



# Environment Protection Licence

Licence - 21007

<b>Licence Details</b>	
Number:	21007
Anniversary Date:	21-December

  

<b>Licensee</b>
TRONOX MINING AUSTRALIA LIMITED
PO BOX 133
BUNBURY WA 6230

  

<b>Premises</b>
ATLAS MINE
HATFIELD ROAD
BALRANALD NSW 2715
PIT A, PIT B & PIT C
WESTERN LANDS LEASES 2611 & 4103
BALRANALD NSW 2715

  

<b>Scheduled Activity</b>
Crushing, grinding or separating
Extractive activities

  

<b>Fee Based Activity</b>	<b>Scale</b>
Crushing, grinding or separating	> 100000-500000 T annual processing capacity
Extractive activities	> 100000-500000 T annually extracted or processed

  

<b>Contact Us</b>
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4 Parramatta Square
12 Darcy Street
PARRAMATTA NSW 2150
Phone: 131 555
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# Environment Protection Licence

Licence - 21007

<b>INFORMATION ABOUT THIS LICENCE</b>	<b>4</b>
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>	<b>6</b>
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
<b>2 DISCHARGES TO AIR AND WATER AND APPLICATIONS TO LAND</b>	<b>7</b>
P1 Location of monitoring/discharge points and areas	7
<b>3 LIMIT CONDITIONS</b>	<b>10</b>
L1 Pollution of waters	10
L2 Waste	10
L3 Noise limits	10
<b>4 OPERATING CONDITIONS</b>	<b>11</b>
O1 Activities must be carried out in a competent manner	11
O2 Maintenance of plant and equipment	11
O3 Dust	11
<b>5 MONITORING AND RECORDING CONDITIONS</b>	<b>11</b>
M1 Monitoring records	11
M2 Requirement to monitor concentration of pollutants discharged	12
M3 Testing methods - concentration limits	14
M4 Weather monitoring	14
M5 Recording of pollution complaints	15
M6 Telephone complaints line	15
<b>6 REPORTING CONDITIONS</b>	<b>16</b>
R1 Annual return documents	16
R2 Notification of environmental harm	17
R3 Written report	17
R4 Annual system performance report	17



# Environment Protection Licence

Licence - 21007

<b>7</b>	<b>GENERAL CONDITIONS</b>	<b>18</b>
G1	Copy of licence kept at the premises or plant	18
<b>8</b>	<b>SPECIAL CONDITIONS</b>	<b>18</b>
E1	Emergency Response Procedures	18
<b>DICTIONARY</b>		<b>19</b>
	General Dictionary	19

# Environment Protection Licence

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Licence - 21007

## 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 - 21007

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:

TRONOX MINING AUSTRALIA LIMITED
PO BOX 133
BUNBURY WA 6230

subject to the conditions which follow.



# Environment Protection Licence

Licence - 21007

## 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
Crushing, grinding or separating	Crushing, grinding or separating	> 100000 - 500000 T annual processing capacity
Extractive activities	Extractive activities	> 100000 - 500000 T annually extracted or processed

A1.2 Notwithstanding A1.1, the scale of the land-based extractive activity authorised under this licence must not exceed Pit A 100,000, Pit B 20,000 & Pit C 140,000 tonnes per annum, being the amount equivalent to the extraction limit approved by the development consent granted under the *Environmental Planning and Assessment Act 1979* for the premises specified in A2.

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

A2.1 The licence applies to the following premises:

Premises Details
PIT A, PIT B & PIT C
WESTERN LANDS LEASES 2611 & 4103
BALRANALD
NSW 2715
LOT 1944 DP 763848, LOT 1 DP 1198331, LOT 2 DP 1198331
ATLAS MINE
HATFIELD ROAD
BALRANALD
NSW 2715
LOT 616 DP 761603, LOT 1 DP 1198290, LOT 1 DP 1198330, LOT 1 DP 1198331

### A3 Information supplied to the EPA

# Environment Protection Licence

Licence - 21007

- A3.1 Works and activities must be carried out in accordance with the proposal contained in the licence application, except as expressly provided by a condition of this licence.

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

- a) the applications for any licences (including former pollution control approvals) which this licence replaces under the Protection of the Environment Operations (Savings and Transitional) Regulation 1998; and
- b) the licence information form provided by the licensee to the EPA to assist the EPA in connection with the issuing of this licence.

