main Exhaust Fan - EPA 11' shown on map titled 'Location of Air Discharge and Monitoring Points' submitted to the EPA on 31/07/2015 (EPA TRIM: DOC15/140773).
12		Discharge to air	Gluten Drier labelled as Point 3 'DP10 Main Dust Collector - EPA 12' shown on map titled 'Location of Air Discharge and Monitoring Points' submitted to the EPA on 31/07/2015 (EPA TRIM: DOC15/140773).
13		Discharge to air	Dextrin Plant, Packaging System Bin D47 labelled as Point 2 'D47 Dustcollector - EPA 13' shown on map titled 'Location of Air Discharge and Monitoring Points' submitted to the EPA on 31/07/2015 (EPA TRIM: DOC15/140773).
14		Discharge to air	Boiler stack in the boiler house labelled as Point 1 'Boiler 2 - EPA 14' shown on map titled 'Location of Air Discharge and Monitoring Points' submitted to the EPA on 31/07/2015 (EPA TRIM: DOC15/140773).

P1.2 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.

P1.3 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	Effluent quality and volume monitoring		Point in effluent line from Marius Street factory to Scott Road Farm labelled as 'EMP 1' on the Monitoring Points Map for Scott Road submitted to the EPA on 23/03/2017 (EPA TRIM: DOC17/183257).
2	Discharge to utilisation area Effluent quality and volume monitoring	Discharge to utilisation area Effluent quality and volume monitoring	Effluent discharge and monitoring point labelled as 'EMP 2' on the Monitoring Points Map for Scott Road submitted to the EPA on 23/03/2017 (EPA TRIM: DOC17/183257).



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3	Groundwater quality monitoring	Groundwater monitoring bore labelled as 'EMP 3' on the Monitoring Points Map for Scott Road submitted to the EPA on 23/03/2017 (EPA TRIM: DOC17/183257).
4	Soils quality monitoring Mass monitoring	Four (4) soil monitoring points labelled as 'EMP 4' on the Monitoring Points Map for Scott Road submitted to the EPA on 23/03/2017 (EPA TRIM: DOC17/183257).
5	Ambient water monitoring	Surface water monitoring point (Peel River upstream) labelled as 'EMP 5' on the Monitoring Points Map for Scott Road submitted to the EPA on 23/03/2017 (EPA TRIM: DOC17/183257).
6	Ambient water monitoring	Surface water monitoring point (Peel River downstream) labelled as 'EMP 6' on the Monitoring Points Map for Scott Road submitted to the EPA on 23/03/2017 (EPA TRIM: DOC17/183257).
7	Ambient water monitoring	Surface water monitoring point (Goonoo Goonoo Creek upstream) labelled as 'EMP 7' on the Monitoring Points Map for Scott Road submitted to the EPA on 23/03/2017 (EPA TRIM: DOC17/183257).
8	Ambient water monitoring	Surface water monitoring point (Goonoo Goonoo Creek downstream) labelled as 'EMP 8' on the Monitoring Points Map for Scott Road submitted to the EPA on 23/03/2017 (EPA TRIM: DOC17/183257).
15	Water quality monitoring	Runoff trap dam labelled as 'EMP 15' on the Monitoring Points Map for Scott Road submitted to the EPA on 23/03/2017 (EPA TRIM: DOC17/183257).
16	Water quality monitoring	Terminal runoff trap dam labelled as 'EMP 16' on the Monitoring Points Map for Scott Road submitted to the EPA on 23/03/2017 (EPA TRIM: DOC17/183257).

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18	Groundwater	Groundwater monitoring bore labelled as 'EMP 18' on the Monitoring Points Map for Scott Road submitted to the EPA on 23/03/2017 (EPA TRIM: DOC17/183257).
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P1.4 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
19	Meteorological Station	Weather monitoring station labelled as 'EMP 19' on the Monitoring Points Map for Scott Road submitted to the EPA on 23/03/2017 (EPA TRIM: DOC17/183257).

