


Licence - 944

	4
Dictionary -----	4
Responsibilities of licensee -----	4
Variation of licence conditions -----	4
Duration of licence -----	4
Licence review -----	4
Fees and annual return to be sent to the EPA -----	4
Transfer of licence -----	5
Public register and access to monitoring data -----	5
	6
A1 What the licence authorises and regulates -----	6
A2 Premises or plant to which this licence applies -----	6
A3 Information supplied to the EPA -----	7
	7
P1 Location of monitoring/discharge points and areas -----	7
	8
L1 Pollution of waters -----	8
L2 Load limits -----	8
L3 Concentration limits -----	9
L4 Noise limits -----	10
L5 Blasting -----	11
	12
O1 Activities must be carried out in a competent manner -----	12
O2 Maintenance of plant and equipment -----	12
O3 Dust -----	12
	13
M1 Monitoring records -----	13
M2 Requirement to monitor concentration of pollutants discharged -----	13
M3 Testing methods - concentration limits -----	14
M4 Testing methods - load limits -----	15
M5 Weather monitoring -----	15
M6 Recording of pollution complaints -----	15
M7 Telephone complaints line -----	16
	16
R1 Annual return documents -----	16



Licence - 944

R2	Notification of environmental harm	17
R3	Written report	18
G1	Copy of licence kept at the premises or plant	18
	General Dictionary	19



Licence - 944

A d



Licence - 944

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.

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

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



Licence - 944

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.

Cement or lime works	Cement or lime production	> 100000 - 250000 T annual production capacity
Mining for minerals	Mining for minerals	> 2000000 - 5000000 T annual production capacity

A2.1 The licence applies to the following premises:

A2.2 Additional Premises Description:

Lot 1 DP 23030; Lot 130 A/C 15310-179; Lot 186 A/C 15310-179; Lot 189 A/C 15310-179; Lot 193 A/C 15310-179; Lot 4 DP 216767; Lot 82 DP 750029; Lot 114 DP 750029; Lot 115 DP 50029; Lot 131 DP 750029; Lot 132 DP 750029; Lot 154 DP 750029; Lot 156 DP 750029; Lot 165 DP 750029; Lot 197 DP 750029; Lot 196 DP 750029; Lot 6 DP 111641; Lot 7 DP 111641; Lot 1 DP 527500; Lot 2 DP 527500; Lot 3 DP 527500; Lot 1701 DP 610507; Lot 1702 DP 610507; Lot 1 DP 617992; Lot 3 DP 617992; Lot 14 DP 111641; Lot 15 DP 111641; Lot 16 DP 111641; Lot 9 DP 111645; Lot 1 DP 371167; Lot 113 DP 830458; Lot 1 DP 860561; Lot 2 DP 860561; Lot A DP 368922; Lot B DP 368922; Lot 2 DP 536838; Lot 22 DP 867667; Lot 1 DP 1124189; Lot 2 DP 1124189; Lot 12 DP 881240; Lot 23 DP 867667; Lot 3 DP 203290; Lot 4 DP 203290; Lot 282 DP 750029; Lot 32 DP 750029; Lot 193 DP 750029; Lot 115 DP 750029; Lot 186 DP 750029; Lot 179 DP 750029; Lot 83 DP 750029; Lot 155 DP 750029; Lot 87 DP 750029; Lot 98 DP 750029; Lot 187 DP 750029; Lot 191 DP 750029; Lot 7303 DP 1149129; Lot 7301 DP 1149129; Lot 7302 DP 1149129; Lot 7300 DP 1149129; Lot 24 DP 867667; Lot 1 DP 860561; Lot 2 DP 860561; Lot 1 DP 261615; Lot 2 DP 527500; Lot 1 DP 527500; Lot 1 DP 106569; Lot 2 DP 106569; Lot

Licence - 944

100 DP 1064794; Lot 12 DP 570616; Lot 111 DP 830458; Lot 114 DP 830458; Lot 112 DP 830458; Lot 113 DP 830458; Lot 2 DP 1186554; Lot 1 DP 132244; Lot 2 DP 132244; Lot 3 DP 106569; Lot 3 DP 527501; Lot 4 DP 106569 and Lot 21 DP 657523.

A2.3 The premises is identified by the most recently approved premises map held on EPA electronic file as DOC23/6902-2.

