Section 55 Protection of the Environment Operations Act 1997

Environment Protection Licence

Licence Details	
Number:	22037
Anniversary Date:	24-June

Licensee
NICHOLE ANDREA VARLEY
1038 LOWER FINLEY RD
FINLEY NSW 2713

Premises
High Claire - Lot 130 / DP756353 Parish of Yalgadoori County of Townsend
58 BROUGHANS RD
PINE LODGE NSW 2714

Scheduled Activity (Act)	Licensing Fee Category (Regulation)	Scale
Livestock intensive activities - Cattle, sheep or horse accommodation	Cattle, sheep or horse accommodation	> 500 - 2500 T accommodation capacity

Environment Protection Licence

Contact Us

NSW EPA
6 Parramatta Square
10 Darcy Street
PARRAMATTA NSW 2150
Phone: 131 555
Email: info@epa.nsw.gov.au
Locked Bag 5022
PARRAMATTA NSW 2124

Contents

Information about this licence 4
Dictionary 4
Responsibilities of licensee 4
Variation of licence conditions 4
Duration of licence 4
Licence review 4
Fees and information to be sent to the EPA 4
Transfer of licence 5
Public register and access to monitoring data 5
1 Administrative Conditions 6
A1 What the licence authorises and regulates 6
A2 Premises or plant to which this licence applies 6
A3 Information supplied to the EPA 6
2 Discharges to Air and Water and Applications to Land 7
P1 Location of monitoring/discharge points and areas 7
3 Limit Conditions 12
L1 Pollution of waters 12
L2 Waste 12
L3 Noise limits 13
L4 Potentially offensive odour 13
L5 Other limit conditions 13
4 Operating Conditions 14
O1 Activities must be carried out in a competent manner 14

O2 Maintenance of plant and equipment 14
O3 Dust 14
O4 Effluent application to land 14
O5 Processes and management 15
O6 Other operating conditions 15
5 Monitoring and Recording Conditions 16
M1 Monitoring records 16
M2 Requirement to monitor concentration of pollutants discharged 16
M3 Testing methods - concentration limits 19
M4 Weather monitoring 20
M5 Recording of pollution complaints 21
M6 Telephone complaints line 21
6 Reporting Conditions 21
R1 Compliance, and annual reporting requirements 21
R2 Notification of environmental harm 23
R3 Written report 23
R4 Annual system performance report 23
7 General Conditions 24
G1 Copy of licence kept at the premises or plant 24
Dictionary 25
General Dictionary 25

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 information to be sent to the EPA

For each licence fee period you must pay:

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

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

The EPA publication "A Guide to Licensing" contains information about how to calculate your licence fees.

A licence subject to load-based licensing (LBL) requires an Annual Return to be submitted to the EPA, comprising a Statement of Compliance for Load Based Fee Calculation for each assessable pollutant required by the licence. The Annual Return must be submitted by the "due date", as defined in the dictionary at the end of the licence. Refer to the Annual Return reporting requirements under Section 6 "Reporting Conditions".

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:

Licensee
NICHOLE ANDREA VARLEY
1038 LOWER FINLEY RD
FINLEY NSW 2713

subject to the conditions which follow.

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 (Act) classification, Licensing Fee Category (Regulation) 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 (Act)	Licensing Fee Category (Regulation)	Scale
Livestock intensive activities - Cattle, sheep or horse accommodation	Cattle, sheep or horse accommodation	> 500 - 2500 T accommodation capacity

A2 Premises or plant to which this licence applies

A2.1 The licence applies to the following premises:

Premises Details
High Claire - Lot 130 / DP756353 Parish of Yalgadoori County of Townsend
58 BROUGHANS RD
PINE LODGE NSW 2714
LOT 130//DP756353

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.

