



**Adelaide Brighton Cement Ltd**

an **ADBRI** company

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## ENVIRONMENT IMPROVEMENT PROGRAMME (EIP) QUARTERLY REPORT FOR BIRKENHEAD WORKS

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**COMPLIANCE DATE: 15/02/2024 – Quarter 4, 2023**  
**EPA Licence 1126: Environment Improvement Programme (U-583)**

**Licensed site:** Adelaide Brighton Cement, Birkenhead Works

**62 Elder Road, Birkenhead, SA 5015**

**Date of Submission:** 15 February 2024

**Version Number:** 1



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

<b>Purpose</b>	The purpose of the Environmental Improvement Programme (EIP) is to reduce noise and fugitive particulate emissions from the site.											
<b>Background Information</b>	<p>In order to reduce its environmental impact, Adelaide Brighton Cement Ltd, has developed an EIP that contains projects to reduce noise and fugitive particulate emissions. These projects were identified from the following inputs:</p> <ul style="list-style-type: none"> <li>• Adelaide Brighton Cement Limited Report, August 2018, “Assessment of Options Report”</li> <li>• Katestone Environmental Report, August 2018 “Birkenhead Cement Plant – Options Assessment Report”</li> <li>• Katestone Environmental Report 2017 “Air Quality Assessment of the Birkenhead Cement Plant”</li> <li>• Vipac Engineers and Scientists Report, August 2018 “Environmental Noise Model Update”</li> <li>• Vipac Engineers and Scientists Report, February 2019 “Noise model update and Abatement Options”</li> </ul> <p>Thirteen fugitive particulate and three noise improvement projects were identified and incorporated into an EPA approved EIP.</p> <p>EIP project implementation is tracked through the completion of 52 compliance actions over the life of the EIP.</p> <p>The EIP was approved by the EPA on 28 February 2019. The EIP has been revised in accordance with the EIP. The latest EIP - Revision 8 is available on the ABC Birkenhead Community Website: <a href="https://adelaidebrightoncommunity.com.au/">https://adelaidebrightoncommunity.com.au/</a></p>											
<b>Reporting Objective</b>	<p>Quarterly EIP progress report providing:</p> <ul style="list-style-type: none"> <li>• Details of steps taken to progress compliance actions</li> <li>• Details of proposed next steps to be taken</li> </ul>											
<b>Quarterly Report</b>	<p>EPA has approved extensions to remaining EIP Projects 10 and 12, which were due to be completed by 31/12/2023.</p> <p>Rationale for requesting extensions for these projects are noted in the table below.</p> <table border="1" data-bbox="324 922 2089 1380"> <thead> <tr> <th data-bbox="324 922 629 1002">EIP Project</th> <th data-bbox="629 922 1816 1002">Reason for revised compliance date</th> <th data-bbox="1816 922 2089 1002">Revised compliance date</th> </tr> </thead> <tbody> <tr> <td data-bbox="324 1002 629 1225">EIP Project 10 - Sealing of surface area south of 4A ESP</td> <td data-bbox="629 1002 1816 1225">The intention was to seal the surface area south of 4A ESP with concrete using a calcined clay-based cement. The scheduled trial to produce calcined clay at the Angaston plant has been deferred due to market requirements to 2025. ABC now intends to seal the surface with bitumen. Access to seal the surface, has to be rescheduled to occur after the 2024 plant shutdown, as the area is currently being used to store steel work for replacement of 4A stack during the 2024 shutdown.</td> <td data-bbox="1816 1002 2089 1225">31 May 2024</td> </tr> <tr> <td data-bbox="324 1225 629 1380">EIP Project 12 - Upgrade/maintain the cladding on the CM6 building</td> <td data-bbox="629 1225 1816 1380">This project requires Cement Mill 6 (CM6) to be shut down for implementation. There has been no planned shutdown of CM6 to enable this project to be progressed.</td> <td data-bbox="1816 1225 2089 1380">31 May 2024</td> </tr> </tbody> </table>			EIP Project	Reason for revised compliance date	Revised compliance date	EIP Project 10 - Sealing of surface area south of 4A ESP	The intention was to seal the surface area south of 4A ESP with concrete using a calcined clay-based cement. The scheduled trial to produce calcined clay at the Angaston plant has been deferred due to market requirements to 2025. ABC now intends to seal the surface with bitumen. Access to seal the surface, has to be rescheduled to occur after the 2024 plant shutdown, as the area is currently being used to store steel work for replacement of 4A stack during the 2024 shutdown.	31 May 2024	EIP Project 12 - Upgrade/maintain the cladding on the CM6 building	This project requires Cement Mill 6 (CM6) to be shut down for implementation. There has been no planned shutdown of CM6 to enable this project to be progressed.	31 May 2024
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