- A3.2 This licence applies to all other activities carried out at the premises, including:

Ancillary Activity
Chemical Storage
Concrete Works
Sewage Treatment
Waste Disposal (application to land)
Waste processing (non-thermal treatment)

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

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

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

<i>Air</i>			
EPA identification no.	Type of Monitoring Point	Type of Discharge Point	Location Description
1	Dust Monitoring		Dust gauge identified as DC01 in figure 4 of the Air Quality Management Plan dated July 2018 and kept on EPA file DOC18/421818-05
2	Dust Monitoring		Dust gauge identified as DC02 in figure 4 of the Air Quality Management Plan dated July 2018 and kept on EPA file DOC18/421818-05
3	Dust Monitoring		Dust gauge identified as DC03 in figure 4 of the Air Quality Management Plan dated July 2018 and kept on EPA file DOC18/421818-05
4	Dust Monitoring		Dust gauge identified as DC04 in figure 4 of the Air Quality Management Plan dated July 2018 and kept on EPA file DOC18/421818-05

# Environment Protection Licence

Licence - 21007

5	Dust Monitoring	Dust gauge identified as DC05 in figure 4 of the Air Quality Management Plan dated July 2018 and kept on EPA file DOC18/421818-05
6	Dust Monitoring	Dust gauge identified as DC06 in figure 4 of the Air Quality Management Plan dated July 2018 and kept on EPA file DOC18/421818-05
25	Dust Monitoring	The high volume air sampler identified as PM01 in figure 4 of the Air Quality Management Plan dated July 2018 and kept on EPA file DOC18/421818-05

P1.2 The following utilisation areas referred to in the table below are identified in this licence for the purposes of the monitoring and/or the setting of limits for any application of solids or liquids to the utilisation area.

P1.3 The following points referred to in the table are identified in this licence for the purposes of the monitoring and/or the setting of limits for discharges of pollutants to water from the point.

## Water and land

EPA Identification no.	Type of Monitoring Point	Type of Discharge Point	Location Description
7	Groundwater quality monitoring point		Borehole identified as AM1 in figure 4 of the Groundwater Management Plan dated August 2018 and kept on EPA file DOC18/421818-06
8	Groundwater quality monitoring point		Borehole identified as AM2 in figure 4 of the Groundwater Management Plan dated August 2018 and kept on EPA file DOC18/421818-06
9	Groundwater quality monitoring point		Borehole identified as AM3 in figure 4 of the Groundwater Management Plan dated August 2018 and kept on EPA file DOC18/421818-06
10	Groundwater quality monitoring point		Borehole identified as AM4 in figure 4 of the Groundwater Management Plan dated August 2018 and kept on EPA file DOC18/421818-06
11	Groundwater quality monitoring point		Borehole identified as AM5 in figure 4 of the Groundwater Management Plan dated August 2018 and kept on EPA file DOC18/421818-06
12	Groundwater quality monitoring point		Borehole identified as AM6 in figure 4 of the Groundwater Management Plan dated August 2018 and kept on EPA file DOC18/421818-06
13	Groundwater quality monitoring point		Borehole identified as AM7 in figure 4 of the Groundwater Management Plan dated August 2018 and kept on EPA file DOC18/421818-06



# Environment Protection Licence

Licence - 21007

14	Groundwater quality monitoring point	Borehole identified as AM8 in figure 4 of the Groundwater Management Plan dated August 2018 and kept on EPA file DOC18/421818-06
15	Groundwater quality monitoring point	Borehole identified as AM9 in figure 4 of the Groundwater Management Plan dated August 2018 and kept on EPA file DOC18/421818-06
16	Groundwater quality monitoring point	Borehole identified as GW063606 in figure 4 of the Groundwater Management Plan dated August 2018 and kept on EPA file DOC18/421818-06
17	Groundwater quality monitoring point	Borehole identified as GW036674 in figure 4 of the Groundwater Management Plan dated August 2018 and kept on EPA file DOC18/421818-06
18	Groundwater quality monitoring point	Borehole identified as GW036790 in figure 4 of the Groundwater Management Plan dated August 2018 and kept on EPA file DOC18/421818-06
19	Groundwater quality monitoring point	Borehole identified as GW036875 in figure 4 of the Groundwater Management Plan dated August 2018 and kept on EPA file DOC18/421818-06
20	Surface water quality monitoring point	The First Mildura tank identified as SW01 in Figure 4 of the Surface Water Management Plan dated August 2018 and kept on EPA file DOC18/421818-07
21	Surface water quality monitoring point	The un-named tank identified as SW02 in Figure 4 of the Surface Water Management Plan dated August 2018 and kept on EPA file DOC18/421818-07
22	Surface water quality monitoring point	The natural depression identified as SW03 in Figure 4 of the Surface Water Management Plan dated August 2018 and kept on EPA file DOC18/421818-07
23	Surface water quality monitoring point	The Yankie Tank identified as SW04 in Figure 4 of the Surface Water Management Plan dated August 2018 and kept on EPA file DOC18/421818-07

Note: Groundwater monitoring bores AM5, AM6, and AM7 will be constructed prior to the commencement of mining activities at the Atlas Deposit. Groundwater monitoring bores AM8 and AM9 will be constructed 1 year prior to the commencement of construction activities at the Campaspe Deposit.