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 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 Number	Type of Monitoring Point	Type of Discharge Point	Location Description
2	Effluent discharge volume and water quality monitoring	Effluent discharge volume and water quality monitoring	Point labelled "Holding Pond" on the map titled "Draft Operation Environmental Monitoring Management Plan Project Complex - Air Quality Monitoring Points" available at EPA record DOC25/476295
3	Soil quality monitoring		Point labelled "3. Effluent Utilisation Area Soil Monitoring Point" on map titled "Draft Operation Environmental Monitoring Management Plan Project Site - Effluent Utilisation Area Soil Monitoring Points" available at EPA record DOC25/476592
4	Soil quality monitoring		Point labelled "4. Effluent Utilisation Area Soil Monitoring Point" on map titled "Draft Operation Environmental Monitoring Management Plan Project Site - Effluent Utilisation Area Soil Monitoring

			Points" available at EPA record DOC25/476592
5	Soil quality monitoring		Point labelled "5. Effluent Utilisation Area Soil Monitoring Point" on map titled "Draft Operation Environmental Monitoring Management Plan Project Site - Effluent Utilisation Area Soil Monitoring Points" available at EPA record DOC25/476592
6	Soil quality monitoring		Point labelled "6. Effluent Utilisation Area Soil Monitoring Point" on map titled "Draft Operation Environmental Monitoring Management Plan Project Site - Effluent Utilisation Area Soil Monitoring Points" available at EPA record DOC25/476592
7	Soil quality monitoring		Point labelled "7. Solid Waste Utilisation Area Soil Monitoring Point" on map titled "Draft Operation Environmental Monitoring Management Plan Project Site - Solid Waste Utilisation Area Soil Monitoring Points" available at EPA record DOC25/476737
8	Soil quality monitoring		Point labelled "8. Solid Waste Utilisation Area Soil Monitoring Point" on map titled "Draft Operation Environmental Monitoring Management Plan Project Site - Solid Waste Utilisation Area Soil

			Monitoring Points" available at EPA record DOC25/476737
9	Soil quality monitoring		Point labelled "9. Solid Waste Utilisation Area Soil Monitoring Point" on map titled "Draft Operation Environmental Monitoring Management Plan Project Site - Solid Waste Utilisation Area Soil Monitoring Points" available at EPA record DOC25/476737
10	Soil quality monitoring		Point labelled "10. Solid Waste Utilisation Area Soil Monitoring Point" on map titled "Draft Operation Environmental Monitoring Management Plan Project Site - Solid Waste Utilisation Area Soil Monitoring Points" available at EPA record DOC25/476737
11	Soil quality monitoring		Point labelled "11. Solid Waste Utilisation Area Soil Monitoring Point" on map titled "Draft Operation Environmental Monitoring Management Plan Project Site - Solid Waste Utilisation Area Soil Monitoring Points" available at EPA record DOC25/476737
12	Soil quality monitoring		Point labelled "12. Solid Waste Utilisation Area Soil Monitoring Point" on map titled "Draft Operation Environmental Monitoring

			Management Plan Project Site - Solid Waste Utilisation Area Soil Monitoring Points" available at EPA record DOC25/476737
13	Soil quality monitoring		Point labelled "13. Solid Waste Utilisation Area Soil Monitoring Point" on map titled "Draft Operation Environmental Monitoring Management Plan Project Site - Solid Waste Utilisation Area Soil Monitoring Points" available at EPA record DOC25/476737
14	Surface water quality monitoring		Point labelled "Surface water monitoring point (upstream)" on the map titled "Draft Operation Environmental Monitoring Management Plan Project Complex - Surface Water Monitoring Points" available at EPA record DOC25/476851
15	Surface water quality monitoring		Point labelled "Surface water monitoring point (downstream)" on the map titled "Draft Operation Environmental Monitoring Management Plan Project Complex - Surface Water Monitoring Points" available at EPA record DOC25/476851
16	Groundwater quality monitoring		Groundwater Monitoring point labelled as point 1 on map titled "Draft Operation Environmental

