



Adelaide Brighton Cement Ltd

an **ADBRI** company

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QUARTERLY AIR PARTICULATE MANAGEMENT REPORT FOR BIRKENHEAD WORKS

COMPLIANCE DATE: 31/10/24 – Quarter 3, 2024
EPA Licence 1126: Air Particulate Management Plan (U - 1549)

Licensed site: Adelaide Brighton Cement, Birkenhead Works

62 Elder Road, Birkenhead, SA 5015

Date of Submission: 31 October 2024

Version Number: 1



Report Submitted by: Business Partner - Environment

Glossary

Term	Definition
$\mu\text{g}/\text{m}^3$	micrograms per cubic metre
μm	micrometre
$^{\circ}\text{C}$	degrees Celsius
m	metre
m^3	cubic metre
m^3/s	cubic metres per second

Nomenclature

Definition	Definition
PM_{10}	Particulate matter with a diameter less than 10 micrometres
$\text{PM}_{2.5}$	Particulate matter with a diameter less than 2.5 micrometres
TSP	Total Suspended Particulate
24 hour average	Calendar day (midnight to midnight)

Abbreviations

Definition	Definition
ABC	Adelaide Brighton Cement
Air EPP	South Australian Environment Protection (Air Quality) Policy 2016
DMP	Dust Management Plan
EPA	Environment Protection Authority
TARP	Trigger Action Response Plan

Purpose	The purpose of the Air Particulate Management Plan (APMP) is to facilitate the ongoing implementation of dust control measures to minimise offsite dust from the Facility.
Background Information	<p>The APMP contains a Trigger Action Response Plan (TARP) to proactively manage fugitive dust emissions.</p> <p>The TARP uses three levels of trigger:</p> <ul style="list-style-type: none"> • Low (watch and wait) – early warning to increase awareness of potential dust issues • Medium (investigate) – there may be a potential dust issue and investigate • High (escalate) – dust concentrations are higher than normal, and action may be required <p>Triggers and responses have been defined for:</p> <ul style="list-style-type: none"> • Ambient dust monitoring from on-site monitors • Meteorological parameters (forecasts and observations (e.g. extended dry period with less than 1 mm of rain over 20 days)) • Visual observations <p>Trigger levels and responses are documented in the Air Particulate Management Plan All triggers and associated responses and actions are captured in the Dust Management Dashboard and Control System, for reporting and analysis.</p> <p>The APMP is available on the ABC Birkenhead Community Website: https://adelaidebrightoncommunity.com.au/</p>
Reporting Objective	<p>To report on actions taken in response to triggers defined in the Trigger Action Response Plan (TARP), contained within the approved Air Particulate Management Plan (APMP), including;</p> <ul style="list-style-type: none"> • the date, time and trigger value exceeded • action and response strategies implemented <p>To provide a summary report of 24-hour exceedances of PM₁₀ and PM_{2.5} Air (EPP) criteria on ambient particulate monitors in the community.</p>

**Particulate
Monitoring
Locations**

Map showing sampling locations, major infrastructure, sensitive environmental receptors, and north arrow
Monitoring locations are indicated by colour-coded dots on the above map.

	<p>NB: Four sampling points are located on the Birkenhead Works site; the other monitoring locations are in the community (Community Park), and Corner of Walton Street and Mary Street.</p> <p>The property (not owned by ABC), on which the Gunn Street Monitor was located, was sold for redevelopment and was no longer available for use. As a consequence the monitor was removed on 28 June 2022. After a period of negotiating with the EPA and discussion with City of Port Adelaide Enfield Council, Adbri initiated the application process for installation of a permanent air quality monitor in the preferred location, the NW corner of Naval Reserve in November 2023. The application was ultimately not approved in June 2024 and Adbri will continue to work respectfully with both parties to reinstate a long term solution. In the mean time a trailer mounted air quality monitoir has been set up on the corner of Walton Street and Mary Street, Peterhead, until a long-term monitoring station can be established.</p>																		
TARP Reports	<p>Appendix 1, contains monthly TARP reports detailing the following;</p> <ul style="list-style-type: none"> • date, time and trigger value exceeded • details of the response and action strategies implemented. 																		
Summary	<p>Summary of TARP alerts and actions for the quarter (refer to appendix 1):</p> <ul style="list-style-type: none"> • A total of 134 trigger alerts were rased for the quarter • A total of 619 actions in response to the alerts were implemented for the quarter • An average of 5 actions per trigger 																		
Exceedance Reports	<p>There was one 24-hour exceedances of the PM_{2.5} Air (EPP) criteria on the ambient particulate monitor in the Community Park, during this reporting period. This exceedances ocurred on the 10 August and is summarised in the table below: Full report is included in the appendix.</p> <p><u>Table 1: 10 August 2024</u></p> <table border="1" data-bbox="443 1157 2072 1369"> <thead> <tr> <th>Monitoring Location</th> <th>Pollutant</th> <th>24-hour average ($\mu\text{g}/\text{m}^3$)</th> <th>EPP Air Criterion ($\mu\text{g}/\text{m}^3$)</th> </tr> </thead> <tbody> <tr> <td rowspan="2">Community Park</td> <td>PM₁₀</td> <td>27.0</td> <td>50</td> </tr> <tr> <td>PM_{2.5}</td> <td>26.4</td> <td>25</td> </tr> <tr> <td rowspan="2">Gunn Street</td> <td>PM₁₀</td> <td></td> <td>50</td> </tr> <tr> <td>PM_{2.5}</td> <td></td> <td>25</td> </tr> </tbody> </table>	Monitoring Location	Pollutant	24-hour average ($\mu\text{g}/\text{m}^3$)	EPP Air Criterion ($\mu\text{g}/\text{m}^3$)	Community Park	PM ₁₀	27.0	50	PM _{2.5}	26.4	25	Gunn Street	PM ₁₀		50	PM _{2.5}		25
Monitoring Location	Pollutant	24-hour average ($\mu\text{g}/\text{m}^3$)	EPP Air Criterion ($\mu\text{g}/\text{m}^3$)																
Community Park	PM ₁₀	27.0	50																
	PM _{2.5}	26.4	25																
Gunn Street	PM ₁₀		50																
	PM _{2.5}		25																

