

# Environment Protection Licence

Licence - 4340



## Licence Details

Number:	4340
Anniversary Date:	13-June

## Licensee

YOLARNO PTY LTD  
 7307 GWYDIR HIGHWAY  
 INVERELL NSW 2360

## Premises

MYOLA FEEDLOT  
 CROPPA CREEK ROAD  
 NORTH STAR NSW 2408

## Scheduled Activity

Livestock intensive activities

## Fee Based Activity

## Scale

Cattle, sheep or horse accommodation	> 2500 T accommodation capacity
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## Region

North - Armidale  
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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>YOLARNO PTY LTD</b>
<b>7307 GWYDIR HIGHWAY</b>
<b>INVERELL NSW 2360</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
Livestock intensive activities	Cattle, sheep or horse accommodation	> 2500 T accommodation capacity

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

A2.1 The licence applies to the following premises:

Premises Details
MYOLA FEEDLOT
CROPPA CREEK ROAD
NORTH STAR
NSW 2408
COUNTY OF BURNETT (PARISH OF TULLIN TULLA, PARISH OF MURGO)

A2.2 In relation to A2.1 the premises includes Lots 1 & 2 in Deposited Plan No. 1207129, (only registered on 14 April 2015 so spatial data could not be verified for inclusion under condition A2.1). It also includes the utilisation areas labelled as EPA Points 7, 8 and 9 (paddocks A, B, C & K) on map titled "Myola Feedlot Pty Ltd Site Plan" dated 16.06.03.

### A3 Other activities

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

Ancillary Activity
Feedmill - processing of grains and roughage for animal feed
Landfill - disposal of dead animals

### A4 Information supplied to the EPA

A4.1 Works and activities must be carried out in accordance with the proposal contained in the licence

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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.

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

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

- P1.1 The following utilisation areas referred to in the table below are identified in this licence for the purposes of the monitoring and/or the setting of limits for any application of solids or liquids to the utilisation area.
- P1.2 The following points referred to in the table are identified in this licence for the purposes of the monitoring and/or the setting of limits for discharges of pollutants to water from the point.

#### *Water and land*

EPA Identification no.	Type of Monitoring Point	Type of Discharge Point	Location Description
1	Effluent quality monitoring Discharge to utilisation area	Effluent quality monitoring Discharge to utilisation area	Effluent holding pond and irrigation pump labelled as EPA Point 1 on map titled "Myola Feedlot Pty Ltd Site Plan" dated 16.06.03.
2	Wet weather discharge Discharge quality monitoring	Wet weather discharge Discharge quality monitoring	Spillway from effluent holding pond labelled as EPA Point 2 on map titled "Myola Feedlot Pty Ltd Site Plan" dated 16.06.03.
3	Effluent quality monitoring		Terminal pond 1 (servicing the flood EUA) labelled as EPA Point 3 on map titled "Myola Feedlot Pty Ltd Site Plan" dated 16.06.03.
4	Wet weather discharge Discharge quality monitoring	Wet weather discharge Discharge quality monitoring	Spillway for terminal pond 1 (servicing the flood EUA) labelled as EPA Point 4 on map titled "Myola Feedlot Pty Ltd Site Plan" dated 16.06.03.
5	Water quality monitoring		Terminal pond 2 (servicing the fresh water irrigation pivot) labelled as EPA Point 5 on map titled "Myola Feedlot Pty Ltd Site Plan" dated 16.06.03.