			Monitoring Management Plan Project Complex - Groundwater Monitoring Points" available at EPA record DOC25/476902.
17	Groundwater quality monitoring		Groundwater Monitoring point labelled as point 2 on map titled "Draft Operation Environmental Monitoring Management Plan Project Complex - Groundwater Monitoring Points" available at EPA record DOC25/476902.
18	Groundwater quality monitoring		Groundwater Monitoring point labelled as point 3 on map titled "Draft Operation Environmental Monitoring Management Plan Project Complex - Groundwater Monitoring Points" available at EPA record DOC25/476902.
19	Groundwater quality monitoring		Groundwater Monitoring point labelled as point 4 on map titled "Draft Operation Environmental Monitoring Management Plan Project Complex - Groundwater Monitoring Points" available at EPA record DOC25/476902.
20	Groundwater quality monitoring		Groundwater Monitoring point labelled as point 5 on map titled "Draft Operation Environmental Monitoring Management Plan Project Complex - Groundwater Monitoring

			Points" available at EPA record DOC25/476902.
21	Groundwater quality monitoring		Groundwater Monitoring point labelled as point 6 on map titled "Draft Operation Environmental Monitoring Management Plan Project Complex - Groundwater Monitoring Points" available at EPA record DOC25/476902.

P1.2 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

EPA Identification Number	Point Type	Location description
1	Meteorological Station	Point labelled "Automatic Weather Station" on the map titled "Draft Operation Environmental Monitoring Management Plan Project Complex - Air Quality Monitoring Points" available at EPA record DOC25/476295

3 Limit Conditions

L1 Pollution of waters

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

L2 Waste

L2.1 The licensee must not cause, permit or allow any waste generated outside the premises to be received at the premises for storage, treatment, processing, reprocessing or disposal or any waste generated at the premises to be disposed of at the premises, except as expressly permitted by the licence.

L2.2 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.

L3 Noise limits

L3.1 Noise at the premises must not exceed an Leq (15 minute) noise emission criterion of 40dB(A) at any time, except as expressly provided by this licence.

L3.2 Noise from the premises is to be measured at the nearest sensitive receptor not associated with the premises to determine compliance with this condition.

L4 Potentially offensive odour

L4.1 The licensee must not cause or permit the emission of offensive odour beyond the boundary of the premises.

Note: Section 129 of the Protection of the Environment Operations Act 1997 states that no offensive odour may be emitted from particular premises unless potentially offensive odours are identified in the licence and the odours are emitted in accordance with conditions specifically directed at minimising the odours.

L4.2 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.

L4.3 All operations and activities must be carried out in a manner that prevents and minimises the emission of air pollutants (including odour) from the premises.

L4.4 The premises must be maintained in a manner that prevents and minimises the emission of air pollutants (including odour) from the premises.

L4.5 In the event of a verified offensive odour complaint, a comprehensive odour audit by a suitably qualified professional is to be completed to confirm compliance with section 129 of the Protection of the Environment Operations Act 1997. The scope and timing of the audit is to be acceptable to the NSW EPA.

The licensee must submit a copy of the odour audit findings to the EPA's Manager Regulatory Operations Riverina Far West by email to info@epa.nsw.gov.au within seven days or receiving the report, as well as a description of mitigation measures that will be implemented to mitigate and prevent offensive odour impacts from occurring.

L5 Other limit conditions

L5.1 The total number of cattle accommodated within the feedlot at any one time must not exceed 3,200 head of cattle.

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 All operations and activities occurring at the premises must be carried out in a manner that will minimise the emission of dust from the premises.

O4 Effluent application to land

O4.1 Effluent must only be applied to the following areas:

The effluent utilisation area as depicted in green on the map titled "Draft Operation Environmental Monitoring Management Plan Project Site - Effluent Utilisation Area Soil Monitoring Points".

O4.2 Spray from effluent application must not drift beyond the boundary of the effluent utilisation area to which it is applied.

O4.3 Solid waste must only be applied to the following areas:

The solid waste utilisation area as depicted in orange in the map titled "Draft Operation Environmental Monitoring Management Plan Project Site - Solid Waste Utilisation Area Soil Monitoring Points".

