



# Environment Protection Licence

Licence - 1461

Licence Details	
Number:	1461
Anniversary Date:	01-December

Licensee
NORTHERN CO-OPERATIVE MEAT COMPANY LTD
PO BOX 379
CASINO NSW 2470

Premises
NORTHERN CO-OPERATIVE MEAT COMPANY LTD
10615 SUMMERLAND WAY
CASINO NSW 2470

Scheduled Activity
Livestock processing activities

Fee Based Activity	Scale
Rendering or fat extraction	> 4000 T annual production capacity
Slaughtering or processing animals	> 30000 T annual processing capacity
Tanneries or fellmongeries	> 10000 T annual processing capacity

Region
Regional North - Grafton
NSW Govt Offices, 49 Victoria Street
GRAFTON NSW 2460
Phone: (02) 6640 2500
Fax: (02) 6642 7743
PO Box 498
GRAFTON NSW 2460



# Environment Protection Licence

Licence - 1461

<b>INFORMATION ABOUT THIS LICENCE</b>	4
Dictionary	4
Responsibilities of licensee	4
Variation of licence conditions	4
Duration of licence	4
Licence review	4
Fees and annual return to be sent to the EPA	4
Transfer of licence	5
Public register and access to monitoring data	5
<b>1 ADMINISTRATIVE CONDITIONS</b>	6
A1 What the licence authorises and regulates	6
A2 Premises or plant to which this licence applies	6
A3 Other activities	6
A4 Information supplied to the EPA	7
<b>2 DISCHARGES TO AIR AND WATER AND APPLICATIONS TO LAND</b>	7
P1 Location of monitoring/discharge points and areas	7
<b>3 LIMIT CONDITIONS</b>	9
L1 Pollution of waters	9
L2 Volume and mass limits	9
L3 Waste	9
<b>4 OPERATING CONDITIONS</b>	9
O1 Activities must be carried out in a competent manner	9
O2 Maintenance of plant and equipment	10
O3 Dust	10
O4 Effluent application to land	10
O5 Processes and management	10
<b>5 MONITORING AND RECORDING CONDITIONS</b>	11
M1 Monitoring records	11
M2 Requirement to monitor concentration of pollutants discharged	11
M3 Testing methods - concentration limits	14
M4 Weather monitoring	14
M5 Recording of pollution complaints	14
M6 Telephone complaints line	15
M7 Requirement to monitor volume or mass	15
<b>6 REPORTING CONDITIONS</b>	15



# Environment Protection Licence

Licence - 1461

R1	Annual return documents	15
R2	Notification of environmental harm	16
R3	Written report	17
R4	Other reporting conditions	17
<b>7</b>	<b>GENERAL CONDITIONS</b>	<b>18</b>
G1	Copy of licence kept at the premises or plant	18
G2	Signage	18
<b>8</b>	<b>POLLUTION STUDIES AND REDUCTION PROGRAMS</b>	<b>18</b>
U1	EC Treatment of CHT Wastewater and Combined Effluent Streams	18
U2	345ha Under Cut and Cart Cropping	19
U3	Wet Weather Storage Capacity	19
U4	Revised MEDLI Modelling	19
<b>9</b>	<b>SPECIAL CONDITIONS</b>	<b>19</b>
E1	Management of Effluent Treatment Ponds	19
<b>DICTIONARY</b>		<b>20</b>
	General Dictionary	20

# Environment Protection Licence

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Licence - 1461

## 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).



# Environment Protection Licence

Licence - 1461

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:

NORTHERN CO-OPERATIVE MEAT COMPANY LTD
PO BOX 379
CASINO NSW 2470

subject to the conditions which follow.