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6	Discharge quality monitoring	Spillway for terminal pond 2 (servicing the fresh water irrigation pivot area) labelled as EPA Point 6 on map titled "Myola Feedlot Pty Ltd Site Plan" dated 16.06.03.
7	Soil quality monitoring Mass monitoring	Effluent utilisation area 1 (flood irrigation) labelled as EPA Point 7 on map titled "Myola Feedlot Pty Ltd Site Plan" dated 16.06.03.
8	Soil quality monitoring Mass monitoring	Effluent utilisation area 2 (pivot irrigation) labelled as EPA Point 8 on map titled "Myola Feedlot Pty Ltd Site Plan" dated 16.06.03.
9	Soil quality monitoring Mass monitoring	Manure utilisation area consisting of 4 management units (Paddocks A, B, C & K) labelled as EPA Point 9 on map titled "Myola Feedlot Pty Ltd Site Plan and Monitoring Points " provided to DEC in licence variation application dated 17/12/04.
10	Manure quality monitoring Mass monitoring	Manure stockpile and composting area labelled as EPA Point 10 on map titled "Myola Feedlot Pty Ltd Site Plan" dated 16.06.03.
12	Groundwater quality monitoring	Groundwater monitoring bore 2 labelled as EPA Point 12 on map titled "Myola Feedlot Pty Ltd Site Plan" dated 16.06.03.
13	Surface water quality monitoring	Surface water monitoring in Yallaroi Creek (upstream) labelled as EPA Point 13 on map titled "Myola Feedlot Pty Ltd Site Plan" dated 16.06.03.
14	Surface water quality monitoring	Surface water monitoring in Yallaroi Creek (downstream) labelled as EPA Point 14 on map titled "Myola Feedlot Pty Ltd Site Plan" dated 16.06.03.

## Weather monitoring

P1.3 The following point(s) in the table are identified in this licence for the purpose of the monitoring of weather parameters at the point.

EPA identification number	Type of Monitoring Point	Description of Location
15	Weather analysis	Weather monitoring station on Myola Feedlot labelled as EPA Point 15 on map titled "Myola Feedlot Pty Ltd Site Plan" dated 16.06.03



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## 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 Volume and mass limits

L2.1 For the point identified below, no discharge to waters is permitted unless the specified volume of runoff is exceeded.

Point	Specified volume of runoff
2	Either:
	the runoff volume from the controlled drainage area draining to the effluent holding pond from a 1 in 20 year, 24 hour storm event, using volumetric runoff coefficients of 0.8 for the feedlot pens, roadways and other hard stand areas and 0.4 for grassed areas within the controlled drainage area;
	OR
	the runoff volume from the controlled drainage area in a 90 percentile wet year determined from a water balance, calculated using, no longer than average monthly evaporation losses from the ponds, monthly withdrawals for irrigation, daily (or weekly) input data and using volumetric runoff coefficients of 0.4;
	whichever is the greater.
4	The runoff volume from the effluent utilisation area draining to the terminal pond from a 1 in 20 year, 24 hour storm event.

L2.2 For the purposes of this licence:

- a) Australian Rainfall and Runoff Data and rainfall data from the Australian Bureau of Meteorology for the premises is to be used to calculate the volume of runoff from a 1 in 20 year, 24 hour storm event and 90% percentile wet year;
- b) the controlled drainage area consists of the feedlot pens, manure storage area, feed processing area and silage storage area defined on map titled Myola Feedlot Pty Ltd Site Plan dated 16.06.03; and
- c) the effluent utilisation area means the flood effluent utilisation area (labelled as EPA Point 7) on map titled Myola Feedlot Pty Ltd Site Plan dated 16.06.03.

### L3 Waste

L3.1 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

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premises to be disposed of at the premises, except as expressly permitted by the licence.

- L3.2 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.

## **L4 Potentially offensive odour**

- L4.1 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.

## **L5 Other limit conditions**

- L5.1 The total number of cattle accommodated within the feedlot pens on the premises, at any one time, must not exceed 20 000.

## **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.

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## **O4 Effluent application to land**

- O4.1 Effluent application must not occur in a manner that causes surface runoff.
- O4.2 Spray from effluent application must not drift beyond the boundary of the premises.
- O4.3 Livestock access to any effluent application area must be denied during irrigation and until the applied effluent has dried.
- O4.4 The licensee must retain the utilisation area.
- O4.5 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 purposes 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.