O4.4 Effluent application must not occur in a manner that causes surface runoff or ponding.

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 effluents/solids for pasture or crop production, as well as the ability of the soil to absorb the nutrient, salt, hydraulic load and organic material.

O4.6 No irrigation, application or storage of wastewater must be undertaken within 50 metres of any watercourse, or on any area except for the defined utilisation area.

O4.7 The licensee must retain the utilisation area.

O5 Processes and management

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

O5.2 Manure Depth within the pens must not exceed 50 millimetres.

O5.3 The solid waste compost and storage areas must have a clay or modified soil liner with an in-situ permeability of less than 10^{-9} metres per second and be located within the controlled drainage area.

O6 Other operating conditions

Stormwater and Sediment Control

O6.1 An Erosion and Sediment Control Plan (ESCP) must be prepared and implemented. 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 and operational activities. The ESCP should be prepared in accordance with the requirements for such plans outlined in *Managing Urban Stormwater: Soils and Construction.*

Solid Waste Management

O6.2 If solids are removed from the premises, the licensee must record:
a. the dates of removing the solids;
b. the estimated weight of the solids removed; and
c. The identity of the person removing the solids.

Irrigation Management Plan

O6.3 Prior to the commencement of operations, the licensee must submit an Irrigation and Solid Waste Management Plan, prepared in accordance with the *Environmental Guidelines: Use of Effluent by Irrigation* (DEC, 2004) to the EPA by email to info@epa.nsw.gov.au.

The Irrigation Management Plan must include, but is not limited to the following:

- The location and design of the tailwater and storm water runoff controls;
- The location of proposed soil quality monitoring including surface and subsurface monitoring;
- Details of the proposed soil monitoring regime;
- A map outlining proposed surface and subsurface monitoring locations as well as proposed 20 metre buffers from boundaries and 50 metre buffers from waterways;
- Details of the proposed cropping regimes; and
- Details of the proposed management actions to minimise the potential for offsite odours.

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 EPA point identification number for 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 14,15

Pollutant	UOM	Frequency	Sampling Methods
Calcium	milligrams per litre	Quarterly	Grab sample
Chloride	milliequivalents per litre	Quarterly	Grab sample
Electrical conductivity	microsiemens per centimetre	Quarterly	Grab sample
Faecal Coliforms	colony forming units per 100 millilitres	Quarterly	Grab sample
Magnesium	milligrams per litre	Quarterly	Grab sample
Nitrate	milligrams per litre	Quarterly	Grab sample
Nitrogen (ammonia)	milligrams per litre	Quarterly	Grab sample
Nitrogen (nitrate)	milligrams per litre	Quarterly	Grab sample

pH	pH	Quarterly	Grab sample
Phosphorus (total)	milligrams per litre	Quarterly	Grab sample
Potassium	milligrams per litre	Quarterly	Grab sample
Reactive Phosphorus	milligrams per litre	Quarterly	Grab sample
Sodium	milligrams per litre	Quarterly	Grab sample
Sodium Adsorption Ratio	None	Quarterly	Grab sample
Total Kjeldahl Nitrogen	milligrams per litre	Quarterly	Grab sample
Total suspended solids	milligrams per litre	Quarterly	Grab sample

POINT 16,17,18,19,20,21

Pollutant	UOM	Frequency	Sampling Methods
Arsenic	micrograms per litre	Every 6 months	Representative sample
Bicarbonate	milligrams per litre	Every 6 months	Representative sample
BOD	milligrams per litre	Every 6 months	Representative sample
Calcium	milligrams per litre	Every 6 months	Representative sample
Chlorine	milligrams per litre	Every 6 months	Representative sample
Electrical conductivity	microsiemens per centimetre	Every 6 months	Representative sample
Faecal Coliforms	colony forming units per 100 millilitres	Every 6 months	Representative sample
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 (nitrate)	milligrams per litre	Every 6 months	Representative sample
Nitrogen (total)	milligrams per litre	Every 6 months	Representative sample
pH	pH	Every 6 months	Representative sample
Phosphorus (total)	milligrams per litre	Every 6 months	Representative sample

