Environment Protection Licence

Licence - 11912

Licence Details	
Number:	11912
Anniversary Date:	23-December

Licensee
EVOLUTION MINING (COWAL) PTY LIMITED
PO BOX 210
WEST WYALONG NSW 2671

Premises
COWAL GOLD PROJECT, 38KM NORTH EAST OF WEST WYALONG
LAKE COWAL ROAD
WEST WYALONG NSW 2671

Scheduled Activity
Concrete works
Crushing, grinding or separating
Extractive activities
Mineral processing
Mining for minerals

Fee Based Activity	Scale
Concrete works	0-13000 m3 annual production capacity
Crushing, grinding or separating	> 2000000 T annual processing capacity
Land-based extractive activity	> 2000000 T annual capacity to extract, process or store
Mineral processing	> 2000000 T annual processing capacity
Mining for minerals	> 5000000 T annual production capacity

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Region
Riverina Far West
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Information about this licence

Dictionary

A definition of terms used in the licence can be found in the dictionary at the end of this licence.

Responsibilities of licensee

Separate to the requirements of this licence, general obligations of licensees are set out in the Protection of the Environment Operations Act 1997 ("the Act") and the Regulations made under the Act. These include obligations to:

- ensure persons associated with you comply with this licence, as set out in section 64 of the Act;
- control the pollution of waters and the pollution of air (see for example sections 120 - 132 of the Act);
- report incidents causing or threatening material environmental harm to the environment, as set out in Part 5.7 of the Act.

Variation of licence conditions

The licence holder can apply to vary the conditions of this licence. An application form for this purpose is available from the EPA.

The EPA may also vary the conditions of the licence at any time by written notice without an application being made.

Where a licence has been granted in relation to development which was assessed under the Environmental Planning and Assessment Act 1979 in accordance with the procedures applying to integrated development, the EPA may not impose conditions which are inconsistent with the development consent conditions until the licence is first reviewed under Part 3.6 of the Act.

Duration of licence

This licence will remain in force until the licence is surrendered by the licence holder or until it is suspended or revoked by the EPA or the Minister. A licence may only be surrendered with the written approval of the EPA.

Licence review

The Act requires that the EPA review your licence at least every 5 years after the issue of the licence, as set out in Part 3.6 and Schedule 5 of the Act. You will receive advance notice of the licence review.

Fees and annual return to be sent to the EPA

For each licence fee period you must pay:

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

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The EPA publication “A Guide to Licensing” contains information about how to calculate your licence fees. The licence requires that an Annual Return, comprising a Statement of Compliance and a summary of any monitoring required by the licence (including the recording of complaints), be submitted to the EPA. The Annual Return must be submitted within 60 days after the end of each reporting period. See condition R1 regarding the Annual Return reporting requirements.

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

Transfer of licence

The licence holder can apply to transfer the licence to another person. An application form for this purpose is available from the EPA.

Public register and access to monitoring data

Part 9.5 of the Act requires the EPA to keep a public register of details and decisions of the EPA in relation to, for example:

- licence applications;
- licence conditions and variations;
- statements of compliance;
- load based licensing information; and
- load reduction agreements.

Under s320 of the Act application can be made to the EPA for access to monitoring data which has been submitted to the EPA by licensees.

This licence is issued to:

EVOLUTION MINING (COWAL) PTY LIMITED
PO BOX 210
WEST WYALONG NSW 2671

subject to the conditions which follow.

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1 Administrative Conditions

A1 What the licence authorises and regulates

A1.1 This licence authorises the carrying out of the scheduled activities listed below at the premises specified in A2. The activities are listed according to their scheduled activity classification, fee-based activity classification and the scale of the operation.

Unless otherwise further restricted by a condition of this licence, the scale at which the activity is carried out must not exceed the maximum scale specified in this condition.

Scheduled Activity	Fee Based Activity	Scale
Concrete works	Concrete works	0 - 13000 m3 annual production capacity
Crushing, grinding or separating	Crushing, grinding or separating	> 2000000 T annual processing capacity
Extractive activities	Land-based extractive activity	> 2000000 T annual capacity to extract, process or store
Mineral processing	Mineral processing	> 2000000 T annual processing capacity
Mining for minerals	Mining for minerals	> 5000000 T annual production capacity

A1.2 The licensee may carry out scheduled development works necessary for the activity of mineral processing to be undertaken at the premises.

A2 Premises or plant to which this licence applies

A2.1 The licence applies to the following premises:

Premises Details
COWAL GOLD PROJECT, 38KM NORTH EAST OF WEST WYALONG
LAKE COWAL ROAD
WEST WYALONG
NSW 2671
PREMISES INCLUDES THE LAND DEFINED BY MINING LEASE NO. 1535.

A3 Other activities

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

Ancillary Activity
Chemical storage
Contaminated soil treatment
Sewage treatment
Waste disposal (application to land)

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.

A4.2 For the purposes of condition A4.1, the licence application includes:

a) Development Consent Cowal Project;
b) Cowal Gold Project - Environmental Impact Statement;
c) List of initial development activities associated with the construction of the Cowal Gold Project;
d) Cowal Gold Project - Species Impact Statement (Appendix A in Vol 2 of the Cowal Gold Project EIS).
e) Modifications to the Cowal Gold Project approved by the Department of Planning.

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.