## **O5 Processes and management**

- O5.1 The holding ponds must be maintained to ensure that sedimentation does not reduce their capacity by more than 20% of the design capacity.
- O5.2 The feedlot pen surface must be maintained to prevent infiltration.
- O5.3 Solids must be stored on an impermeable pad within the controlled drainage area..

## **O6 Waste management**

- O6.1 If solids are removed from the premises, the licensee must record:
  - a) the date of removing the solids;
  - b) the estimated weight of the solids removed; and
  - c) the identity of the person removing the solids.

# **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
  - c) produced in a legible form to any authorised officer of the EPA who asks to see them.

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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 Water and/ or Land Monitoring Requirements

### POINT 1,3,5

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	Every 6 months	In situ
Magnesium	milligrams per litre	Every 6 months	Representative sample
Nitrate	milligrams per litre	Every 6 months	Representative sample
Nitrogen (ammonia)	milligrams per litre	Every 6 months	Representative sample
Nitrogen (total)	milligrams per litre	Every 6 months	Representative sample
pH	pH	Every 6 months	In situ
Phosphorus (total)	milligrams per litre	Every 6 months	Representative sample
Potassium	milligrams per litre	Every 6 months	Representative sample
Reactive Phosphorus	milligrams per litre	Every 6 months	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

### POINT 2,4,6

Pollutant	Units of measure	Frequency	Sampling Method
Conductivity	microsiemens per centimetre	Each overflow event	In situ
Nitrate	milligrams per litre	Each overflow event	Representative sample
Nitrogen (ammonia)	milligrams per litre	Each overflow event	Representative sample
Nitrogen (total)	milligrams per litre	Each overflow event	Representative sample

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pH	pH	Each overflow event	In situ
Phosphorus (total)	milligrams per litre	Each overflow event	Representative sample
Reactive Phosphorus	milligrams per litre	Each overflow event	Representative sample
Total suspended solids	milligrams per litre	Each overflow event	Representative sample

## POINT 7,8

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 9

Pollutant	Units of measure	Frequency	Sampling Method
Aggregate stability	As approp.	Special Frequency 1	Special Method 1
Available phosphorus	milligrams per kilogram	Special Frequency 1	Special Method 1
Bulk density	kilograms per cubic metre	Special Frequency 1	Special Method 1
Cation Exchange Capacity	centimoles of positive charge per kilogram of soil	Special Frequency 1	Special Method 1
Chloride	milligrams per kilogram	Special Frequency 1	Special Method 1
Conductivity	microsiemens per centimetre	Special Frequency 1	Special Method 1

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Exchangeable calcium	centimoles of positive charge per kilogram of soil	Special Frequency 1	Special Method 1
Exchangeable magnesium	centimoles of positive charge per kilogram of soil	Special Frequency 1	Special Method 1
Exchangeable potassium	centimoles of positive charge per kilogram of soil	Special Frequency 1	Special Method 1
Exchangeable sodium	centimoles of positive charge per kilogram of soil	Special Frequency 1	Special Method 1
Exchangeable sodium percentage	percent	Special Frequency 1	Special Method 1
Nitrate	milligrams per kilogram	Special Frequency 1	Special Method 1
Nitrogen (total)	milligrams per kilogram	Special Frequency 1	Special Method 2
Organic carbon	percent	Special Frequency 1	Special Method 2
pH	pH	Special Frequency 1	Special Method 1
Phosphorus Sorption Capacity	phosphorus sorption capacity of soil	Special Frequency 1	Special Method 1
Sodium Adsorption Ratio	sodium adsorption ratio	Special Frequency 1	Special Method 1