Potassium	milligrams per litre	Every 6 months	Representative sample
Sodium	milligrams per litre	Every 6 months	Representative sample
Standing Water Level	metres (Australian Height Datum)	Every 6 months	In situ
Sulfate	milligrams per litre	Every 6 months	Representative sample
Total dissolved solids	milligrams per litre	Every 6 months	Representative sample

POINT 2

Pollutant	UOM	Frequency	Sampling Methods
Calcium	milligrams per litre	Quarterly	Representative sample
Chloride	milligrams per litre	Quarterly	Representative sample
Electrical conductivity	microsiemens per centimetre	Quarterly	Representative sample
Magnesium	milligrams per litre	Quarterly	Representative sample
Nitrogen (ammonia)	milligrams per litre	Quarterly	Representative sample
Nitrogen (nitrate)	milligrams per litre	Quarterly	Representative sample
pH	pH	Quarterly	Representative sample
Phosphorus	milligrams per litre	Quarterly	Representative sample
Potassium	milligrams per litre	Quarterly	Representative sample
Sodium	milligrams per litre	Quarterly	Representative sample
Sodium Adsorption Ratio	None	Quarterly	Representative sample
Total Kjeldahl Nitrogen	milligrams per litre	Quarterly	Representative sample
Total suspended solids	milligrams per litre	Quarterly	Representative sample

POINT 3,4,5,6,7,8,9,10,11,12,13

Pollutant	UOM	Frequency	Sampling Methods

Cation Exchange Capacity	millimoles of positive charge per kilogram of soil	Yearly	Composite sample
Chloride	milligrams per kilogram	Yearly	Composite sample
Colwell phosphorus	milligrams per kilogram	Yearly	Composite sample
Electrical conductivity	deciSiemens per metre	Yearly	Composite sample
Exchangeable calcium	millimoles of positive charge per kilogram of soil	Yearly	Composite sample
Exchangeable magnesium	millimoles of positive charge per kilogram of soil	Yearly	Composite sample
Exchangeable potassium	millimoles of positive charge per kilogram of soil	Yearly	Composite sample
Exchangeable sodium	millimoles of positive charge per kilogram of soil	Yearly	Composite sample
Exchangeable sodium percentage	percent	Yearly	Composite sample
Nitrate	milligrams per kilogram	Yearly	Composite sample
Nitrogen (nitrate)	milligrams per kilogram	Yearly	Composite sample
Nitrogen (total)	milligrams per kilogram	Yearly	Composite sample
Organic carbon	milligrams per kilogram	Yearly	Composite sample
pH	pH	Yearly	Composite sample
Phosphorus (total)	milligrams per kilogram	Yearly	Composite sample
Phosphorus Sorption Capacity	milligrams per kilogram	Every 3 years	Composite sample

M3 Testing methods - concentration limits

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

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

M4 Weather monitoring

M4.1 Prior to the commencement of operations, the licensee must establish a permanent meteorological station complying with the Approved Methods for Sampling and Analysis and the Australian Standard As3580.14, at the premises. The location of the site chosen for the station and details of equipment, measurement and maintenance/service procedures and schedules to be installed and maintained must be submitted in writing to the EPA for approval.

The meteorological station must be capable of continuously monitoring the parameters specified in condition M3.2.

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.

POINT 1

Parameter	UOM	Sampling Method	Average Period	Frequency
Wind Direction at 10 metres	Degrees	AM-2 & AM-4	15 minutes	Continuous
Sigma theta at 10 metres	Degrees	AM-2 & AM-4	15 minutes	Continuous
Wind Speed at 10 metres	metres per second	AM-2 & AM-4	15 minutes	Continuous
Rainfall	metres per second	AM-4	15 minutes	Continuous
Temperature at 2 metres	degrees Celsius	AM-4	1 hour	Continuous
Relative humidity	percent	AM-4	1 hour	Continuous
Total Solar Radiation	Watts per square metre	AM-4	1 hour	Continuous

M4.3 The weather monitoring instrumentation installed and operated at the site must have a stall speed or lower limit of measure for measuring wind speed less than 0.2m/s.