Air

EPA identification no.	Type of Monitoring Point	Type of Discharge Point	Location Description
1	Dust monitoring		Dust gauge located approximately 1km west of ML1535 boundary, labelled as "McLintock's Shed" in Figure 4 titled 'Air Quality Monitoring Sites' of the "Cowal Gold Operations Air Quality Management Plan" dated February 2015.

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2	Dust monitoring	Dust gauge located south of the southern waste emplacement, labelled as "Site Office" in Figure 4 Figure 4 titled 'Air Quality Monitoring Sites' of the "Cowal Gold Operations Air Quality Management Plan" dated February 2015.
3	Dust monitoring	Dust gauge located approximately 5.5km east of ML1535 boundary, labelled as "DG6" in Figure 4 titled 'Air Quality Monitoring Sites' of the "Cowal Gold Operations Air Quality Management Plan" dated February 2015.
4	Dust monitoring	Dust gauge located approximately 3.5km south of ML1535 boundary, labelled as "DG9" in Figure 4 titled 'Air Quality Monitoring Sites' of the "Cowal Gold Operations Air Quality Management Plan" dated February 2015.
5	Dust monitoring	Dust gauge located within ML1535 and north of the open pit, labelled as "Site 52" in Figure 4 titled 'Air Quality Monitoring Sites' of the "Cowal Gold Operations Air Quality Management Plan" dated February 2015.
6	Dust monitoring	Dust gauge located approximately 3.5 km north of ML1535 boundary, labelled as 'DG1' in Figure 4 titled 'Air Quality Monitoring Sites' of the "Cowal Gold Operations Air Quality Management Plan" dated February 2015.
49	TSP monitoring	High volume sampler located approximately 3.5 km north of ML1535 boundary, labelled as 'HV1' in Figure 4 titled 'Air Quality Monitoring Sites' of the "Cowal Gold Operations Air Quality Management Plan" dated February 2015.

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

12	Stormwater quality monitoring	Northern waste emplacement contained water storage labelled as "D1" in Figure 13 titled 'ML 1535 Surface Water and Groundwater Monitoring Locations' in the "Cowal Gold Operations Water Management Plan" dated May 2015.
13	Stormwater quality monitoring	Southern waste emplacement contained water storage labelled as "D4" in Figure 13 titled 'ML 1535 Surface Water and Groundwater Monitoring Locations' in the "Cowal Gold Operations Water Management Plan" dated May 2015.
14	Ambient water quality monitoring	Surface water point within Lake Cowal labelled as "P1" in Figure 14 titled 'Regional Surface Water and Groundwater Monitoring Locations' in the "Cowal Gold Operations Water Management Plan" dated May 2015.
15	Ambient water quality monitoring	Surface water point within Lake Cowal labelled as "P2" in Figure 14 titled 'Regional Surface Water and Groundwater Monitoring Locations' in the "Cowal Gold Operations Water Management Plan" dated May 2015.
16	Ambient water quality monitoring	Surface water point within Lake Cowal labelled as "P3" in Figure 14 titled 'Regional Surface Water and Groundwater Monitoring Locations' in the "Cowal Gold Operations Water Management Plan" dated May 2015.
17	Ambient water quality monitoring	Surface water point within Lake Cowal labelled as "B1" in Figure 14 titled 'Regional Surface Water and Groundwater Monitoring Locations' in the "Cowal Gold Operations Water Management Plan" dated May 2015.
18	Ambient water quality monitoring	Surface water point within Lake Cowal labelled as "B6" in Figure 14 titled 'Regional Surface Water and Groundwater Monitoring Locations' in the "Cowal Gold Operations Water Management Plan" dated May 2015.

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19	Groundwater quality monitoring	Piezometer located up gradient of southern tailings storage labelled as "P555A-R" in Figure 13 titled 'ML 1535 Surface Water and Groundwater Monitoring Locations' in the "Cowal Gold Operations Water Management Plan" dated May 2015.
21	Groundwater quality monitoring	Piezometer located up gradient of northern tailings storage labelled as "P558A-R" in Figure 13 titled 'ML 1535 Surface Water and Groundwater Monitoring Locations' in the "Cowal Gold Operations Water Management Plan" dated May 2015.
22	Groundwater quality monitoring	Piezometer located down gradient of southern tailings storage labelled as "P412A-R" in Figure 13 titled 'ML 1535 Surface Water and Groundwater Monitoring Locations' in the "Cowal Gold Operations Water Management Plan" dated May 2015.
23	Groundwater quality monitoring	Piezometer located down gradient of southern tailings storage labelled as "P412A" in Figure 13 titled 'ML 1535 Surface Water and Groundwater Monitoring Locations' in the "Cowal Gold Operations Water Management Plan" dated May 2015.
24	Groundwater quality monitoring	Piezometer located down gradient of southern tailings storage labelled as "P414A" in Figure 13 titled 'ML 1535 Surface Water and Groundwater Monitoring Locations' in the "Cowal Gold Operations Water Management Plan" dated May 2015.
25	Groundwater quality monitoring	Piezometer located down gradient of southern tailings storage labelled as "P414B" in Figure 13 titled 'ML 1535 Surface Water and Groundwater Monitoring Locations' in the "Cowal Gold Operations Water Management Plan" dated May 2015.

