



Adelaide Brighton Cement Ltd

an **ADBRI** company

adelaidebrighton.com.au

Adelaide Brighton Cement Ltd
ABN 96 007 870 199
PO Box 77
Port Adelaide SA 5015
+61 8 8300 0300

QUARTERLY NOISE MANAGEMENT REPORT FOR BIRKENHEAD WORKS

COMPLIANCE DATE: 15/08/2023– Quarter 2 2023
EPA Licence 1126: Noise Management Plan (U-787)

Licensed site: Adelaide Brighton Cement, Birkenhead Works

62 Elder Road, Birkenhead, SA 5015

Date of Submission: 15 August 2023

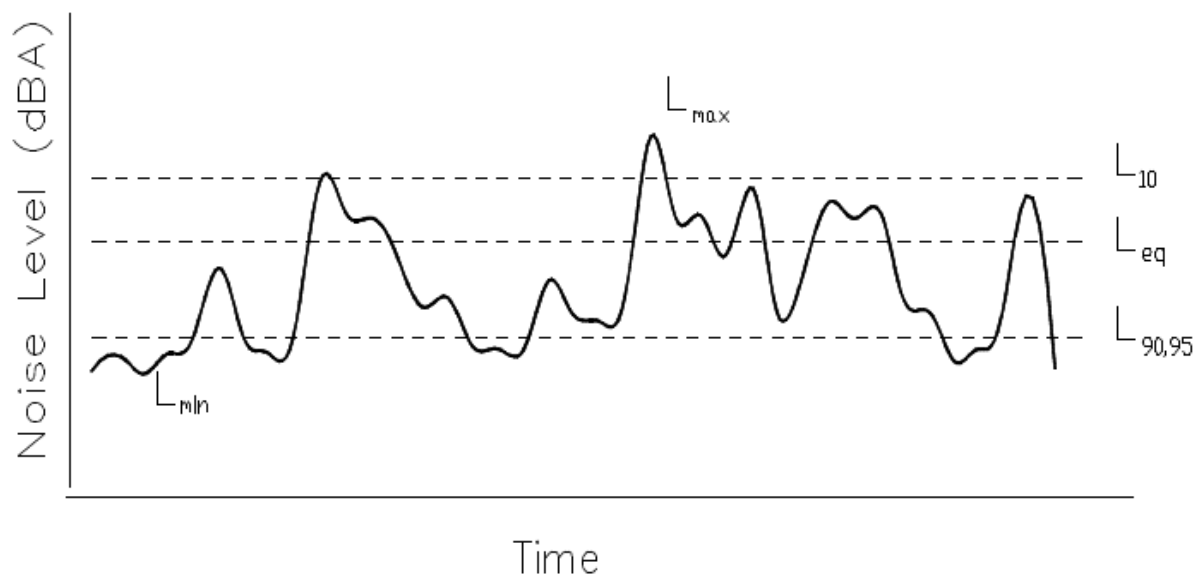
Version Number: 1



Report Submitted by: Advisor Environment - C&L (SA/NSW/NT)

Glossary of acoustic terminology

- dB(A)** A unit of measurement, decibels(A), of sound pressure level which has its frequency characteristics modified by a filter ("A-weighted") so as to more closely approximate the frequency response of the human ear.
- L₁** The noise level which is equalled or exceeded for 1% of the measurement period. L₁ is an indicator of the impulse noise level, and is used in Australia as the descriptor for intrusive noise (usually in dBA).
- L₁₀** The noise level which is equalled or exceeded for 10% of the measurement period. L₁₀ is an indicator of the mean maximum noise level, and is used in Australia as the descriptor for intrusive noise (usually in dBA).
- L₉₀** The noise level which is equalled or exceeded for 90% of the measurement period. L₉₀ is an indicator of the mean minimum noise level, and is used in Australia as the descriptor for background or ambient noise (usually in dBA).
- L_{eq}** The equivalent continuous noise level for the measurement period. L_{eq} is an indicator of the average noise level (usually in dBA).
- L_{max}** The maximum noise level for the measurement period (usually in dBA).



Note: *The subjective reaction or response to changes in noise levels can be summarised as follows:*

A 3 dB(A) increase in sound pressure level is required for the average human ear to notice a change; a 5 dB(A) increase is quite noticeable and a 10 dB(A) increase is typically perceived as a doubling in loudness

Monitoring Objective	<p>The quarterly report will include where applicable:</p> <ul style="list-style-type: none"> • Details of noise complaints (excluding complainant name and identifying address details for reasons of confidentiality), received during the quarter including the outcomes of the complaint investigation and where applicable, corrective actions implemented. • Details on the progress of noise attenuation projects including effectiveness. • Details of noise monitoring reports. • Details of noise minimisation activities.
Monitoring Plan	<p>This monitoring report complies with the Noise Management Plan approved on 16 August 2018 by the SA EPA.</p> <p>The Plan is available on the ABC Birkenhead Community Website: https://adelaidebrightoncommunity.com.au/</p>
Noise Monitoring Reports	<p>An Assessment Noise Mitigation Options Report has been prepared and submitted to the EPA for review. Details will be available when the report has been approved by the EPA.</p>
Noise Minimisation Activities	<p>No noise minimisation activities in this reporting period</p>
Noise Complaints Summary	<p>There was 1 complaint for the reporting period.</p> <p>The table below summarises the noise complaints for the reporting period.</p>

Date / Time of occurrence	Location	Description	Action Taken	Weather conditions at time of noise complaint				Complaint response	
				Temp C	Wind Direction	Wind Speed m/s	Rain fall	Date/time received	Response Date/time
11/05/2023 2:00 am	Darton Street Birkenhead	<p>Resident woken by loud noise - ongoing until 7 am</p> <p>Resident also sent letter to Port Adelaide Electoral Office - Susan Close on 11/5/23 claiming the noise at 2am could heard through window roller shutters.</p>	<p>Plant running as normal. No plant or equipment started up around 2 am.</p> <p>Adelaide Metro had posted night time Outer Harbour Rail Track Maintenance activities between 8 pm and 6 am between Tuesday 9/5 to Saturday 13/5.</p> <p>Adelaide Metro followed up with the contractor Keolis-Downer and confirmed rail track maintenance equipment travelled through Birkenhead and Peterhead around 2 am on the 11/05/2023.</p> <p>Resident lives 80 m from the Outer Harbour Rail Track, and rail track maintenance directly to the NNW of residents location.</p> <p>Wind direction at the time of the complaint was from the NNW directly in line from work activities to resident (wind not blowing from ABC to resident).</p> <p>ABC not the source of this noise complaint.</p> <p>ABC received letter from Susan Close Electoral Office on 11/5/23 regarding the noise complaint.</p> <p>ABC provided a response on 15/5/23 in line with investigation results.</p>	10	NNW	0.8	-	11/05/23 06:05 am	<p>11/05/23 06:05 am</p> <p>Resident Requested call back pm 11/05/23</p> <p>Call back 11/05/23 @ 5.30 pm</p> <p>Resident requested call back midday on 12/05/23</p> <p>Call back 12/05/23 @ 1.15pm and provided feedback on investigation.</p>