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.

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

1	Dust monitoring		High Volume Air Sampler labelled as "EPL1" on map titled "230109 EPL944 Premise Map" (DOC23/6902-2)
11	Discharge to air; Air emissions monitoring	Discharge to air; Air emissions monitoring	Kiln Stack labelled as "EPL11" on map titled "230109 EPL944 Premise Map" (DOC23/6902-2)
12	Discharge to air; Air emissions monitoring	Discharge to air; Air emissions monitoring	Lime Hydration Plant Stack labelled as "EPL12" on map titled "230109 EPL944 Premise Map" (DOC23/6902-2)
16	Dust Monitoring		Dust Deposition Gauge located within the premises labelled as "EPL16" on map titled "230109 EPL944 Premise Map" (DOC23/6902-2)
17	Dust monitoring		Dust deposition gauge at Sub station. Dust monitoring station located within the premises labelled as "EPL17" on map titled "230109 EPL944 Premise Map" (DOC23/6902-2)



Licence - 944

18	Dust monitoring	Dust deposition gauge at Freddy's hill. Dust monitoring station located within the premises labelled as "EPL18" on map titled "230109 EPL944 Premise Map" (DOC23/6902-2)
21	Weather monitoring	Weather monitoring station located within the premises labelled as "EPL21" on map titled "230109 EPL944 Premise Map" (DOC23/6902-2)

P1.2 The following points referred to in the table are identified in this licence for the purposes of the monitoring and/or the setting of limits for discharges of pollutants to water from the point.

W a t e r a a

13	Groundwater Monitoring	Groundwater Monitoring Point labelled as "MW05" on map entitled 'EPL 944 Groundwater Monitoring Point Location Change- December 2020" (DOC20/1014984)
----	------------------------	---

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.

L2.1 The actual load of an assessable pollutant discharged from the premises during the reporting period must not exceed the load limit specified for the assessable pollutant in the table below.

L2.2 The actual load of an assessable pollutant must be calculated in accordance with the relevant load calculation



Licence - 944

Sulfur Oxides (Air)	170.00
---------------------	--------

Note: An assessable pollutant is a pollutant which affects the licence fee payable for the licence.

Note: Lead and Mercury load limits were derived from 5 years of annual returns and discussion with the licensee. Load limits are to be reviewed in 2025.

L3.1 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.

L3.2 Air Concentration Limits

PM10	micrograms per cubic metre	25(Annual) 50(24hr)
PM2.5	micrograms per cubic metre	8(Annual) 25(24hr)
Total suspended particulate matter		
13.75 per cubic metre (annual) 34.25 per cubic metre (24hr) (condition of licence)		



Licence - 944

L4.1 Noise generated at the premises must not exceed the noise limits at times and locations specified in the table below. The locations referred to in the table below are indicated by "Marulan South Limestone Mine Continued Operations - Environmental Impacts Statement prepared for Boral Cement March 2019 - Appendix F Noise and Blasting Assessment - Figure 5.1".

A large rectangular area that has been redacted with a light grey fill. It contains three horizontal lines, suggesting the structure of a table with three rows, but the content is completely obscured.

Licence - 944

(ii) in an area within 30 meters of a residence façade, but not closer than 3 meters where any residence on the property is situated more than 30 meters from the property boundary closest to the licensed premises; or, where applicable;

(iii) in an area within 50 meters of the boundary of the premises; or, where applicable;

(iv) at any other location identified in Condition L4.1.

b) with the LAeq(15 minute) or the LAmax noise limits in condition L4.1 and L4.3, the noise measurement equipment must be located:

(i) at the reasonably most affected point at a location where there is no residence at the location; or,

(ii) at the reasonably most affected point within an area at a location prescribed by condition L4.5(a).

L4.6 A non-compliance of condition L4.1 and L4.3 will still occur where noise generated from the premises is measured in excess of the noise limit at a point other than the reasonably most effected point at the locations referred to in condition L4.5(a) or L4.5(b).

Note: Note to L4.5 and L4.6: The reasonably most affected point is a point at a location or within an area at a location experiencing or expected to experience the highest noise generated from the premises.