26	Groundwater quality monitoring	Piezometer located near the process plant area labelled as "PP03" in Figure 13 titled 'ML 1535 Surface Water and Groundwater Monitoring Locations' in the "Cowal Gold Operations Water Management Plan" dated May 2015.
27	Groundwater quality monitoring	Piezometer located near the process plant area labelled as "PP04" in Figure 13 titled 'ML 1535 Surface Water and Groundwater Monitoring Locations' in the "Cowal Gold Operations Water Management Plan" dated May 2015.
30	Groundwater quality monitoring	Piezometer located down gradient of southern tailings storage labelled as "P417A" in Figure 13 titled 'ML 1535 Surface Water and Groundwater Monitoring Locations' in the "Cowal Gold Operations Water Management Plan" dated May 2015.
31	Groundwater quality monitoring	Piezometer located down gradient of southern tailings storage labelled as "P417B" in Figure 13 titled 'ML 1535 Surface Water and Groundwater Monitoring Locations' in the "Cowal Gold Operations Water Management Plan" dated May 2015.
32	Groundwater quality monitoring	Piezometer located down gradient of northern tailings storage labelled as "P418A" in Figure 13 titled 'ML 1535 Surface Water and Groundwater Monitoring Locations' in the "Cowal Gold Operations Water Management Plan" dated May 2015.
33	Groundwater quality monitoring	Piezometer located down gradient of northern tailings storage labelled as "P418B" in Figure 13 titled 'ML 1535 Surface Water and Groundwater Monitoring Locations' in the "Cowal Gold Operations Water Management Plan" dated May 2015.

34	Groundwater quality monitoring	Piezometer located down gradient of northern tailings storage labelled as "TSFNA" in Figure 13 titled 'ML 1535 Surface Water and Groundwater Monitoring Locations' in the "Cowal Gold Operations Water Management Plan" dated May 2015.
36	Groundwater quality monitoring	Pit dewatering bore labelled as "PDB1A" in Figure 13 titled 'ML 1535 Surface Water and Groundwater Monitoring Locations' in the "Cowal Gold Operations Water Management Plan" dated May 2015.
38	Groundwater quality monitoring	Pit dewatering bore labelled as "PDB3A" in Figure 13 titled 'ML 1535 Surface Water and Groundwater Monitoring Locations' in the "Cowal Gold Operations Water Management Plan" dated May 2015.
40	Groundwater quality monitoring	Pit dewatering bore labelled as "PDB5A" in Figure 13 titled 'ML 1535 Surface Water and Groundwater Monitoring Locations' in the "Cowal Gold Operations Water Management Plan" dated May 2015.
41	Northern waste emplacement leachate quality monitoring	Exact site to be determined upon commencement of waste rock dump.
42	Southern waste emplacement leachate quality monitoring	Exact site to be determined upon commencement of waste rock dump.
43	Perimeter waste emplacement leachate quality monitoring.	Exact site to be determined upon commencement of waste rock dump.
44	Groundwater quality monitoring	Groundwater monitoring bore east of the northern tailings storage labelled as "MON-01A" in Figure 13 titled 'ML 1535 Surface Water and Groundwater Monitoring Locations' in the "Cowal Gold Operations Water Management Plan" dated May 2015.
45	Groundwater quality monitoring	Groundwater monitoring bore south of the southern tailings storage labelled as "MON-02A" in Figure 13 titled 'ML 1535 Surface Water and Groundwater Monitoring Locations' in the "Cowal Gold Operations Water Management Plan" dated May 2015.

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48	Water quality monitoring point	Water quality monitoring point	Automated sampler at the process plant labelled as "Monitoring Point 48" on Figure 1 "Monitoring Location for CNwad levels in Tailings Slurry Stream at the Process Plant" submitted to the DECCW on 3-12-2010 held on file LIC07/2610-08
50	Groundwater quality monitoring		Piezometer located down gradient of northern tailings storage labelled as "TSFNB" in Figure 13 titled 'ML 1535 Surface Water and Groundwater Monitoring Locations' in the "Cowal Gold Operations Water Management Plan" dated May 2015.
51	Groundwater quality monitoring		Piezometer located down gradient of northern tailings storage labelled as "TSFNC" in Figure 13 titled 'ML 1535 Surface Water and Groundwater Monitoring Locations' in the "Cowal Gold Operations Water Management Plan" dated May 2015.
52	Groundwater quality monitoring		Pit dewatering bore labelled as "PDB1B" in Figure 13 titled 'ML 1535 Surface Water and Groundwater Monitoring Locations' in the "Cowal Gold Operations Water Management Plan" dated May 2015.
53	Groundwater quality monitoring		Pit dewatering bore labelled as "PDB3B" in Figure 13 titled 'ML 1535 Surface Water and Groundwater Monitoring Locations' in the "Cowal Gold Operations Water Management Plan" dated May 2015.
54	Groundwater quality monitoring		Pit dewatering bore labelled as "PDB5B" in Figure 13 titled 'ML 1535 Surface Water and Groundwater Monitoring Locations' in the "Cowal Gold Operations Water Management Plan" dated May 2015.
55	Groundwater quality monitoring		Groundwater monitoring bore located to the east of the northern tailings storage labelled as "MON-01B" in Figure 13 titled 'ML 1535 Surface Water and Groundwater Monitoring Locations' in the "Cowal Gold Operations Water Management Plan" dated May 2015

56	Groundwater quality monitoring	Groundwater monitoring bore located south of the southern tailings storage labelled "MON-02B" on Figure 13 titled 'ML 1535 Surface Water and Groundwater Monitoring Locations' in the "Cowal Gold Operations Water Management Plan" dated May 2015.