## 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

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## POINT 2

Pollutant	Units of Measure	50 percentile concentration limit	90 percentile concentration limit	3DGM concentration limit	100 percentile concentration limit
Nitrogen (total)	milligrams per litre	50	330		
Phosphorus (total)	milligrams per litre	3	5		

### L2.5 Air Concentration Limits

## POINT 14

Pollutant	Units of measure	100 percentile concentration limit	Reference conditions	Oxygen correction	Averaging period
Solid Particles	milligrams per cubic metre	100	Dry, 273 K, 101.3kPa, 7% Oxygen		Averaging Period 1
Nitrogen Oxides	milligrams per cubic metre	500	Dry, 273 K, 101.3kPa, 7% Oxygen		1 hour block
Sulfur Oxides	milligrams per cubic metre	100	Dry, 273 K, 101.3kPa, 7% Oxygen		Averaging Period 1
Type 1 and Type 2 substances in aggregate	milligrams per cubic metre	5	Dry, 273 K, 101.3kPa, 7% Oxygen		Averaging Period 1

L2.6 For the purposes of the table above, Averaging Period 1 means a 1 hour averaging period, or the minimum sampling period specified in the relevant approved test method, whichever is the greater.

Note: EPA records indicate that the two existing coal-fired boilers at the premises were commissioned in mid 1999. For the purposes of the *Protection of the Environment Operations (Clean Air) Regulation 2010* these items of plant are therefore required to comply with the relevant Group 5 emissions standards.

## 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.

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Point	Unit of Measure	Volume/Mass Limit
2	kilolitres per day	2400

## 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 a licence under the *Protection of the Environment Operations Act 1997*.

Note: This condition only applies to the storage, treatment, processing, reprocessing or disposal of waste at the premises if it requires an environment protection licence under the *Protection of the Environment Operations Act 1997*.

## L5 Noise limits

- L5.1 Noise generated from the premises must not exceed the noise limits in the table below.

Locality and Location	Day LAeq(15 minute)	Evening LAeq(15 minute)	Night LAeq(15 minute)	Night LA1(1 minute)
Location 1 - the residence located at 81 Griffin Avenue, Tamworth (see Figure 1 in the report attached to DOC15/55777-02)	49 dB(A)	46 dB(A)	45 dB(A)	55 dB(A)
Location 2 - the residence located at 115 Carthage Street, Tamworth (see Figure 1 in the report attached to DOC15/55777-02)	49 dB(A)	44 dB(A)	41 dB(A)	51 dB(A)
Location 3 - the residence located at 27 White Street, Tamworth (see Figure 1 in the report attached to DOC15/55777-02)	55 dB(A)	49 dB(A)	47 dB(A)	57 dB(A)

- L5.2 For the purpose of the condition above:
- Day is defined as the period from 7am to 6pm on any day;
  - Evening is defined as the period 6pm to 10pm on any day; and
  - Night is defined as the period from 10pm to 7am on any day.

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Note: For the purposes of the noise limits for this licence, 5 dB(A) must be added to the measurement level if the noise is substantially tonal or impulsive in character.

L5.3 The noise limits set out in the Noise Limits table apply under all meteorological conditions except for the following:

- (a) Wind speeds greater than 3 metres/second at 10 metres above ground level; or
- (b) Stability category F temperature inversion conditions and wind speeds greater than 2 metres/second at 10 metres above ground level; or
- (c) Stability category G temperature inversion conditions.

For the purposes of this condition:

- (i) Data recorded by an appropriate meteorological station (that is located in a situation where it will provide meteorological data that is representative of those at the site) to be nominated by the licensee in writing for approval by the EPA must be used to determine meteorological conditions; and
- (ii) Temperature inversion conditions (stability category) are to be determined by the sigma-theta method referred to in Part E4 of Appendix E to the NSW Industrial Noise Policy.