# Environment Protection Licence

Licence - 1461

## 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 processing activities	Rendering or fat extraction	> 4000 T annual production capacity
Livestock processing activities	Slaughtering or processing animals	> 30000 T annual processing capacity
Livestock processing activities	Tanneries or fellmongeries	> 10000 T annual processing capacity

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

A2.1 The licence applies to the following premises:

Premises Details
NORTHERN CO-OPERATIVE MEAT COMPANY LTD
10615 SUMMERLAND WAY
CASINO
NSW 2470
LOT 2 DP 215499, LOT 1 DP 218608, LOT 2 DP 218608, LOT 2 DP 729431, LOT 1 DP 772608, LOT 336 DP 821985, LOT 3 DP 1164153, LOT 22 DP 1172525
PARISH OF NORTH CASINO, COUNTY OF ROUS NOTE: LOT 22 DP 1172525 CORRELATES TO THE SAME AREA AS LOT 2 DP 1164153

A2.2 In relation to A2.1 the premises also includes the effluent utilisation area known as Lot 1 DP755727, Lot 2 DP739216, Lot 214 DP1139328, Part Lots 110, 129 and Lots 60, 67, 85, 92, 95, 96, 97, 98, 99, 126, 147, 231, 248, 264, 285, 286, 288, & 292 DP755727, Lots 1 & 2 DP1082446, Lot 3 & 4 DP568056, Lot 3 DP597893, Lot 1 DP772396 and Lot 6 DP 1131908. Parish of North Casino, County of Rous and referred to on the map and premises list supplied by the licensee on 14 May 2003 and an addendum supplied by email on 15 February 2016 filed on EF13/3376.

### A3 Other activities

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

# Environment Protection Licence

Licence - 1461

## Ancillary Activity

Composting and Related Reprocessing or Treatment

### A4 Information supplied to the EPA

- A4.1 Works and activities must be carried out in accordance with the proposal contained in the licence application, except as expressly provided by a condition of this licence.

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

- a) the applications for any licences (including former pollution control approvals) which this licence replaces under the Protection of the Environment Operations (Savings and Transitional) Regulation 1998; 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	ABATTOIR- volume monitoring of wastewater discharged to utilisation areas.		Volume of abattoir effluent irrigated to utilisation areas identified in Figure 2.1 in the Effluent Irrigation Management Plan, Casino Facility, Northern Co-operative Meat Company, submitted to the EPA on 2 February 2017 (the EIMP).
2	TANNERY - volume monitoring of wastewater discharged to utilisation areas.		Volume of tannery effluent irrigated to the utilisation areas identified in Figure 2.1 in the EIMP.
3	Soil quality monitoring		Soil sampling zones identified in Figure 7.3 in the EIMP.
4	Effluent quality monitoring- ABATTOIR WASTEWATER		Effluent dams identified in Figure 2.1 in the EIMP.

# Environment Protection Licence

Licence - 1461

5	Effluent Quality Monitoring - TANNERY WASTEWATER	Tannery Wastewater storage tanks located adjacent to the main shed at San Marla farm.
6	Groundwater monitoring bore	Groundwater bore identified as GW1 in Figure 7.2 in the EIMP.
7	Surface water - Background water quality of Bultitudes Creek tributary prior to entry to wastewater utilisation area	Upstream surface water monitoring point identified as SW1 in Figure 7.1 in the EIMP.
8	Surface Water - Background water quality at Saville's Road West - Purcell's Creek tributary prior to entering wastewater utilisation area	Upstream surface water monitoring point identified as SW2 in Figure 7.1 in the EIMP.
9	Surface Water - Swamp Creek downstream of effluent utilisation area.	Downstream surface water monitoring point identified as SW5 in Figure 7.1 in the EIMP.
10	Surface water - Barlings Creek downstream of wastewater utilisation area	Downstream surface water monitoring point identified as SW6 in Figure 7.1 in the EIMP.
11	Background surface water quality at Rosewood Avenue causeway prior to entering the utilisation area.	Background surface water monitoring point identified as SW3 in Figure 7.1 in the EIMP.
12	Surface water - background water quality monitoring Piccoli Swamp prior to entry into the utilisation area.	Background surface water monitoring point identified as SW4 in Figure 7.1 in the EIMP.
13	Downstream surface water monitoring - Crittenden Lagoon	Downstream surface water monitoring point identified as SW7 in Figure 7.1 in the EIMP.
14	Downstream surface water monitoring at the Bridge that crosses Swamp Creek in the centre of San Marla farm.	Downstream surface water monitoring point identified as SW8 in Figure 7.1 in the EIMP.
16	Groundwater monitoring bore.	Groundwater bore identified as GW2 in Figure 7.2 in the EIMP.
17	Groundwater monitoring bore.	Groundwater bore identified as GW3 in Figure 7.2 in the EIMP.
18	Groundwater monitoring bore.	Groundwater bore identified as GW4 in Figure 7.2 in the EIMP.
19	Groundwater monitoring bore.	Groundwater bore identified as GW5 in Figure 7.2 in the EIMP.
20	Volume monitoring of abattoir and tannery effluent irrigated to utilisation areas	Effluent irrigation utilisation zones identified in Table 2.1 and Table 2.2 in the EIMP.