## POINT 10

Pollutant	Units of measure	Frequency	Sampling Method
Calcium	milligrams per kilogram	Special Frequency 2	Representative sample
Chloride	milligrams per kilogram	Special Frequency 2	Representative sample
Conductivity	microsiemens per centimetre	Special Frequency 2	Representative sample
Magnesium	milligrams per kilogram	Special Frequency 2	Representative sample
Nitrate	milligrams per kilogram	Special Frequency 2	Representative sample
Nitrogen (total)	milligrams per kilogram	Special Frequency 2	Representative sample
Organic carbon	percent	Special Frequency 2	Representative sample
pH	pH	Special Frequency 2	Representative sample
Phosphorus (total)	milligrams per kilogram	Special Frequency 2	Representative sample
Potassium	milligrams per kilogram	Special Frequency 2	Representative sample
Sodium	milligrams per kilogram	Special Frequency 2	Representative sample
Sodium Adsorption Ratio	sodium adsorption ratio	Special Frequency 2	Representative sample
Sulfur	milligrams per kilogram	Special Frequency 2	Representative sample

## POINT 12

Pollutant	Units of measure	Frequency	Sampling Method
Conductivity	microsiemens per centimetre	Every 6 months	In situ
Nitrate	milligrams per litre	Every 6 months	Representative sample
Nitrogen (ammonia)	milligrams per litre	Every 6 months	Representative sample
Nitrogen (total)	milligrams per litre	Every 6 months	Representative sample
pH	pH	Every 6 months	In situ
Phosphorus (total)	milligrams per litre	Every 6 months	Representative sample

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Reactive Phosphorus	milligrams per litre	Every 6 months	Representative sample
Standing Water Level	metres	Every 6 months	In situ

## POINT 13,14

Pollutant	Units of measure	Frequency	Sampling Method
Chloride	milligrams per litre	Special Frequency 3	Representative sample
Conductivity	microsiemens per centimetre	Special Frequency 3	In situ
Flow	cubic metres per second	Special Frequency 3	Estimate
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
Potassium	milligrams per litre	Special Frequency 3	Representative sample
Reactive Phosphorus	milligrams per litre	Special Frequency 3	Representative sample
Total Kjeldahl Nitrogen	milligrams per litre	Special Frequency 3	Representative sample
Total suspended solids	milligrams per litre	Special Frequency 3	Representative sample

- M2.3 For the purposes of the table(s) above Special Frequency 1 means the collection of samples shall occur prior to manure application and at least once every three (3) years.
- M2.4 For the purposes of the table(s) above Special Frequency 2 means the collection of samples shall occur prior to the application of solids to the manure utilisation area.
- M2.5 For the purposes of the table(s) above Special Frequency 3 means the collection of samples shall occur after each overflow event from the holding pond (EPA Point 1) and/or terminal ponds (EPA Points 3 and 5) and at least every six (6) months.
- M2.6 For the purposes of the table(s) above Special Method 1 means that, for each paddock (within the EUA or MUA), representative composite samples must be taken of: (a) top soils; and (b) sub soils.
- M2.7 For the purposes of the table(s) above Special Method 2 means that, for each paddock (within the EUA or MUA), representative composite samples must be taken of the topsoil.
- M2.8 For the purposes of the table(s) above, monitoring at points 1, 3, 5, 12, 13, and 14 is not required when the monitoring point or bore is dry or inadequate water is available to collect a sample.

## M3 Testing methods - concentration limits

- M3.1 Subject to any express provision to the contrary in this licence, monitoring for the concentration of a pollutant discharged to waters or applied to a utilisation area must be done in accordance with the

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Approved Methods Publication unless another method has been approved by the EPA in writing before any tests are conducted.

## M4 Weather monitoring

M4.1 For each monitoring point specified in the table below, the licensee must monitor (by sampling and obtaining results by analysis) the parameters specified in Column 1. The licensee must use the sampling method, units of measure, averaging period and sample at the frequency, specified opposite in the other columns.