## L5.4 Determining Compliance

To determine compliance:

a) with the Leq(15 minute) noise limits in the Noise Limits table, the noise measurement equipment must be located:

- i) approximately on the property boundary, where any dwelling is situated 30 metres or less from the property boundary closest to the premises; or
- ii) within 30 metres of a dwelling façade, but not closer than 3m, where any dwelling on the property is situated more than 30 metres from the property boundary closest to the premises; or, where applicable
- iii) within approximately 50 metres of the boundary of a National Park or a Nature Reserve.

b) with the LA1(1 minute) noise limits in the Noise Limits table, the noise measurement equipment must be located within 1 metre of a dwelling façade.

c) with the noise limits in the Noise Limits table, the noise measurement equipment must be located:

- i) at the most affected point at a location where there is no dwelling at the location; or
- ii) at the most affected point within an area at a location prescribed by part (a) or part (b) of this condition.

Note: A non-compliance of the Noise Limits table will still occur where noise generated from the premises in excess of the appropriate limit is measured:

- (i) at a location other than an area prescribed in part (a) and part (b) of this condition; and/or
- (ii) at a point other than the most affected point at a location.

L5.5 For the purposes of determining the noise generated at the premises the modification factors in Section 4 of the NSW Industrial Noise Policy must be applied, as appropriate, to the noise levels measured by the noise monitoring equipment.

Note: The NSW Industrial Noise Policy places an obligation on the licensee to continue to implement all reasonable and feasible noise mitigation measures at the premises to reduce off-site impacts.

## L6 Hours of operation

L6.1 All construction work at the premises must only be conducted between 7am and 6pm Monday to Friday,

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and 8am and 1pm Saturday. Construction work must not be carried out at any time on Sundays or public holidays.

- L6.2 The hours of operation specified above do not apply to the delivery of material, if that delivery is required by police or other authorities for safety reasons; and/or the operation or personnel or equipment are endangered. In such circumstances, prior notification is provided to the EPA and affected residents as soon as possible, or within a reasonable period in the case of an emergency.
- L6.3 The hours of operation specified above may be varied with written consent if the EPA is satisfied that the amenity of the residents in the locality will not be adversely affected.

## L7 Potentially offensive odour

- L7.1 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 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 Effluent application to land

- O3.1 Effluent application must not occur in a manner that causes surface runoff.
- O3.2 Spray from effluent application must not drift beyond the boundary of the premises.

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- O3.3 Livestock access to any effluent application area must be denied during irrigation and until the applied effluent has dried.
- O3.4 The licensee must retain the utilisation area.
- O3.5 At least 14 days prior to a utilisation area being rendered unavailable for use, the EPA must be advised in writing of this intention.
- O3.6 The quantity of effluent/solids applied to the utilisation area must not exceed the capacity of the area to effectively utilise the effluent/solids.

For the purpose of this condition, 'effectively utilise' includes the use of the effluent/solids for pasture or crop production, as well as the ability of the soil to absorb the nutrient, salt, hydraulic load and organic material.

## O4 Other operating conditions

### Stormwater/sediment control - Construction Phase

- O4.1 An Erosion and Sediment Control Plan (ESCP) must be prepared and implemented prior to the commencement of construction activities. The plan must describe the measures that will be employed to minimise soil erosion and the discharge of sediment and other pollutants to lands and/or waters during construction activities. The ESCP should be prepared in accordance with the requirements for such plans outlined in the Managing Urban Stormwater: Soils and Construction series of guidelines (available from <http://www.environment.nsw.gov.au/stormwater/publications.htm>).

### Recommencement of Full Scale Operations

Note: The licensee notified the EPA in July 2019 that the premises is in care and maintenance.

- O4.2 The licensee must notify the EPA, in writing, two weeks prior to commencing full-scale operations.

The notification must be sent electronically to the Armidale office of the EPA to: [armidale@epa.nsw.gov.au](mailto:armidale@epa.nsw.gov.au).