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



# Environment Protection Licence

Licence - 1461

## Noise/Weather

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

## 3 Limit Conditions

### L1 Pollution of waters

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

### L2 Volume and mass limits

- L2.1 For each discharge point or utilisation area specified below (by a point number), the volume/mass of:
- a) liquids discharged to water; or;
  - b) solids or liquids applied to the area;
- must not exceed the volume/mass limit specified for that discharge point or area.

Point	Unit of Measure	Volume/Mass Limit
20	megalitres	89.1

### 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, excluding the following:
- a) wood waste,
  - b) macadamia nutshell,
  - c) raw materials received for rendering in the by-products area, and
  - d) waste activated sludge for composting trials associated with the wastewater upgrade (PRP).

## 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

# Environment Protection Licence

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Licence - 1461

activity.

## **O2 Maintenance of plant and equipment**

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

## **O3 Dust**

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

## **O4 Effluent application to land**

- O4.1 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 Public access to any effluent utilisation area must be denied during effluent application and until the effluent application area has dried.
- O4.4 Irrigation of wastewater must not be carried out within 50 metres of any watercourse.
- 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 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.

Note: For the purpose of compliance with condition O4.5 the licensee's implementation of the works and measures identified in the pollution reduction programs identified in conditions U1 through U8 inclusive will be taken into consideration. The licensee must be in a position to demonstrate compliance with condition O4.5 as from midnight 30 June 2020.

- O4.6 The licensee must retain the utilisation area.

## **O5 Processes and management**

- O5.1 The holding pen surface must be maintained to prevent infiltration.

# Environment Protection Licence

Licence - 1461

## 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.
- 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 Water and/ or Land Monitoring Requirements

#### POINT 3

Pollutant	Units of measure	Frequency	Sampling Method
Aluminium	milligrams per kilogram	Yearly	Special Method 1
Available phosphorus	milligrams per kilogram	Every 3 years	Special Method 1
Calcium	milligrams per kilogram	Yearly	Special Method 1
Cation Exchange Capacity	centimoles per kilogram	Yearly	Special Method 1
Chloride	milligrams per kilogram	Yearly	Special Method 1
Chromium (hexavalent)	milligrams per kilogram	Yearly	Special Method 1
Chromium (total)	milligrams per kilogram	Yearly	Special Method 1
Electrical conductivity	deciSiemens per metre	Yearly	Special Method 1
Exchangeable sodium percentage	centimoles per kilogram	Yearly	Special Method 1
Magnesium	centimoles per kilogram	Yearly	Special Method 1
Nitrate	milligrams per kilogram	Yearly	Special Method 1
Nitrogen (total)	milligrams per kilogram	Yearly	Special Method 1

