



Adelaide Brighton Cement Ltd

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adelaidebrighton.com.au

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

ENVIRONMENT IMPROVEMENT PROGRAMME (EIP) QUARTERLY REPORT FOR BIRKENHEAD WORKS

COMPLIANCE DATE: 15/05/2024 – Quarter 1, 2024
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 May 2024

Version Number: 1



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

| Purpose | The purpose of the Environmental Improvement Programme (EIP) is to reduce noise and fugitive particulate emissions from the site. | | | | | | | | | | | |
|--|--|-------------------------|--|-------------|------------------------------------|-------------------------|--|--|-------------|--|--|-------------|
| Background Information | <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"> • Adelaide Brighton Cement Limited Report, August 2018, “Assessment of Options Report” • Katestone Environmental Report, August 2018 “Birkenhead Cement Plant – Options Assessment Report” • Katestone Environmental Report 2017 “Air Quality Assessment of the Birkenhead Cement Plant” • Vipac Engineers and Scientists Report, August 2018 “Environmental Noise Model Update” • Vipac Engineers and Scientists Report, February 2019 “Noise model update and Abatement Options” <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: https://adelaidebrightoncommunity.com.au/</p> | | | | | | | | | | | |
| Reporting Objective | <p>Quarterly EIP progress report providing:</p> <ul style="list-style-type: none"> • Details of steps taken to progress compliance actions • Details of proposed next steps to be taken | | | | | | | | | | | |
| Quarterly Report | <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="329 922 2087 1345"> <thead> <tr> <th data-bbox="329 922 629 1002">EIP Project</th> <th data-bbox="640 922 1816 1002">Reason for revised compliance date</th> <th data-bbox="1827 922 2087 1002">Revised compliance date</th> </tr> </thead> <tbody> <tr> <td data-bbox="329 1010 629 1185">EIP Project 10 - Sealing of surface area south of 4A ESP</td> <td data-bbox="640 1010 1816 1185">The intention was to seal the surface area south of 4A ESP with a trial a lower carbon footprint concrete. The scheduled trial to produce a lower carbon footprint at the Angaston plant has been deferred due to market requirements to 2025. 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="1827 1010 2087 1185">31 May 2024</td> </tr> <tr> <td data-bbox="329 1193 629 1345">EIP Project 12 - Upgrade/maintain the cladding on the CM6 building</td> <td data-bbox="640 1193 1816 1345">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="1827 1193 2087 1345">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 a trial a lower carbon footprint concrete. The scheduled trial to produce a lower carbon footprint at the Angaston plant has been deferred due to market requirements to 2025. 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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