



DOC22/480625

Alison Sharp  
Principal Planning Officer  
Department of Planning, Industry and Environment  
Locked Bag 5022  
PARRAMATTA NSW 2124

Email: [alison.sharp@planning.nsw.gov.au](mailto:alison.sharp@planning.nsw.gov.au)

Dear Ms Sharp

**SSD 10369 - Albion Park Quarry - Stage 7**  
**Cleary Bros (Bombo) Pty Ltd**

I refer to your email and supporting documentation to the NSW Environment Protection Authority (EPA) on 18 May 2022 seeking comment on the above development application (SSD 10369). The application proposes a new extension (Stage 7) to the existing quarry at Dunsters Lane, Croom NSW 2527. The EPA regulates the activities at the premises through Environment Protection Licence (EPL) number 299.

The EPA has undertaken a review of the supporting documentation and provides recommended conditions in the attachment to this letter (**Attachment A**) to assist the Department of Planning, Industry, and Environment in the assessment of the proposal. These conditions relate to Noise.

The existing dust deposition monitors, the High Volume Air Sampler (HVAS) and the metrological monitoring station may be relocated following commencement of Stage 7. EPA proposes to manage any changes through a variation of the EPL conditions as necessary. Any relocation of monitors will also be required to be detailed within the updated Air Quality Management Plan (AQMP).

If you have any questions about this request, please contact Matt Fuller at (02) 4224 4100 or via email at [matthew.fuller@epa.nsw.gov.au](mailto:matthew.fuller@epa.nsw.gov.au).

Yours sincerely

A handwritten signature in blue ink, appearing to read 'Greg Newman', written over a light blue horizontal line.

17/6/2022

**GREG NEWMAN**  
**Unit Head Regulation**

## **Attachment A**

### **NOISE**

- L4.1** Noise generated at the premises must not exceed the noise limits at the times and locations in the table below. (Note: Proponent to check and confirm all Lot/DP details and Addresses for accuracy).

Location	Noise Limits in dB(A)
	Day
	L <sub>Aeq</sub> (15 minute)
2 James Road, Croom (Lot 50, DP 1013688)	40
42 James Road, Croom (Lot 1, DP 430361)	42
126 James Road, Croom (Lot 100, DP 717430)	40
138 Dunsters Lane, Croom (Lot 31, DP 858971)	40
125 Dunsters Lane, Croom (Lot 32, DP 858971)	40
35 James Road, Croom (Lot 71, DP 837462)	40
144 James Road, Croom (Lot 2, DP 607560)	40
183 James Road, Dunmore (Lot 6, DP 1030504)	40
86 Jarrah Way, Albion Park Rail (Lot 948, DP 836257)	41

- L4.2** For the purposes of condition L4.1:

- a) Day means the period from 7am to 6pm Monday to Saturday and the period from 8am to 6pm Sunday and public holidays.

### **L4.3 - Standard Meteorological Conditions**

- a) The noise limits set out in condition L4.1 apply under the following meteorological conditions:

Assessment Period	Meteorological Conditions
Day	Stability Categories A, B, C and D with wind speeds up to and including 0.5m/s at 10m above ground level

- b) For those meteorological conditions not referred to in condition L4.3(a), the noise limits that apply are the noise limits in condition L4.1 plus 5dB.

- L4.4** For the purposes of condition L4.3:

- a) The meteorological conditions are to be determined from meteorological data obtained from the on-site meteorological weather station identified as 'Weather Station Monitoring Point'
- b) Stability category shall be determined using the following method from Fact Sheet D of the *Noise Policy for Industry* (NSW EPA, 2017):
- i. Use of sigma-theta data (section D1.4).

**L4.5** To assess compliance:

- a) with the  $L_{Aeq(15 \text{ minutes})}$  or the  $L_{Amax}$  noise limits in condition L4.1 and L4.3, the noise measurement equipment must be located:
  - (i) approximately on the property boundary, where any residence is situated 30 metres or less from the property boundary closest to premises; or where applicable,
  - (ii) in an area within 30 metres of a residence façade, but not closer than 3 metres where any residence on the property is situated more than 30 metres from the property boundary closest to the premises; or, where applicable,
  - (iii) in an area within 50 metres of the boundary of a National Park or Nature Reserve,
  - (iv) at any other location identified in condition L4.1
- b) with the  $L_{Aeq(15 \text{ minutes})}$  or the  $L_{Amax}$  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 conditions 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 affected point at the locations referred to in condition L4.5 (a) or L4.5 (b).

**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 sound pressure level 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 *Noise Policy for Industry* (NSW EPA, 2017) may be applied, if appropriate, to the noise measurements by the noise monitoring equipment.

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

### **Monitoring Conditions**

**M8.1** The meteorological weather station identified as 'Weather Station Monitoring Point' must be maintained so as to be capable of continuously monitoring the parameters specified in condition M7.2.

**M8.2** 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.

Parameter	Units of Measure	Frequency	Averaging Period	Sampling Method
Air temperature	°C	Continuous	1 hour	AM-4
Wind direction	°	Continuous	15 minute	AM-2 & AM-4
Wind speed	m/s	Continuous	15 minute	AM-2 & AM-4
Sigma theta	°	Continuous	15 minute	AM-2 & AM-4

Rainfall	mm	Continuous	15 minute	AM-4
Relative humidity	%	Continuous	1 hour	AM-4

## **Reporting Conditions**

### **R4 Noise Monitoring Report**

A noise compliance assessment report must be submitted to the EPA within 30 days of the completion of the noise monitoring. The assessment must be prepared by a competent person and include:

- a) an assessment of compliance with noise limits presented in Condition L4.1 and L4.3; and
- b) an outline of any management actions taken within the monitoring period to address any exceedances of the limits contained in Condition L4.1 and L4.3.

## **Special Conditions**

### **E1 Noise Verification Program**

The licensee must complete a Noise Verification Program to assess compliance with the noise limits outlined in Condition L4.1. The verification program must include three separate monitoring events over a twelve-month period and be undertaken in accordance with the noise monitoring conditions outlined below. The program should aim to undertake monitoring in a variety of temperature conditions and/or weather seasons.

Attended noise monitoring must be undertaken in accordance with Condition L4.5 and:

- a) occur on three occasions over a twelve-month period;
- b) occur during each day and evening period as defined in the Noise Policy for Industry for a minimum of:
  - 1.5 hours during the day; and
  - 30 minutes during the evening
- c) occur for two consecutive operating days.

The licensee must provide a Noise Verification Program report to the EPA within two months of the completion of the third monitoring occasion.

The assessment must be prepared by a suitably qualified and experienced acoustical consultant and include:

- a) an assessment of compliance with noise limits presented in Conditions L4.1 and L4.3; and
- b) an outline of any management actions taken to address any exceedances of the limits contained in Conditions L4.1 and L4.3

Note: As an outcome of this verification program, the EPA may implement ongoing routine monitoring in consultation with the Proponent.