# Environment Protection Licence

Licence - 1461

pH	pH	Yearly	Special Method 1
Phosphorus (total)	milligrams per kilogram	Yearly	Special Method 1
Phosphorus Sorption Capacity	phosphorus sorption capacity of soil	Every 3 years	Special Method 1
Sodium	milligrams per kilogram	Yearly	Special Method 1

## POINT 4

Pollutant	Units of measure	Frequency	Sampling Method
BOD	milligrams per litre	Quarterly	Grab sample
Conductivity	microsiemens per centimetre	Quarterly	In situ
Nitrogen (total)	milligrams per litre	Quarterly	Grab sample
Oil and Grease	milligrams per litre	Quarterly	Grab sample
pH	pH	Quarterly	In situ
Phosphorus (total)	milligrams per litre	Quarterly	Grab sample
Total suspended solids	milligrams per litre	Quarterly	Grab sample

## POINT 5

Pollutant	Units of measure	Frequency	Sampling Method
BOD	milligrams per litre	Quarterly	Grab sample
Chromium (hexavalent)	milligrams per litre	Every 6 months	Grab sample
Chromium (total)	milligrams per litre	Every 6 months	Grab sample
Conductivity	microsiemens per centimetre	Quarterly	In situ
Nitrogen (total)	milligrams per litre	Quarterly	Grab sample
Oil and Grease	milligrams per litre	Quarterly	Grab sample
pH	pH	Quarterly	In situ
Phosphorus (total)	milligrams per litre	Quarterly	Grab sample
Total dissolved solids	milligrams per litre	Quarterly	Grab sample
Total suspended solids	milligrams per litre	Quarterly	Grab sample

## POINT 6,16,17,18,19

Pollutant	Units of measure	Frequency	Sampling Method
Chloride	milligrams per litre	Every 6 months	Representative sample
Chromium (total)	milligrams per litre	Every 6 months	Representative sample
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
Phosphate	milligrams per litre	Every 6 months	Representative sample

# Environment Protection Licence

Licence - 1461

Phosphorus (total)	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
Standing Water Level	metres	Every 6 months	In situ

## POINT 7,8,9,10,11,12,13,14

Pollutant	Units of measure	Frequency	Sampling Method
BOD	milligrams per litre	Special Frequency 1	Representative sample
Conductivity	milligrams per litre	Special Frequency 1	In situ
Faecal Coliforms	colony forming units per 100 millilitres	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
pH	pH	Special Frequency 1	In situ
Total Phosphorus - filtered sample	milligrams per litre	Special Frequency 1	Representative sample

M2.3 For the purposes of condition M2.2 Special Frequency 1 means the following frequency for surface water sampling:

a) quarterly sampling of surface waters; and

b) additional representative samples of surface water flows as a result of wet weather runoff occurring from the effluent reuse areas on the premises. The additional wet weather runoff samples must be:

- taken within 24 hours of a wet weather flows commencing, and
- taken once a month, unless there are no instances of wet weather runoff during the month

For the purposes of compliance with condition M2.2 Special Frequency 1 for quarterly surface water sampling, the licensee is deemed not to be in non-compliance with condition M2.2 if there is inadequate surface water available at Points 7, 8, 9, 10, 11, 12, 13 & 14 to obtain a representative quarterly sample. Evidence of the lack of adequate surface water at the sample point must be documented by the licensee and this documentation submitted with the annual return report.

M2.4 For the purposes of condition M2.2 Special Method 1 means soil sampling must be undertaken in accordance with the following requirements set out in the Environmental Guideline. 'Use of Effluent by Irrigation' (DEC 2004).

For future and profile soil samples at each location identified in condition M2.2:

- A composite soil sample of 40 soil cores per 1-2 hectares, taken at a depth of 0-10cm.
- Composite soil samples of 5 cores at four depth intervals to 1 metre, taken within a 5 metre diameter plot. The four depth intervals should fall within 0-20, 20-40, 40-70 and 70-100cm depth increments, and be position within major soil horizon layers.