P1.4 The following points in the table are identified in this licence for the purposes of the monitoring of weather parameters at the point.

EPA Identification Number	Type of Monitoring Point	Description of Location
7	Weather analysis	Weather monitoring station labelled as "Cowal Gold Mine Meteorological Station" on Figure 4 titled 'Air Quality Monitoring Sites' in the "Cowal Gold Operations Air Quality Management Plan" dated February 2015.

3 Limit Conditions

L1 Pollution of waters

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

L2 Concentration limits

L2.1 For each monitoring/discharge point or utilisation area specified in the table\s below (by a point number), the concentration of a pollutant discharged at that point, or applied to that area, must not exceed the concentration limits specified for that pollutant in the table.

L2.2 Where a pH quality limit is specified in the table, the specified percentage of samples must be within the specified ranges.

L2.3 To avoid any doubt, this condition does not authorise the pollution of waters by any pollutant other than those specified in the table\s.

L2.4 Water and/or Land Concentration Limits

POINT 48

Pollutant	Units of Measure	50 percentile concentration limit	90 percentile concentration limit	3DGM concentration limit	100 percentile concentration limit
Cyanide (weak acid dissociable)	milligrams per litre		20		30

L3 Waste

L3.1 The licensee must not cause, permit or allow any waste generated outside the premises to be received at the premises for storage, treatment, processing, reprocessing or disposal or any waste generated at the premises to be disposed of at the premises, except as expressly permitted by the licence.

L3.2 For the purposes of condition L3.1:

a) Effluent, waste rock, and tailings generated at the premises are not defined as “waste”.

b) Waste generated at the premises described in Attachment A ‘Cowal Gold Project Proposed Bioremediation Facility’ of the licence variation application supplementary material received by DECC on 16 June 2008 and classified as general solid waste (putrescible) in accordance with the Waste Classification Guidelines (DECC, 2008) is permitted by this licence to be disposed of at the premises.

Disposal of this waste must be undertaken in accordance with the methods described in Attachment A of the licence variation application supplementary material received by DECC on 16 June 2008, and the Cowal Gold Project - Hazardous Waste and Chemical Management Plan.

c) Waste generated at the premises described in Attachment B ‘Cowal Gold Project Proposed Trash Screen Oversize Waste Management’ of the licence variation application supplementary material received by DECC on 16 June 2008 and classified as general solid waste (putrescible) in accordance with the Waste Classification Guidelines (DECC, 2008) is permitted by this licence to be disposed of at the premises.

Disposal of this waste must be undertaken in accordance with the methods described in Attachment B of the licence variation application supplementary material received by DECC on 16 June 2008, and the Cowal Gold Project - Hazardous Waste and Chemical Management Plan.

d) Waste generated at the premises described in Attachment D ‘Cowal Gold Project Proposed On-site Waste Management’ of the licence variation application supplementary material received by DECC on 16 June 2008 and classified as general solid waste (putrescible) and/or general solid waste (non-putrescible) in accordance with the Waste Classification Guidelines (DECC, 2008) is permitted by this licence to be disposed of at the premises.

e) Waste generated at the premises as described in Attachment A ’Cowal Gold Mine Proposed On-Site Waste Tyre Management’ of the licence variation application supporting documentation received by the DECC on the 4 February 2009 and classified as special waste in accordance with the Waste

Classification Guidelines (DECC 2008) is permitted by this licence to be disposed at the premises.

Disposal of this waste must be undertaken in accordance with the conditions of this licence and within the waste rock emplacements only.

L4 Noise limits

L4.1 Noise generated from the premises must not exceed criteria outlined in Table 1 at any residence on privately owned land, as shown on the plan Appendix 6 of the Cowal Gold Mine development consent DA 14/98, as modified on 7 February 2017.

Table 1

Location	Day/Evening/Night dB(A) LAeq(15 minutes)
Laurel Park, Lakeview III	39
Bramboyne, The Glen, Caloola II	38
Lakeview, Lakeview II, Foxham Downs II	37
Any other privately owned residence	35

Note:
- The noise impact assessment criteria do not apply if the Licensee has an agreement with the owner/s of the relevant residence or land to generate higher noise levels, and the Licensee has advised the NSW Department of Planning and Environment in writing of the terms of the agreement.
- The noise impact assessment criteria do not apply to property and land subject to acquisition upon request as indentified in Table 7 of Development Consent DA 14/98.

Note: LAeq means the equivalent continuous noise level – the level of noise equivalent to the energy-average of noise levels occurring over a measurement period.

L4.2 Noise generated from the premises is to be monitored and measured in accordance with the relevant requirements and exemptions of the "NSW Industrial Noise Policy".

L4.3 The noise criteria identified in condition L4.1 apply under meteorological conditions of temperature inversion conditions of up to 8.0°C/100 metres and wind speed up to 1 metre per second measured at 10 metres above ground level.

The 1 metre per second drainage-flow wind applies where the development is at higher altitude than the residential receiver, with no intervening higher ground.

The noise criteria identified in condition L4.1 do not apply during:
a) periods of rain or hail;
b) average wind speeds at microphone height that exceed 5 metres per second; or
c) average wind speeds that exceed 3 metres per second measured at 10 metres above ground level.