P1.4 The following points referred to in the table below are identified in this licence for the purposes of weather and/or noise monitoring and/or setting limits for the emission of noise from the premises.



# Environment Protection Licence

Licence - 21007

*Noise/Weather*

EPA identi- fication no.	Type of monitoring point	Location description
26	Noise monitoring	Point identified as MNP in Figure 4 of the Noise Management Plan dated July 2018 and kept on EPA file DOC18/421818-07
27	Noise monitoring	Point identified as NAC1 in Figure 4 of the Noise Management Plan dated July 2018 and kept on EPA file DOC18/421818-07
28	Noise monitoring	Point identified as NAC2 in Figure 4 of the Noise Management Plan dated July 2018 and kept on EPA file DOC18/421818-07
29	Meteorological Station	Weather station identified in Figure 4 of the Noise Management Plan dated July 2018 and kept on EPA file DOC18/421818-07

## 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 generated at the premises that is measured at each noise monitoring point established under this licence must not exceed the noise levels specified in Column 4 of the table below for that point during the corresponding time periods specified in Column 1 when measured using the corresponding measurement parameters listed in Column 2.

**POINT 26**

Time period	Measurement parameter	Measurement frequency	Noise level dB(A)
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# Environment Protection Licence

Licence - 21007

Day, Evening, Night	L <sub>Aeq</sub> (15 minute)	Quarterly	50
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POINT 27,28

Time period	Measurement parameter	Measurement frequency	Noise level dB(A)
Day, Evening, Night	L <sub>Aeq</sub> (15 minute)	Quarterly	35

## 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.
- O3.2 Trucks entering and leaving the premises that are carrying loads must be covered at all times, except during loading and unloading.
- O3.3 The premises must be maintained in a condition which minimises or prevents the emission of dust from the premises.

## 5 Monitoring and Recording Conditions

### M1 Monitoring records



# Environment Protection Licence

Licence - 21007

- 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 Air Monitoring Requirements

POINT 1,2,3,4,5,6

Pollutant	Units of measure	Frequency	Sampling Method
Particulates - Deposited Matter	grams per square metre per month	Monthly	AM-19

POINT 25

Pollutant	Units of measure	Frequency	Sampling Method
PM10	micrograms per cubic metre	Every 6 days	AM-18
Total suspended particles	micrograms per cubic metre	Every 6 days	AM-15

M2.3 Water and/ or Land Monitoring Requirements

POINT 7,8,9,10,11,12,13,14,15

Pollutant	Units of measure	Frequency	Sampling Method
Bicarbonate	milligrams per litre	Quarterly	Representative sample

# Environment Protection Licence

Licence - 21007

Calcium	milligrams per litre	Quarterly	Representative sample
Carbonate	milligrams per litre	Quarterly	Representative sample
Chloride	milligrams per litre	Quarterly	Representative sample
Electrical conductivity	siemens	Quarterly	Representative sample
Iron	micrograms per litre	Quarterly	Representative sample
Magnesium	milligrams per litre	Quarterly	Representative sample
Nitrate	milligrams per litre	Quarterly	Representative sample
pH	pH	Quarterly	Representative sample
Potassium	milligrams per litre	Quarterly	Representative sample
Sodium	milligrams per litre	Quarterly	Representative sample
Sulfate	milligrams per litre	Quarterly	Representative sample
Total dissolved solids	milligrams per litre	Quarterly	Representative sample
Total Iron	micrograms per litre	Quarterly	Representative sample

## POINT 7,8,9,10,11,12,13,14,15,16,17,18,19

Pollutant	Units of measure	Frequency	Sampling Method
Standing Water Level	metres	Quarterly	Representative sample