## 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:
  - a) in a legible form, or in a form that can readily be reduced to a legible form;
  - b) kept for at least 4 years after the monitoring or event to which they relate took place; and

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c) 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:

- a) the date(s) on which the sample was taken;
- b) the time(s) at which the sample was collected;
- c) the point at which the sample was taken; and
- d) 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

### POINT 14

Pollutant	Units of measure	Frequency	Sampling Method
Moisture content	percent	Special Frequency 3	TM-22
Nitrogen Oxides	milligrams per cubic metre	Special Frequency 3	TM-11
Oxygen (O <sub>2</sub> )	percent	Special Frequency 3	TM-25
Solid Particles	milligrams per cubic metre	Special Frequency 3	TM-15
Sulfur Oxides	milligrams per cubic metre	Special Frequency 3	TM-4
Temperature	degrees Celsius	Special Frequency 3	TM-2
Type 1 and Type 2 substances in aggregate	milligrams per cubic metre	Special Frequency 3	TM-12, TM-13 & TM-14
Volumetric flowrate	cubic metres per second	Special Frequency 3	TM-2

M2.3 The sampling position for the air monitoring requirements specified in the table above is required to be in accordance with the sampling method TM-1.

M2.4 For the purposes of the table(s) above, monitoring at point 14 is only required if the approved upgrade and boiler refurbishment at the premises is completed.

M2.5 For the purposes of the table(s) above Special Frequency 3 means that one round of performance testing must be conducted within one month of the completion of the boiler refurbishment, and at any other time when the EPA requests in writing that further testing is completed.

M2.6 Water and/ or Land Monitoring Requirements



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**POINT 1**

Pollutant	Units of measure	Frequency	Sampling Method
pH	pH	Continuous	In line instrumentation
Temperature	degrees Celsius	Continuous	In line instrumentation

**POINT 2**

Pollutant	Units of measure	Frequency	Sampling Method
Biochemical oxygen demand	milligrams per litre	Quarterly	Representative sample
Calcium	milligrams per litre	Quarterly	Representative sample
Chloride	milligrams per litre	Quarterly	Representative sample
Conductivity	microsiemens per centimetre	Quarterly	In situ
Magnesium	milligrams per litre	Quarterly	Representative sample
Nitrate	milligrams per litre	Quarterly	Representative sample
Nitrogen (ammonia)	milligrams per litre	Quarterly	Representative sample
Nitrogen (total)	milligrams per litre	Quarterly	Representative sample
pH	pH	Quarterly	In situ
Phosphorus (total)	milligrams per litre	Quarterly	Representative sample
Potassium	milligrams per litre	Quarterly	Representative sample
Reactive Phosphorus	milligrams per litre	Quarterly	Representative sample
Sodium	milligrams per litre	Quarterly	Representative sample
Sodium Adsorption Ratio	sodium adsorption ratio	Quarterly	Representative sample
Total Kjeldahl Nitrogen	milligrams per litre	Quarterly	Representative sample
Total suspended solids	milligrams per litre	Quarterly	Representative sample

**POINT 3,18**

Pollutant	Units of measure	Frequency	Sampling Method
BOD	milligrams per litre	Special Frequency 3	Representative sample
Chloride	milligrams per litre	Special Frequency 3	Representative sample
Conductivity	microsiemens per centimetre	Special Frequency 3	In situ
Nitrate	milligrams per litre	Special Frequency 3	Representative sample
Nitrogen (ammonia)	milligrams per litre	Special Frequency 3	Representative sample
Nitrogen (total)	milligrams per litre	Special Frequency 3	Representative sample
pH	pH	Special Frequency 3	In situ
Phosphorus (total)	milligrams per litre	Special Frequency 3	Representative sample

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Reactive Phosphorus	milligrams per litre	Special Frequency 3	Representative sample
Sodium	milligrams per litre	Special Frequency 3	Representative sample
Standing Water Level	metres	Special Frequency 3	In situ