L4.4 Attended monitoring is to be used to evaluate compliance with conditions L4.1 to L4.3.

L4.5 Monitoring is to be carried out quarterly unless otherwise directed by the Secretary of NSW Department of Planning and Environment.

L5 Blasting

L5.1 The overpressure level from blasting operations at the premises at residences on privately owned land, when measured at the locations defined in condition M7.1 must not exceed 120 dB (Lin Peak) at any time at any noise sensitive locations. Error margins associated with any monitoring equipment used to measure this are not to be taken into account in determining whether or not the limit has been exceeded.

L5.2 The overpressure level from blasting operations at the premises at residences on privately owned land, when measured at the locations defined in condition M7.1 must not exceed 115dB (Lin Peak) Monday to Saturday during the day for more than five per cent of the total number of blasts over a period of 12 months.

The overpressure level from blasting operations at the premises at residences on privately owned land, when measured at the locations defined in condition M7.1 must not exceed 105dB (Lin Peak) Monday to Saturday during the evening for more than five per cent of the total number of blasts over a period of 12 months.

The overpressure level from blasting operations at the premises at residences on privately owned land, when measured at the locations defined in condition M7.1 must not exceed 95dB (Lin Peak) Monday to Saturday at night or on Sundays and public holidays (24 hours) for more than five per cent of the total number of blasts over a period of 12 months.

Error margins associated with any monitoring equipment used to measure this are not to be taken into account in determining whether or not the limit has been exceeded.

L5.3 Ground vibration peak particle velocity from the blasting operations at the premises at residences on privately owned land, when measured at the locations defined in condition M7.1 must not exceed 10 mm/sec at any time. Error margins associated with any monitoring equipment used to measure this are not to be taken into account in determining whether or not the limit has been exceeded.

L5.4 Ground vibration peak particle velocity from the blasting operations at the premises at residences on privately owned land, when measured at the locations defined in condition M7.1 must not exceed 5 mm/sec Monday to Saturday during the day for more than five per cent of the total number of blasts over a period of 12 months.

Ground vibration peak particle velocity from the blasting operations at the premises at residences on privately owned land, when measured at the locations defined in condition M7.1 must not exceed 2 mm/sec Monday to Saturday during the evening for more than five per cent of the total number of blasts over a period of 12 months.

Ground vibration peak particle velocity from the blasting operations at the premises at residences on privately owned land, when measured at the locations defined in condition M7.1 must not exceed 1 mm/sec Monday to Saturday at night and on Sundays and public holidays (24 hours) for more than five per cent of the total number of blasts over a period of 12 months.

Error margins associated with any monitoring equipment used to measure this are not to be taken into account in determining whether or not the limit has been exceeded.

L6 Potentially offensive odour

L6.1 No condition of this licence identifies a potentially offensive odour for the purposes of section 129 of the Protection of the Environment Operations Act 1997.

Note: Section 129 of the Protection of the Environment Operations Act 1997, provides that the licensee must not cause or permit the emission of any offensive odour from the premises but provides a defence if the emission is identified in the relevant environment protection licence as a potentially offensive odour and the odour was emitted in accordance with the conditions of a licence directed at minimising odour.

4 Operating Conditions

O1 Activities must be carried out in a competent manner

O1.1 Licensed activities must be carried out in a competent manner.
This includes:
a) the processing, handling, movement and storage of materials and substances used to carry out the activity; and
b) the treatment, storage, processing, reprocessing, transport and disposal of waste generated by the activity.

O2 Maintenance of plant and equipment

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

O2.2 All persons associated with the licensee including employee's, agents' licensee, contractors and subcontractors must be advised of their responsibilities and liabilities under the Protection of the Environment Operations Act 1997.

O3 Dust

O3.1 Activities occurring in or on the premises must be carried out in a manner that will minimise the generation, or emission from the premises, of wind-blown or traffic generated dust.

O4 Waste management

O4.1 The waste rock emplacements areas and the perimeter waste emplacement must be located on a base drainage control zone with a minimum slope towards the open pit of 1 (vertical):200 (horizontal) and be designed to ensure all seepage from beneath the waste rock emplacement areas and the perimeter waste emplacement is directed towards the open pit.

O4.2 The tailings storage facilities and contained water storage facilities must have a basal barrier or impermeable liner with an equivalent permeability of 1x10-9 metres per second over a thickness of 1 metre.

O5 Other operating conditions

O5.1 All above ground storage facilities containing flammable and combustible liquids must be bunded in accordance with Australian Standard AS 1940-2004.