M4.4 The licensee must develop and implement a calibration, quality assurance, quality control and audit program for the meteorological monitoring station, in accordance with the reference test

methods and manufacturer's specifications. Records of the calibration and maintenance must be made available upon request to the EPA in a Microsoft Office software compatible format.

M4.5 The licensee must develop and implement a quality assurance/quality control procedure for the data collected from the meteorological monitoring station. Outcomes from the procedure must be made available to the EPA upon request in a Microsoft Office software 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:
a) the date and time of the complaint;
b) the method by which the complaint was made;
c) any personal details of the complainant which were provided by the complainant or, if no such details were provided, a note to that effect;
d) the nature of the complaint;
e) the action taken by the licensee in relation to the complaint, including any follow-up contact with the complainant; and
f) if no action was taken by the licensee, the reasons why no action was taken.

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

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

M6 Telephone complaints line

M6.1 The licensee must operate during its operating hours a telephone complaints line for the purpose of receiving any complaints from members of the public in relation to activities conducted at the premises or by the vehicle or mobile plant, unless otherwise specified in the licence.

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 three months after the date of the issue of this licence.

6 Reporting Conditions

R1 Compliance, and annual reporting requirements

Compliance with licence conditions

R1.1 The licensee must supply the EPA, via the EPA's online digital portal, the following details of any non-compliance with the conditions of the licence within 21 days after the licensee becomes aware of the non-compliance:

a. the date the licensee became aware of the non-compliance;
b. the date(s) the non-compliance occurred, including if the non-compliance is continuing;

c. whether the non-compliance relates to air, water/land, noise or waste matters (if applicable);
d. whether the non-compliance relates to a pollution incident;
e. the licence condition(s) not complied with;
f. a summary of particulars of the non-compliance, including (if known):
    i. the location where the non-compliance occurred;
    ii. the duration of the non-compliance;
    iii. if the non-compliance is continuing, the suspected end date of the non-compliance;
g. the cause or suspected cause of the non-compliance;
h. any action taken, or proposed to be taken, to mitigate the effects of the non-compliance; and
i. any action taken, or proposed to be taken, to prevent a recurrence of the non-compliance.

R1.2 The EPA may make a written request for further details in relation to each non-compliance reported in accordance with Condition R1.1. The licensee must provide such further details to the EPA, via the EPA's online digital portal, within the time specified in the request.

R1.3 Condition R1.1 does not apply where a non-compliance with a licence condition has been identified by the EPA as part of an EPA environmental compliance audit.

Reporting transition arrangements

R1.4 By 05 August 2026, the licensee must supply to the EPA, via the EPA's online digital portal the details required in Condition R1.1 for any non-compliance with the conditions of the licence that occurred:

i. after the date the licensee supplied their last Statement of Compliance - Licence Conditions to the EPA, and
ii. before the date of the notice of variation of licence that added this condition to this Licence.

Pollution monitoring data summary

R1.5 If the licensee undertakes monitoring as a result of a licence condition, the licensee must supply to the EPA a summary of the results of the pollution monitoring data in respect of each reporting period. The summary must be provided as a Microsoft Excel file, formatted with the following column headings:

a. EPA point identification number;
b. pollutant;
c. unit of measure;
d. number of samples required;
e. number of samples collected and analysed;
f. lowest sample value;
g. mean of sample values; and
h. highest sample value.

The pollution monitoring data summary for the reporting period must be supplied to the EPA via the EPA's online digital portal by the "due date", as defined in the dictionary at the end of this licence.