## POINT 4

Pollutant	Units of measure	Frequency	Sampling Method
Aggregate stability	As approp.	3 years	Special Method 1
Available phosphorus	milligrams per kilogram	Yearly	Special Method 1
Bulk density	kilograms per cubic metre	3 years	Special Method 1
Cation Exchange Capacity	centimoles of positive charge per kilogram of soil	Yearly	Special Method 1
Chloride	milligrams per kilogram	Yearly	Special Method 1
Conductivity	microsiemens per centimetre	Yearly	Special Method 1
Exchangeable calcium	centimoles of positive charge per kilogram of soil	Yearly	Special Method 1
Exchangeable magnesium	centimoles of positive charge per kilogram of soil	Yearly	Special Method 1
Exchangeable potassium	centimoles of positive charge per kilogram of soil	Yearly	Special Method 1
Exchangeable sodium	centimoles of positive charge per kilogram of soil	Yearly	Special Method 1
Exchangeable sodium percentage	percent	Yearly	Special Method 1
Nitrate	milligrams per kilogram	Yearly	Special Method 1
Nitrogen (total)	milligrams per kilogram	Yearly	Special Method 2
Organic carbon	percent	Yearly	Special Method 2
pH	pH	Yearly	Special Method 1
Phosphorus Sorption Capacity	phosphorus sorption capacity of soil	3 years	Special Method 1
Sodium Adsorption Ratio	sodium adsorption ratio	Yearly	Special Method 1

## POINT 5,6,7,8

Pollutant	Units of measure	Frequency	Sampling Method
Biochemical oxygen demand	milligrams per litre	Special Frequency 1	Representative sample
Calcium	milligrams per litre	Special Frequency 1	Representative sample
Chloride	milligrams per litre	Special Frequency 1	Representative sample
Conductivity	microsiemens per centimetre	Special Frequency 1	In situ
Magnesium	milligrams per litre	Special Frequency 1	Representative sample
Nitrate	milligrams per litre	Special Frequency 1	Representative sample
Nitrogen (ammonia)	milligrams per litre	Special Frequency 1	Representative sample
Nitrogen (total)	milligrams per litre	Special Frequency 1	Representative sample

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pH	pH	Special Frequency 1	In situ
Phosphorus (total)	milligrams per litre	Special Frequency 1	Representative sample
Potassium	milligrams per litre	Special Frequency 1	Representative sample
Reactive Phosphorus	milligrams per litre	Special Frequency 1	Representative sample
Sodium	milligrams per litre	Special Frequency 1	Representative sample
Sodium Adsorption Ratio	sodium adsorption ratio	Special Frequency 1	Representative sample
Total Kjeldahl Nitrogen	milligrams per litre	Special Frequency 1	Representative sample
Total suspended solids	milligrams per litre	Special Frequency 1	Representative sample

## POINT 15,16

Pollutant	Units of measure	Frequency	Sampling Method
Calcium	milligrams per litre	Every 6 months	Representative sample
Chloride	milligrams per litre	Every 6 months	Representative sample
Conductivity	microsiemens per centimetre	Special Frequency 2	In situ
Magnesium	milligrams per litre	Every 6 months	Representative sample
Nitrate	milligrams per litre	Special Frequency 2	Representative sample
Nitrogen (ammonia)	milligrams per litre	Special Frequency 2	Representative sample
Nitrogen (total)	milligrams per litre	Special Frequency 2	Representative sample
pH	pH	Special Frequency 2	In situ
Phosphorus (total)	milligrams per litre	Special Frequency 2	Representative sample
Potassium	milligrams per litre	Every 6 months	Representative sample
Reactive Phosphorus	milligrams per litre	Special Frequency 2	Representative sample
Sodium	milligrams per litre	Every 6 months	Representative sample
Sodium Adsorption Ratio	sodium adsorption ratio	Every 6 months	Representative sample
Total Kjeldahl Nitrogen	milligrams per litre	Every 6 months	Representative sample
Total suspended solids	milligrams per litre	Each overflow event	Representative sample

M2.7 For the purposes of the table(s) above Special Method 1 means that, for each paddock, representative composite samples must be taken of the: (a) top soils; and (b) sub soils.

M2.8 For the purposes of the table(s) above Special Method 2 means that, for each paddock, representative composite samples must be taken of the top soils.

M2.9 For the purposes of the table(s) above Special Frequency 1 means the collection of samples shall occur after every overflow event from the runoff trap dams.

M2.10 For the purposes of the table(s) above Special Frequency 2 means the collection of samples shall occur: (a) at every overflow event; and (b) every six (6) months. Monitoring at points 15 and 16 is not required if

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the monitoring site is dry or inadequate water is available to collect a sample.