### Point 15

Parameter	Units of Measure	Frequency	Averaging Period	Sampling Method
Air temperature	°C	Continuous	1 hour	AM-4
Wind direction	°	Continuous	15 minute	AM-2 & AM-4
Wind speed	m/s	Continuous	15 minute	AM-2 & AM-4
Sigma theta	°	Continuous	15 minute	AM-2 & AM-4
Rainfall	mm	Continuous	24 hour	AM-4
Evaporation	mm	Continuous	24 hour	Instrument calculation or approved BoM station data

## 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.



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## 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.
- 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 1

Frequency	Unit of Measure	Sampling Method
Daily during any discharge	kilolitres per day	By Calculation (volume flow rate or pump capacity multiplied by operating time)

### POINT 7

Frequency	Unit of Measure	Sampling Method
Yearly	kilograms per hectare	Special Method 3

### POINT 8

Frequency	Unit of Measure	Sampling Method
Yearly	kilograms per hectare	Special Method 3

### POINT 9

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

### POINT 10

Frequency	Unit of Measure	Sampling Method
Yearly	tonnes	Special Method 5

- M7.2 For the purposes of the table(s) above Special Method 3 means that the mass of:

- nutrients (Total Phosphorus, Total Nitrogen and Potassium) applied to the Effluent Utilisation Areas; and
- crop yield (dry matter) and nutrients removed (Total Phosphorus, Total Nitrogen and Potassium) from

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the Effluent Utilisation Areas;

are to be monitored.

For the purposes of the table(s) above Special Method 4 means that the mass of:

3. manure (dry matter) and nutrient (Total Phosphorus, Total Nitrogen and Potassium) applied to each management area of the Manure Utilisation Area; and
4. crop yield (dry matter) and nutrients removed (Total Phosphorus, Total Nitrogen and Potassium) for each management area of the Manure Utilisation Area;

are to be monitored.

For the purposes of the table(s) above Special Method 5 means that the amount of solids taken from the manure stockpile (labelled as EPA Point 10 on map titled "Myola Feedlot Pty Ltd Site Plan" dated 16.06.03) shall be recorded.

## **M8 Other monitoring and recording conditions**

### **Testing methods - monitoring concentration of pollutants discharged**

M8.1 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:

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

## **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:

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- 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 **Monitoring report**

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 Contact number for incidents and responsible employees

- G2.1 The licensee must operate one 24-hour telephone contact line for the purpose of enabling the EPA:
- a) to contact the licensee or a representative of the licensee who can respond at all times to incidents relating to individual premises, and

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- b) to contact the licensee's senior employees or agents authorised at all times to:
  - i) speak on behalf of the licensee, and
  - ii) provide any information or document required under licence.

G2.2 The licensee is to inform the EPA of the contact number within 3 months of this condition taking effect.

## **G3 Signage**

G3.1 Each monitoring and discharge point must be clearly marked by a sign that indicates the EPA point identification number.

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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: 14-May-2001



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## End Notes

- 1 Licence varied by notice 1023048, issued on 21-Nov-2003, which came into effect on 16-Dec-2003.
- 2 Licence varied by notice 1038930, issued on 07-Jan-2005, which came into effect on 01-Feb-2005.
- 3 Licence varied by notice 1044988, issued on 04-Apr-2005, which came into effect on 29-Apr-2005.
- 4 Licence varied by notice 1053666, issued on 05-Dec-2005, which came into effect on 30-Dec-2005.
- 5 Licence varied by notice 1063112, issued on 03-Oct-2006, which came into effect on 03-Oct-2006.
- 6 Condition A1.3 Not applicable varied by notice issued on <issue date> which came into effect on <effective date>
- 7 Licence varied by correction to scheduled activity name, issued on 03-Mar-2011, which came into effect on 03-Mar-2011.
- 8 Licence varied by notice 1505930 issued on 06-Jun-2012
- 9 Licence varied by notice 1530909 issued on 16-Jul-2015
- 10 Licence transferred through application 1533950 approved on 15-Sep-2015 , which came into effect on 15-Sep-2015
- 11 Licence varied by notice 1547100 issued on 19-Dec-2016