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 Air Monitoring Requirements

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

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

POINT 49

Pollutant	Units of measure	Frequency	Sampling Method
Total suspended particles	micrograms per cubic metre	Weekly	Special Method 1

M2.3 Water and/ or Land Monitoring Requirements

POINT 12,13

Pollutant	Units of measure	Frequency	Sampling Method
Conductivity	microsiemens per centimetre	Special Frequency 2	In situ
pH	pH	Special Frequency 2	In situ
Total suspended solids	milligrams per litre	Special Frequency 2	Representative sample

POINT 14,16

Pollutant	Units of measure	Frequency	Sampling Method
Alkalinity (as calcium carbonate)	milligrams per litre	Quarterly	Representative sample
Antimony	milligrams per litre	Quarterly	Representative sample
Arsenic	milligrams per litre	Quarterly	Representative sample
Cadmium	milligrams per litre	Quarterly	Representative sample
Conductivity	microsiemens per centimetre	Special Frequency 1	In situ
Copper	milligrams per litre	Quarterly	Representative sample
Lead	milligrams per litre	Quarterly	Representative sample
Molybdenum	milligrams per litre	Quarterly	Representative sample
Nickel	milligrams per litre	Quarterly	Representative sample
pH	pH	Special Frequency 1	In situ
Selenium	milligrams per litre	Quarterly	Representative sample
Total suspended solids	milligrams per litre	Special Frequency 1	Representative sample
Zinc	milligrams per litre	Quarterly	Representative sample

POINT 15,17,18

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Pollutant	Units of measure	Frequency	Sampling Method
Alkalinity (as calcium carbonate)	milligrams per litre	Quarterly	Representative sample
Antimony	milligrams per litre	Quarterly	Representative sample
Arsenic	milligrams per litre	Quarterly	Representative sample
Cadmium	milligrams per litre	Quarterly	Representative sample
Conductivity	microsiemens per centimetre	Monthly	In situ
Copper	milligrams per litre	Quarterly	Representative sample
Lead	milligrams per litre	Quarterly	Representative sample
Molybdenum	milligrams per litre	Quarterly	Representative sample
Nickel	milligrams per litre	Quarterly	Representative sample
pH	pH	Monthly	In situ
Selenium	milligrams per litre	Quarterly	Representative sample
Total suspended solids	milligrams per litre	Quarterly	Representative sample
Zinc	milligrams per litre	Quarterly	Representative sample

POINT 19,21,22,23,24,25,26,27,30,31,32,33,34,44,45,50,51,55,56

Pollutant	Units of measure	Frequency	Sampling Method
Alkalinity (as calcium carbonate)	milligrams per litre	Quarterly	Representative sample
Antimony (dissolved)	milligrams per litre	Quarterly	Representative sample
Arsenic (dissolved)	milligrams per litre	Quarterly	Representative sample
Cadmium (dissolved)	milligrams per litre	Quarterly	Representative sample
Calcium	milligrams per litre	Quarterly	Representative sample
Chloride	milligrams per litre	Quarterly	Representative sample
Conductivity	microsiemens per centimetre	Monthly	In situ
Copper (dissolved)	milligrams per litre	Quarterly	Representative sample
Cyanide (weak acid dissociable)	milligrams per litre	Quarterly	Other Approved Method 1
Iron (dissolved)	milligrams per litre	Quarterly	Representative sample
Lead (dissolved)	milligrams per litre	Quarterly	Representative sample
Magnesium (dissolved)	milligrams per litre	Quarterly	Representative sample
Manganese (dissolved)	milligrams per litre	Quarterly	Representative sample
Molybdenum (dissolved)	milligrams per litre	Quarterly	Representative sample
Nickel (dissolved)	milligrams per litre	Quarterly	Representative sample
pH	pH	Monthly	In situ
Potassium	milligrams per litre	Quarterly	Representative sample
Selenium (dissolved)	milligrams per litre	Quarterly	Representative sample
Sodium	milligrams per litre	Quarterly	Representative sample

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Standing Water Level	metres	Monthly	Inspection
Sulfate	milligrams per litre	Quarterly	Representative sample
Total dissolved solids	milligrams per litre	Quarterly	Representative sample
Total Hardness	milligrams per litre	Quarterly	Representative sample
Zinc (dissolved)	milligrams per litre	Quarterly	Representative sample

POINT 36,38,40,52,53,54

Pollutant	Units of measure	Frequency	Sampling Method
Antimony (dissolved)	milligrams per litre	Quarterly	Representative sample
Arsenic (dissolved)	milligrams per litre	Quarterly	Representative sample
Cadmium (dissolved)	milligrams per litre	Quarterly	Representative sample
Calcium	milligrams per litre	Quarterly	Representative sample
Chloride	milligrams per litre	Quarterly	Representative sample
Conductivity	microsiemens per centimetre	Monthly	In situ
Copper (dissolved)	milligrams per litre	Quarterly	Representative sample
Iron (dissolved)	milligrams per litre	Quarterly	Representative sample
Lead (dissolved)	milligrams per litre	Quarterly	Representative sample
Magnesium (dissolved)	milligrams per litre	Quarterly	Representative sample
Manganese (dissolved)	milligrams per litre	Quarterly	Representative sample
Molybdenum (dissolved)	milligrams per litre	Quarterly	Representative sample
Nickel (dissolved)	milligrams per litre	Quarterly	Representative sample
pH	pH	Monthly	In situ
Potassium	milligrams per litre	Quarterly	Representative sample
Selenium (dissolved)	milligrams per litre	Quarterly	Representative sample
Sodium	milligrams per litre	Quarterly	Representative sample
Standing Water Level	metres	Monthly	Inspection
Sulfate	milligrams per litre	Quarterly	Representative sample
Total dissolved solids	milligrams per litre	Quarterly	Representative sample
Total Hardness	milligrams per litre	Quarterly	Representative sample
Zinc (dissolved)	milligrams per litre	Quarterly	Representative sample

