



**Adelaide Brighton Cement Ltd**

an **ADBRI** company

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## ENVIROMENTAL IMROVEMENT PROGRAMME (EIP) QUARTERLY REPORT FOR BIRKENHEAD WORKS

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**COMPLIANCE DATE: 15/11/2021 – Quarter 3, 2021**

**EPA Licence 1126: Environmental Improvement Programme (U-583)**

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

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

**Date of Submission: 12 November 2021**

**Version Number: 1**



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

*I certify that I have reviewed this report and to the best of my knowledge and ability that all the information provided in this report is a true and accurate reflection of the regulatory monitoring.*

<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 6 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>The clinker plant was shut down on the 8/8/2021 to repair a section of refractory in the clinker kiln, which had suffered premature failure. Planning for this shutdown coupled with recent Covid restrictions delayed completion of the engineering study for EIP Project 13 – CM6 Gantry Cladding.</p> <p>As a consequence, ABC requested the completion date for compliance actions 42 and 43, be changed to 30/09/2021. This change will not affect the final completion date of 29/09/2022 for this EIP project. The EPA approved the change in completion dates and the changes were reflected in EIP (version 7).</p> <p>Compliance actions 42 and 43 have been completed.</p> <p>The EIP progress report for the quarter is tabled below .</p>

**Adelaide Brighton Cement Ltd (ABC) Environmental Improvement Programme (EIP)****1 March 2019 – December 2022**

<b>EIP Project</b>	<b>Category</b>	<b>Project</b>	<b>Compliance Action</b>	<b>Project Milestones (Compliance actions)</b>	<b>Actions &amp; Outcomes</b>
13	Fugitive Dust - Storage/processing buildings	CM6 Gantry Cladding	42	By 30/09/2021, ABC will complete an engineering study to enable capital approval to upgrade/maintain the CM6 Clinker Gantry cladding.	An engineering study has been completed, including a drone survey which has identified opportunities to improve the effectiveness of the gantry cladding to ensure the building remains well sealed.
			43	By 30/09/2021, ABC will submit a development application for CM6 Clinker Gantry cladding upgrade/maintenance.	The work to be undertaken will not require a development application to be submitted.