L4.7 For the purpose of determining the noise generated from the premises, the modifying factor corrections in Table C1 in Fact Sheet C of the (NSW EPA, 2017) should be applied, as appropriate, to the noise measurement by the noise monitoring equipment.

L4.8 Noise measurement must not be undertaken where rain or wind speed at microphone level will affect the acquisition of valid measurements.

L4.9 Where it can be demonstrated that direct measurement of noise from the premises is impractical at location/s nominated in L4.1, the EPA may accept alternative means of determining compliance. See Chapter 7 of the

Note: Definitions

For the purpose of this license the following definitions apply:

- 'sound pressure levels' for the purposes of conditions L4.1 to L4.9.
- the value of the A-weighted sound pressure level of a continuous steady sound that, over 15 minute time interval, has the same mean square sound pressure level as a sound under consideration with a level that varies with time (AS1055.1-1997).
- the maximum sound pressure level of an event measured with a sound level meter satisfying AS IEC 61672.1-2004 set to 'A' frequency weighting and fast time weighting.

L5.1 The airblast overpressure level from blasting operations at the premises must not exceed 120dB (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 airblast overpressure level from blasting operations at the licensed premises must not exceed 120dB (Lin Peak) at any one 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.



Licence - 944

- L5.3 The airblast overpressure level from blasting operations at the licensed premises must not exceed 115dB (Lin Peak) at any noise sensitive locations for more than five per cent of the total number of blasts over each reporting period. 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 licensed premises must not exceed 10mm/sec 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.
- L5.5 Ground vibration peak particle velocity from the blasting operations at the licensed premises must not exceed 5mm/sec at any time at any noise sensitive locations for more than five per cent of the total number of blasts over each reporting period. 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.
- L5.6 Blasting at the licensed premises may only take place between 9:00am-5:00pm Monday to Friday. Blasting is not permitted on weekends or public holidays.
- L5.7 Blasting outside of the hours specified in L5.6 can only take place with the written approval of the EPA.
- L5.8 The airblast overpressure and ground vibration levels in conditions L5.1 to L5.4 do not apply at noise sensitive locations that are owned by the licensee or subject to a private agreement, relating to airblast overpressure and ground vibration levels, between the licensee and the land owner.
- 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.
- O2.1 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.
- O3.1 All operations and activities occurring at the premises must be carried out in a manner that will prevent and or minimise the emission of air pollutants, including dust, from the premises.



Licence - 944

O3.2 Trucks transporting materials from the premises must be covered as soon as practicable after loading prior to leaving the premises.

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.

M2.1 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

PM10	milligrams per cubic metre	Special Frequency 2	AM-18
------	----------------------------	---------------------	-------

Nitrogen Oxides	grams per cubic metre	Yearly	TM-11
Solid Particles	milligrams per cubic metre	Yearly	TM-15



Licence - 944

- 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 _____ 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".

Note: Division 4 of the _____ requires that



Licence - 944

- 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 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 Where the licensee is unable to complete a part of the Annual Return by the due date because the licensee was unable to calculate the actual load of a pollutant due to circumstances beyond the licensee's control, the licensee must notify the EPA in writing as soon as practicable, and in any event not later than the due date. The notification must specify:

- a) the assessable pollutants for which the actual load could not be calculated; and
- b) the relevant circumstances that were beyond the control of the licensee.

R1.7 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.

R1.8 Within the Annual Return, the Statements of Compliance must be certified and the Monitoring and Complaints Summary must be signed by:

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

Note:



Licence - 944

Means a sample whose composites are sized in proportion to the flow at each composites time of collection.

Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997

Means a single sample taken at a point at a single time

Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997

Means the licence holder described at the front of this licence

Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009

Has the same meaning as in the Protection of the Environment Operations Act 1997

Has the same meaning as in section 147 Protection of the Environment Operations Act 1997

Means methylene blue active substances

Means the Minister administering the Protection of the Environment Operations Act 1997

Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997

Has the same meaning as in the Protection of the Environment Operations Act 1997

Means oil and grease

Means that percentage [eg.50%] of the number of samples taken that must meet the concentration limit spec



Licence - 944

This table contains several rows of text, many of which are obscured by heavy black redaction bars. The text is highly fragmented and illegible due to the redactions.

Environment Protection Authority

(By Delegation)

Date of this edition: 25-August-2000



Licence - 944