M2.11 For the purposes of the table(s) above, monitoring at points 3 and 18 is not required in the quarterly period if the bore is dry or inadequate water is available to collect a sample.

M2.12 For the purposes of the table(s) above, Special Frequency 3 means the collection of samples shall occur annually until the plant re-commences full operation. When the plant is in full operation, samples must be taken quarterly.

## 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.

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".

M3.2 Monitoring for the concentration of a pollutant emitted to the air required to be conducted by this licence must be done in accordance with:

- any methodology which is required by or under the Act to be used for the testing of the concentration of the pollutant; or
- 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
- 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.

## M4 Weather monitoring

M4.1 The meteorological weather station must be maintained so as to be capable of continuously monitoring the parameters specified in this section.

M4.2 At the point(s) identified below, the licensee must monitor (by sampling and obtaining results by analysis) 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.

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## POINT 19

Parameter	Sampling method	Units of measure	Averaging period	Frequency
Temperature at 2 metres	AM-4	degrees Celsius	10 minutes	Continuous
Wind Direction at 10 metres	AM-2 & AM-4	Degrees in a clockwise direction from True North	10 minutes	Continuous
Wind Speed at 10 metres	AM-2 & AM-4	metres per second	10 minutes	Continuous
Sigma Theta	AM-2 & AM-4	Degrees in a clockwise direction from True North	10 minutes	Continuous
Rainfall	AM-4	millimetres per hour	1 hour	Continuous
Temperature at 10 metres	AM-4	degrees Celsius	10 minutes	Continuous
Total Solar Radiation	AM-4	Watts per square metre	10 minutes	Continuous
Siting	AM-1 & AM-4	-	-	-

M4.3 The licensee must install a permanent meteorological station and logger. The location of the site chosen for the station and the details of the equipment, measurement and maintenance/service procedures and schedules to be installed/implemented must be submitted in writing to the EPA, and approved in writing by the EPA, before any sampling or analysis is carried out. The meteorological station must be calibrated at least once every 12 months. The EPA must be provided with the data from the station upon request in a Microsoft Office compatible format.

## 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:

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

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- 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.
- 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:
- 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 2

Frequency	Unit of Measure	Sampling Method
Continuous	megalitres per year	Special Method 3

### POINT 4

Frequency	Unit of Measure	Sampling Method
Yearly	kilograms per hectare	Special Method 4

- M7.2 For the purposes of the table(s) above Special Method 3 means that sampling shall occur by in line instrumentation and that volume data is to be provided for each paddock within the effluent utilisation area.
- M7.3 For the purposes of the table(s) above Special Method 4 means that the mass of:
- nutrients (Total Phosphorus, Total Nitrogen and Potassium) applied to the effluent utilisation area; and
  - crop yield (dry matter) and nutrients removed (Total Phosphorus, Total Nitrogen and Potassium) from the effluent utilisation area;
- are to be monitored.

## M8 Other monitoring and recording conditions

- M8.1 **Testing methods – monitoring concentration of pollutants discharged**  
Monitoring of solids and soils for concentration of pollutants must be done in accordance with methods that have been approved by the EPA in writing before any tests are conducted. Methods must be approved for:

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- (a) the sampling technique; and
- (b) the analytical technique.

## M9 Noise monitoring

M9.1 To assess compliance with the noise limits presented in condition L5.1 (Noise Limits table), attended noise monitoring must be undertaken in accordance with the condition L5.4 (Determining Compliance), outlined above and:

- (a) at Locations 1, 2 and 3 listed in condition L5.1 (Noise Limits table);
- (b) occur every six months in a reporting period when the plant is in full operation;
- (c) occur during each day, evening and night period as defined in the NSW Industrial Noise Policy for a minimum of:
  - i) 1.5 hours during the day;
  - ii) 30 minutes during the evening; and
  - iii) 1 hour during the night.
- (d) occur for three consecutive operating days.

Note: The frequency of noise monitoring may be varied by the EPA once the variability of the noise impact is established.

M9.2 The licensee must provide the noise monitoring results required by condition M9.1 to the Armidale EPA office within 24 hours after they have been received by the licensee.