# Environment Protection Licence

Licence - 1461

## M3 Testing methods - concentration limits

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

## M4 Weather monitoring

- M4.1 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.

### POINT 15

Parameter	Sampling method	Units of measure	Averaging period	Frequency
Temperature at 2 metres	Continuously	degrees Celsius	-	Continuous
Rainfall	Continuously	millimetres	-	Continuous
Wind Speed	Continuously	metres per second	-	Continuous
Wind Direction at 10 metres	Continuously	Degrees	-	Continuous

## 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.

# Environment Protection Licence

Licence - 1461

## 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	kilolitres	In line instrumentation

### POINT 2

Frequency	Unit of Measure	Sampling Method
Daily	kilolitres	In line instrumentation

### POINT 20

Frequency	Unit of Measure	Sampling Method
Continuous during discharge	megalitres per month	By Calculation (volume flow rate or pump capacity multiplied by operating time)

## 6 Reporting Conditions

### R1 Annual return documents

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

# Environment Protection Licence

Licence - 1461

At the end of each reporting period, the EPA will provide to the licensee notification that the Annual Return is due.

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

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

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

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

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

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

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

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

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

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

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

## R2 Notification of environmental harm

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

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

Note: The licensee or its employees must notify all relevant authorities of incidents causing or threatening material harm to the environment immediately after the person becomes aware of the incident in accordance with the requirements of Part 5.7 of the Act.



# Environment Protection Licence

Licence - 1461

## 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.

## R4 Other reporting conditions

- R4.1 For the purposes of quarterly surface water sampling identified in condition M2.1, the licensee must submit a copy of the sample results to the EPA within 10 working days of the licensee receiving the sampling results when:
- A water quality objective (WQO) exceedance relates to samples of runoff directly from the premises (i.e. where there is no identified upstream source); or
  - If the WQO's are exceeded in downstream sample results when upstream sample results meet the objectives; or
  - If downstream water sample results are significantly elevated above upstream sample results.
- R4.2 All rainfall event-based surface water sampling results must be submitted to the EPA within 10 working days of the licensee receiving those results. The event-based sampling must record the time the sampling was undertaken and the time that rainfall commenced at the premises, as recorded by the onsite weather station.
- R4.3 To evaluate the performance of the effluent reuse scheme, the licensee must submit a report with the Annual Return that provides the following details for each cut and cart cropping zone identified in the

# Environment Protection Licence

Licence - 1461

document titled *'Effluent Irrigation Management Plan, Casino Facility, Northern Co-operative Meat Company, January 2017'*:

- Crop yield (dry matter) in kilograms per hectare; and
- Nutrients (total phosphorus, total nitrogen and potassium) removed in kilograms per hectare of harvested crop.

## 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.
- G2.2 Condition G2.1 does not apply until 3 months after:
- a) the date of the issue of this licence; or
  - b) if this licence is a replacement licence within the meaning of the Protection of the Environment Operations (Savings and Transitional) Regulation 1998, the date on which a copy of the licence was served on the licensee under clause 10 of that regulation.

## 8 Pollution Studies and Reduction Programs

### U1 EC Treatment of CHT Wastewater and Combined Effluent Streams

- U1.1 Commissioning of the electro-coagulation treatment system must be completed by 30 June 2021.
- U1.2 Implementation of combined abattoir and tannery effluent flows must be completed by 31 July 2021.
- U1.3 Prior to 31 August 2021 the licensee must submit a report to the EPA that details the treatment performance and effectiveness of the electro-coagulation treatment system. The report must also detail whether any additional effluent treatment measures are necessary, post combined abattoir and tannery effluent flows, and make any necessary recommendations as to the identification and implementation of those additional effluent treatment measures.