R2 Notification of environmental harm

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

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

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

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 Annual system performance report

R4.1 An Annual Environmental and Monitoring Management Report must be submitted with the Annual Return. The report must provide an assessment of the environmental performance relevant to the licensing conditions including:

- Effluent quality: All monitoring data required in accordance with section M2 of the licence. This information is to be presented both graphically and as tabulated data sets.
- Utilisation areas: For all the utilisation areas (discharge points), all soil and groundwater monitoring data collected since the application of effluent and solid waste commenced until

the end of the current monitoring period, together with any background data, shall be presented both as tabulated data sets and graphically.

- Analysis: Analysis of the monitoring data with a view to assessing the impacts and demonstrating the long-term sustainability of the effluent and solid waste to the utilisation areas.
- Recommendations: A list of actions to address any issues identified in the analysis of the monitoring data, or as follow up action from any complaints.

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.

Dictionary

General Dictionary

3DGM [in relation to a concentration limit]	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
Act	Means the Protection of the Environment Operations Act 1997
activity	Means a scheduled or non-scheduled activity within the meaning of the Protection of the Environment Operations Act 1997
actual load	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2022
AM	Together with a number, means an ambient air monitoring method of that number prescribed by the Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales.
AMG	Australian Map Grid
anniversary date	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.
Approved Methods Publication	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2022
assessable pollutants	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2022
BOD	Means biochemical oxygen demand
CEM	Together with a number, means a continuous emission monitoring method of that number prescribed by the *Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales*.

COD	Means chemical oxygen demand
composite sample	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.
cond.	Means conductivity
due date	Means: i) not later than 60 days after the end of each reporting period; or ii) in the case of a transferring licence - not later than 60 days after the date the transfer was granted.
environment	Has the same meaning as in the Protection of the Environment Operations Act 1997
environment protection legislation	Has the same meaning as in the Protection of the Environment Administration Act 1991
EPA	Means the Environment Protection Authority of New South Wales.
EPA Online digital portal	Means eConnect EPA
general solid waste (non-putrescible)	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
flow weighted composite sample	Means a sample whose composites are sized in proportion to the flow at each composites time of collection.
general solid waste (putrescible)	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
grab sample	Means a single sample taken at a point at a single time
hazardous waste	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
licensee	Means the licence holder described at the front of this licence
Licensing Fee Category (Regulation)	Means the numbered short descriptions in Schedule 1 of the Protection of the Environment Operations (General) Regulation 2022.
load calculation protocol	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2022

local authority	Has the same meaning as in the Protection of the Environment Operations Act 1997
material harm	Has the same meaning as in section 147 of the Protection of the Environment Operations Act 1997
MBAS	Means methylene blue active substances
Minister	Means the Minister administering the Protection of the Environment Operations Act 1997
mobile plant	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
motor vehicle	Has the same meaning as in the Protection of the Environment Operations Act 1997
O&G	Means oil and grease
Percentile [in relation to a concentration limit of a sample]	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.
plant	Includes all plant within the meaning of the Protection of the Environment Operations Act 1997 as well as motor vehicles.
pollution incident	Has the same meaning as in the Protection of the Environment Operations Act 1997
Pollution of waters [or water pollution]	Has the same meaning as in the Protection of the Environment Operations Act 1997
premises	Means the premises described in condition A2.1
public authority	Has the same meaning as in the Protection of the Environment Operations Act 1997
regional office	Means the relevant EPA office referred to in the Contacting the EPA document accompanying this licence
reporting period	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.

restricted solid waste	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
scheduled activity	Means an activity listed in Schedule 1 of the Protection of the Environment Operations Act 1997
special waste	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
TM	Together with a number, means a test method of that number prescribed by the Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales.
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
wellhead	Has the same meaning as in Schedule 1 of the Protection of the Environment Operations (General) Regulation 2022

Stephen Beaman

Executive Director Regulatory Operations

NSW Environment Protection Authority

End Notes

Licence varied by notice POEO-1705, issued on 05-06-2026