POINT 41,42,43

Pollutant	Units of measure	Frequency	Sampling Method
Alkalinity (as calcium carbonate)	milligrams per litre	Quarterly	Representative sample
Antimony (dissolved)	milligrams per litre	Quarterly	Representative sample
Arsenic (dissolved)	milligrams per litre	Quarterly	Representative sample

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Cadmium (dissolved)	milligrams per litre	Quarterly	Representative sample
Calcium	milligrams per litre	Quarterly	Representative sample
Chloride	milligrams per litre	Quarterly	Representative sample
Conductivity	microsiemens per centimetre	Monthly	In situ
Copper (dissolved)	milligrams per litre	Quarterly	Representative sample
Iron (dissolved)	milligrams per litre	Quarterly	Representative sample
Lead (dissolved)	milligrams per litre	Quarterly	Representative sample
Magnesium (dissolved)	milligrams per litre	Quarterly	Representative sample
Manganese (dissolved)	milligrams per litre	Quarterly	Representative sample
Molybdenum (dissolved)	milligrams per litre	Quarterly	Representative sample
Nickel (dissolved)	milligrams per litre	Quarterly	Representative sample
pH	pH	Monthly	In situ
Potassium	milligrams per litre	Quarterly	Representative sample
Selenium (dissolved)	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 Hardness	milligrams per litre	Quarterly	Representative sample
Zinc (dissolved)	milligrams per litre	Quarterly	Representative sample

POINT 48

Pollutant	Units of measure	Frequency	Sampling Method
Cyanide (total)	milligrams per litre	Weekly	Other Approved Method 2
Cyanide (weak acid dissociable)	milligrams per litre	2 times daily during discharge	Other Approved Method 3

M2.4 For the purposes of the table(s) above

- Special Frequency 1 means "the collections of samples weekly and following rainfall events of 20mm or greater in a 24 hour period".
- Special Frequency 2 means "the collection of samples monthly and following rainfall events of 20mm or greater in a 24 hour period".
- Special Method 1 means "the collection and analysis of samples generally in accordance with AS/NZS 3580.9.6:2015".
- Other Approved Method 1 means "methods based on 22nd Ed. APHA 4500-CN Method O (or most contemporary APHA methods for analysing WAD cyanide), or as otherwise approved under EPL Condition M3.2".
- Other Approved Method 2 means "methods based on 22nd Ed. APHA 4500-CN Method B, C, E and/or O (or most contemporary APHA methods for analysing total cyanide), or as otherwise approved under EPL Condition M3.2".

- Other Approved Method 3 means "methods based on 22nd Ed. APHA 4500-CN Method B, C, E, I and/or O (or most contemporary APHA methods for analysing WAD cyanide), or as otherwise approved under EPL Condition M3.2".
- Monitoring at points 14, 15, 16, 17 & 18 is not required when the monitoring site is dry or if the water level of Lake Cowal is at or below 204.5 metres Australian Height Datum or when the monitoring site is unable to be accessed safely. Monitoring is required to recommence when the outcome of a risk assessment determines a low or acceptable risk associated with the monitoring site.
- Monitoring at points 36, 38, 40, 52, 53 & 54 is not required where a piezometer is lost or destroyed as a result of mine growth.

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:
a) any methodology which is required by or under the Act to be used for the testing of the concentration of the pollutant; or
b) 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
c) 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 2010* requires testing for certain purposes to be conducted in accordance with test methods contained in the publication "Approved Methods for the Sampling and Analysis of Air Pollutants in NSW".

M4 Weather monitoring

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

Point 7

Parameter	Units of Measure	Frequency	Averaging Period	Sampling Method
Rainfall	mm	Continuous	24 hour	AM-4

Wind speed @ 10 metres	m/s	Continuous	15 minute	AM-2 & AM-4
Wind direction @ 10 metres	degrees	Continuous	15 minute	AM-2 & AM-4
Temperature @ 2 metres	degrees celcius	Continuous	15 minute	AM-4
Temperature @ 10 metres	degrees celcius	Continuous	15 minute	AM-4
Sigma theta @ 10 metres	degrees	Continuous	15 minute	AM-2 & AM-4
Solar radiation	W/m2	Continuous	15 minute	AM-4
Additional requirements				
- Sitting				AM-1 & AM-4
- Measurement				AM-2 & AM-4

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 3 months after: the date of the issue of this licence.

M7 Blasting

M7.1 To determine compliance with condition(s) L5.1, L5.2, L5.3 and L5.4:

(a) Airblast overpressure and ground vibration levels must be measured at near by residences labelled as "BM01", "BM02", "BM03" and "BM08.1" on Figure 3 titled 'Blast Monitoring Locations' in the "Cowal Gold Operations Blast Management Plan" dated January 2015 for all blasts carried out on the premises; and

(b) Instrumentation used to measure the airblast overpressure and ground vibration levels must meet the requirements of Australian Standard AS 2187.2-2006.

(c) Monitoring at blast monitor BM01 is not required when the monitoring site is unable to be accessed safely. Monitoring is required to recommence when the outcome of a risk assessment determines a low or acceptable risk is associated with accessing the monitoring site.

6 Reporting Conditions

R1 Annual return documents

R1.1 The licensee must complete and supply to the EPA an Annual Return in the approved form comprising:

1. a Statement of Compliance,
2. a Monitoring and Complaints Summary,
3. a Statement of Compliance - Licence Conditions,
4. a Statement of Compliance - Load based Fee,
5. a Statement of Compliance - Requirement to Prepare Pollution Incident Response Management Plan,
6. a Statement of Compliance - Requirement to Publish Pollution Monitoring Data; and
7. a Statement of Compliance - Environmental Management Systems and Practices.