# Environment Protection Licence

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Licence - 1461

## **U2 345ha Under Cut and Cart Cropping**

- U2.1 By 30 November 2020 the licensee must have established 345 hectares of area, used for effluent irrigation purposes on the premises, under a cut and cart cropping regime.
- U2.2 By 31 August 2021 the licensee must submit written confirmation to the EPA that 345 hectares of area, used for effluent irrigation purposes on the premises, has been placed under a cut and cart cropping regime.

## **U3 Wet Weather Storage Capacity**

- U3.1 By the 30 November 2020 a new 90ML wet weather storage dam, as referred to in development application DA2020/0121, must be constructed and operational.
- U3.2 By 31 August 2021 a report must be submitted to the EPA confirming the new 90ML wet weather storage dam has been constructed and the dam is operational. The report must also detail the total volume of dedicated wet weather storage capacity the licensee has available to manage rainfall influences on the effluent irrigation system.

## **U4 Revised MEDLI Modelling**

- U4.1 Prior to 29 April 2022 the licensee must submit a report to the EPA detailing the findings from MEDLI modelling undertaken post the effluent management works implemented in response to PRP's U1, U2 and U3. The MEDLI modelling report must recommend actions and implementation timelines if the effluent irrigation systems performance is determined to be deficient in delivering sustainable hydraulic, salt and nutrient management performance in compliance with condition O4.5 of the licence.

## **9 Special Conditions**

### **E1 Management of Effluent Treatment Ponds**

- E1.1 All ponds used for the purposes of effluent treatment on the premises must be operated and maintained to a standard equivalent to the requirements detailed in the document titled: *'Wastewater Management in the Australian Red Meat Processing Industry Version 2, AMPC, 15th Feb 2017'*.



# Environment Protection Licence

Licence - 1461

## 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

# Environment Protection Licence

Licence - 1461

<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> .



# Environment Protection Licence

Licence - 1461

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

Mr David Cook

Environment Protection Authority

(By Delegation)

Date of this edition: 13-October-2000

# Environment Protection Licence

Licence - 1461

## End Notes

- 1 Licence varied by notice 1003575, issued on 24-Jan-2001, which came into effect on 18-Feb-2001.
- 2 Licence varied by change from LGA 1650 to 6610, issued on 24-May-2001, which came into effect on 24-May-2001.
- 3 Licence varied by notice 1012870, issued on 12-Dec-2003, which came into effect on 06-Jan-2004.
- 4 Licence varied by notice 1041066, issued on 30-Sep-2004, which came into effect on 25-Oct-2004.
- 5 Licence varied by notice 1076210, issued on 06-Sep-2007, which came into effect on 06-Sep-2007.
- 6 Condition A1.3 Not applicable varied by notice issued on <issue date> which came into effect on <effective date>
- 7 Licence varied by notice 1092286, issued on 06-Feb-2009, which came into effect on 06-Feb-2009.
- 8 Licence varied by notice 1103840, issued on 08-Jul-2009, which came into effect on 08-Jul-2009.
- 9 Licence varied by notice 1121752, issued on 08-Feb-2011, which came into effect on 08-Feb-2011.
- 10 Licence varied by change to Scheduled Activity name, issued on 09-Feb-2011, which came into effect on 09-Feb-2011.
- 11 Licence varied by notice 1504681 issued on 14-Mar-2012
- 12 Licence varied by notice 1507038 issued on 29-Feb-2016
- 13 Licence varied by notice 1559241 issued on 14-May-2019
- 14 Licence varied by notice 1581912 issued on 26-Jul-2019
- 15 Licence varied by notice 1584070 issued on 19-Aug-2019
- 16 Licence varied by notice 1584208 issued on 19-Aug-2019
- 17 Licence varied by notice 1589456 issued on 24-Apr-2020
- 18 Licence varied by notice 1597326 issued on 24-Sep-2020
- 19 Licence varied by notice 1607074 issued on 11-Mar-2021