## POINT 17,18,19

Pollutant	Units of measure	Frequency	Sampling Method
Bicarbonate	milligrams per litre	Yearly	Representative sample
Calcium	milligrams per litre	Yearly	Representative sample
Carbonate	milligrams per litre	Yearly	Representative sample
Chloride	milligrams per litre	Yearly	Representative sample
Electrical conductivity	siemens	Yearly	Representative sample
Iron	micrograms per litre	Yearly	Representative sample
Magnesium	milligrams per litre	Yearly	Representative sample
Nitrate	milligrams per litre	Yearly	Representative sample
pH	pH	Yearly	Representative sample
Potassium	milligrams per litre	Yearly	Representative sample
Sodium	milligrams per litre	Yearly	Representative sample
Sulfate	milligrams per litre	Yearly	Representative sample
Total dissolved solids	milligrams per litre	Yearly	Representative sample
Total Iron	micrograms per litre	Yearly	Representative sample

## POINT 20,21,22,23

Pollutant	Units of measure	Frequency	Sampling Method
Chlorophyll a	micrograms per litre	Every 6 months	Representative sample
Nitrogen	milligrams per litre	Every 6 months	Representative sample
pH	pH	Every 6 months	Representative sample

# Environment Protection Licence

Licence - 21007

Phosphorus	milligrams per litre	Every 6 months	Representative sample
Salinity	microsiemens per centimetre	Every 6 months	Representative sample
Total dissolved solids	milligrams per litre	Every 6 months	Representative sample
Turbidity	nephelometric turbidity units	Every 6 months	Representative sample

## M3 Testing methods - concentration limits

- M3.1 Monitoring for the concentration of a pollutant emitted to the air required to be conducted by this licence must be done in accordance with:
- any methodology which is required by or under the Act to be used for the testing of the concentration of the pollutant; or
  - if no such requirement is imposed by or under the Act, any methodology which a condition of this licence requires to be used for that testing; or
  - if no such requirement is imposed by or under the Act or by a condition of this licence, any methodology approved in writing by the EPA for the purposes of that testing prior to the testing taking place.

- M3.2 Subject to any express provision to the contrary in this licence, monitoring for the concentration of a pollutant discharged to waters or applied to a utilisation area must be done in accordance with the Approved Methods Publication unless another method has been approved by the EPA in writing before any tests are conducted.

Note: The *Protection of the Environment Operations (Clean Air) Regulation 2021* requires testing for certain purposes to be conducted in accordance with test methods contained in the publication "Approved Methods for the Sampling and Analysis of Air Pollutants in NSW".

## 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.

# Environment Protection Licence

Licence - 21007

## POINT 29

Parameter	Sampling method	Units of measure	Averaging period	Frequency
Rainfall	In situ	millimetres	30 minutes	Continuous
Wind Speed	No method specified	metres per second	30 minutes	Continuous
Temperature at 10 metres	No method specified	degrees Celsius	30 minutes	Continuous
Temperature at 2 metres	No method specified	degrees Celsius	30 minutes	Continuous
Wind Direction at 10 metres	No method specified	Degrees	30 minutes	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.

## 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.

## 6 Reporting Conditions

# Environment Protection Licence

Licence - 21007

## 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 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.

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.

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.

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

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.



# Environment Protection Licence

Licence - 21007

## 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 The annual report must contain the following information in relation to the period to which it relates:

- (a) the volume of all inflows of water to the premises, the volume of all surface water discharges from the premises and an estimate of all accessions of water to groundwater in or outside of the premises;
- (b) results of all monitoring required by this licence and an assessment of waste water and an assessment of waste water quality trends;

# Environment Protection Licence

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Licence - 21007

- (c) results of all monitoring required by this licence and an assessment of groundwater and an assessment of groundwater quality trends;
- (c) a summary of all events which have been reported under conditions within R2 and R3; and
- (d) any changes the licensee suggests should be made to this licence or the Groundwater Management Plan and/or the Surface Water Management Plan.

## 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.

## 8 Special Conditions

### E1 Emergency Response Procedures

- E1.1 In the event of exceedances with licence limits or where environmental incidents occur, the licensee will adhere to the contingency plan adopting the potential contingency measures, adaptive management and incident response guidelines set out in the Atlas-Campaspe Management Plans dated July and August 2018.



# Environment Protection Licence

Licence - 21007

## 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 - 21007

<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 - 21007

<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 Darren Wallett

Environment Protection Authority

(By Delegation)

Date of this edition: 21-December-2017

End Notes		
2	Licence varied by notice	1561803 issued on 23-Feb-2018
3	Licence varied by notice	1566240 issued on 23-Aug-2018
4	Licence varied by notice	1588832 issued on 04-Dec-2019
5	Licence format updated on	08-Apr-2020
6	Licence varied by notice	1597330 issued on 16-Jul-2020
7	Licence varied by notice	1599618 issued on 10-Sep-2020
8	Licence varied by notice	1605663 issued on 24-Mar-2021
9	Licence format updated on	07-Jun-2022