At the end of each reporting period, the EPA will provide to the licensee a copy of the form that must be completed and returned to the EPA.

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

R1.3 Where this licence is transferred from the licensee to a new licensee:
a) the transferring licensee must prepare an Annual Return for the period commencing on the first day of the reporting period and ending on the date the application for the transfer of the licence to the new licensee is granted; and
b) the new licensee must prepare an Annual Return for the period commencing on the date the application for the transfer of the licence is granted and ending on the last day of the reporting period.

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

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

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

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

R1.7 Within the Annual Return, the Statements of Compliance must be certified and the Monitoring and Complaints Summary must be signed by:
a) the licence holder; or
b) by a person approved in writing by the EPA to sign on behalf of the licence holder.

R1.8 The results of the blast monitoring required by condition M7.1 must be submitted to the EPA at the end of each reporting period.

R1.9 The licensee must report any exceedence of the licence blasting limits to the regional office of the EPA as soon as practicable after the exceedence becomes known to the licensee or to one of the licensee's employees or agents.

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.

R3 Written report

R3.1 Where an authorised officer of the EPA suspects on reasonable grounds that:
a) where this licence applies to premises, an event has occurred at the premises; or
b) where this licence applies to vehicles or mobile plant, an event has occurred in connection with the carrying out of the activities authorised by this licence,
and the event has caused, is causing or is likely to cause material harm to the environment (whether the harm occurs on or off premises to which the licence applies), the authorised officer may request a written

report of the event.

R3.2 The licensee must make all reasonable inquiries in relation to the event and supply the report to the EPA within such time as may be specified in the request.

R3.3 The request may require a report which includes any or all of the following information:
a) the cause, time and duration of the event;
b) the type, volume and concentration of every pollutant discharged as a result of the event;
c) the name, address and business hours telephone number of employees or agents of the licensee, or a specified class of them, who witnessed the event;
d) the name, address and business hours telephone number of every other person (of whom the licensee is aware) who witnessed the event, unless the licensee has been unable to obtain that information after making reasonable effort;
e) action taken by the licensee in relation to the event, including any follow-up contact with any complainants;
f) details of any measure taken or proposed to be taken to prevent or mitigate against a recurrence of such an event; and
g) any other relevant matters.

R3.4 The EPA may make a written request for further details in relation to any of the above matters if it is not satisfied with the report provided by the licensee. The licensee must provide such further details to the EPA within the time specified in the request.

7 General Conditions

G1 Copy of licence kept at the premises or plant

G1.1 A copy of this licence must be kept at the premises to which the licence applies.

G1.2 The licence must be produced to any authorised officer of the EPA who asks to see it.

G1.3 The licence must be available for inspection by any employee or agent of the licensee working at the premises.

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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 2009
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.
annual return	Is defined in R1.1
Approved Methods Publication	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009
assessable pollutants	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009
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
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 Environment Protection Authority of New South Wales.
fee-based activity classification	Means the numbered short descriptions in Schedule 1 of the Protection of the Environment Operations (General) Regulation 2009.
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

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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 Environmen t 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
load calculation protocol	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009
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 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 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 mo nths. 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*.

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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 Gary Whytcross

Environment Protection Authority

(By Delegation)

Date of this edition: 23-December-2003

Environment Protection Licence

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End Notes

1	Licence varied by notice 1033577, issued on 29-Dec-2003, which came into effect on 06-Jan-2004.
2	Licence varied by notice 1036004, issued on 21-May-2004, which came into effect on 27-May-2004.
3	Licence varied by notice 1040028, issued on 24-Sep-2004, which came into effect on 19-Oct-2004.
4	Licence varied by notice 1046237, issued on 19-Apr-2005, which came into effect on 21-Apr-2005.
5	Licence varied by notice 1054664, issued on 17-Jan-2006, which came into effect on 02-Feb-2006.
6	Licence varied by correction to DEC Region, issued on 12-Apr-2007, which came into effect on 12-Apr-2007.
7	Licence varied by notice 1072359, issued on 16-Jul-2008, which came into effect on 16-Jul-2008.
8	Condition A1.3 Not applicable varied by notice issued on <issue date> which came into effect on <effective date>
9	Licence varied by notice 1097712, issued on 06-Apr-2009, which came into effect on 06-Apr-2009.
10	Licence varied by notice 1103991, issued on 17-Jul-2009, which came into effect on 17-Jul-2009.
11	Licence varied by notice 1126045, issued on 24-Jun-2011, which came into effect on 24-Jun-2011.
12	Licence varied by notice 1513100 issued on 02-May-2013
13	Licence varied by notice 1522063 issued on 21-May-2014
14	Licence varied by notice 1523564 issued on 24-Jul-2014
15	Licence varied by notice 1525458 issued on 10-Oct-2014
16	Licence varied by notice 1528088 issued on 03-Feb-2015
17	Licence format updated on 03-Sep-2015
18	Licence varied by notice 1544422 issued on 20-Feb-2017
19	Licence varied by notice 1550488 issued on 04-Apr-2017
20	Licence varied by notice 1552215 issued on 23-May-2017
21	Licence varied by notice 1563761 issued on 19-Apr-2018

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