## 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.

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- 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.
- 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.

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.



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## 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 premises.

### G2 Signage

- G2.1 Each monitoring and discharge point must be clearly marked by a sign that indicates the EPA point identification number.

## 8 Special Conditions

### E1 Air Quality Impact Assessment

E1.1 Following the completion of the boiler refurbishment and within 3 months of the completion of the air emissions monitoring required by condition M2.2, the licensee must submit to the EPA's Armidale Office an Air Quality Impact Assessment (AQIA) conducted in accordance with the Approved Methods for the Modelling and Assessment of Air Pollutants in NSW. The AQIA must include, but is not necessarily limited to the following:

- Analytical results (and analytical test reports) of the performance testing conducted as required by condition M2.2;
- Demonstrate emission performance of the boilers against prescribed emission limits under the Protection of the Environment Operations (Clean Air) Regulation 2010;
- Quantitative assessment of emissions to air from the coal fired boilers with consideration to the performance testing as required by condition M2.2, and proposed emission limits;
- Detail any current pollution control equipment associated with the boilers and details on their emission control performance;
- Consider emissions from all other point sources, and the potential for cumulative impacts;
- Detail any current pollution control equipment associated with any other air emission sources and provide details on their emission control performance; and
- Where the assessment indicates the potential for air quality impacts the licensee must nominate and detail reasonable and feasible mitigation options including a timeline for implementation.

Note: This condition only applies if the approved upgrade and boiler refurbishment is completed at the premises.

### E2 Odour Management Plan

E2.1 Within three months of recommencing operations of the main production line (starch and gluten production) at the premises, the licensee must develop and implement an Odour Management Plan (OMP).

The OMP must contain, as a minimum, the following elements:

(a) For all odour emission sources at the site:

- Key performance indicator(s);
- 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.

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- (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.

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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: 20-October-2000

# Environment Protection Licence



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## End Notes

- 1 Licence varied by notice Prem. Change, issued on 09-Mar-2001, which came into effect on 09-Mar-2001.
- 2 Licence transferred through application 140201, approved on 04-Apr-2001, which came into effect on 01-Nov-2000.
- 3 Licence varied by notice 1019784, issued on 14-Aug-2002, which came into effect on 08-Sep-2002.
- 4 Licence varied by notice 1029683, issued on 27-Oct-2003, which came into effect on 21-Nov-2003.
- 5 Licence varied by notice 1033094, issued on 05-Mar-2004, which came into effect on 30-Mar-2004.
- 6 Licence varied by notice 1058283, issued on 11-Apr-2006, which came into effect on 11-Apr-2006.
- 7 Licence varied by notice 1067568, issued on 15-Feb-2007, which came into effect on 15-Feb-2007.
- 8 Licence varied by notice 1078925, issued on 29-Oct-2007, which came into effect on 29-Oct-2007.
- 9 Licence varied by notice 1083661, issued on 14-Mar-2008, which came into effect on 14-Mar-2008.
- 10 Condition A1.3 Not applicable varied by notice issued on <issue date> which came into effect on <effective date>
- 11 Licence varied by notice 1101953, issued on 09-Jun-2009, which came into effect on 09-Jun-2009.
- 12 Licence transferred through application 146063, approved on 12-Feb-2010, which came into effect on 27-Nov-2009.
- 13 Licence varied by notice 1500476 issued on 25-Feb-2013
- 14 Licence transferred through application 1513051 approved on 22-Mar-2013 , which came into effect on 22-Mar-2013
- 15 Licence varied by notice 1518332 issued on 11-Aug-2015
- 16 Licence varied by notice 1547181 issued on 19-Sep-2017
- 17 Licence transferred through application 1563512 approved on 09-Apr-2018 , which came into effect on 08-Apr-2018
- 18 Licence varied by notice 1565710 issued on 14-Sep-2018
- 19 Licence transferred through application 1578286 approved on 10-Apr-2019 , which came into effect on 12-Apr-2019

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20 Licence varied by notice 1584096 issued on 27-Nov-2019

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