Comment:

The 24-hour average PM2.5 concentration measured at Community Park of 26.4 µg/m³ exceeded the EPP Air c of 25.0 µg/m³. All ABC monitors (on site and off site), showed similar particulate levels and trends. This in the particulate level was from a localised air shed condition, rather than related to any specific site activity. A wind movement for this 24 hr period was predominantly (51% of the day) blowing towards ABC. Low wind spe overnight temperatures resulted in increased particulate levels overnight / early morning, which dropped dur day as wind speed and temperatures increased. PM2.5 particulate is commonly produced from combustion (vehicles/ heaters). The PM2.5 particulate levels/trends are indicative of low night time temperatures, low wind and reduced air shed flushing

Air Particulate Complaints

Air particulate related complaints for the reporting period are tabled below

Date	Time	Location	Description	Action Taken
10/08/2024	9:02	Birkenhead	Dust on Car	Sample taken for analysis – cementitious - car wash provided
5/09/2024	13:53	Birkenhead	Dust on Car	Sample taken for analysis – cementitious - car wash provided

Difficult to provide wind speed and direction data as specific time and date of occurrence was not available.

May dust event

In May 2024, there was scheduled maintenance on the clinker shed located near Victoria Road, Birkenhead. During maintenance work the potential for gaps to remain under the eaves of the clinker shed was not adequately identified. This resulted in dust emissions that impacted Adbri's neighbours.

This resulted in complaints related to dust impacts to property including vehicles, solar panels, as well as concerns related to health impacts.

Adbri took immediate action to identify and fix the source of the dust leakage and has been working with the community ever since to rectify any associated damage or dust impact on property.

Since the event, Adbri has:

- appointed an expert to assess potential claims. This person has since contacted all registered people, with the majority of solar panels claims assessed and cleaning underway. All car cleaning requests have been actioned
- posted regular updates on its community website to keep residents informed, as well as held two community liaison group meetings to update the community and provide opportunities for Adbri, SA EPA and SA Health to answer questions
- provided an in-person update to the local council
- installed additional CCTV cameras to those already onsite to provide even more early monitoring capability of potential emissions
- amended processes and training to more clearly identify and address environmental risks when undertaking works programmes, and
- identified dust mitigation projects that it proposes will form part of the site's Environment Improvement Programme.

Adbri held a Community Liaison Group meeting on the 3 June about the dust event

- Adbri thanks everyone who attended the June Birkenhead Community Liaison Group meeting.
- This meeting provided an opportunity for Adbri to listen to community feedback.

Adbri held a Community Liaison Group meeting on the 12 July in response to community concerns about health impacts

- Adbri also extends our appreciation to the EPA for arranging for SA Health representatives to attend and present at the meeting.
- The representatives addressed health questions raised by the community about the May dust event.

Adbri apologises to the community and is committed to doing better in the future.

Adbri is currently developing an Environment Improvement Programme, that includes transparent consultation with the community in its development. Since the May dust event Adbri has continued to call for and listen to community sentiment and developed focus areas and methodology directly related to recent concerns raised by the community. Based on the feedback the EIP projects are grouped into themes about communication, dust management and monitoring, noise, odour and amenity.

Appendix 1

TARP reports for July August and September

10 August PM2.5 Exceedance Report

Trigger Action Response Plan - Response Summary

The tables below show the triggers that were generated as part of the Adelaide Brighton Cement Trigger Action Response Plan (TARP) between 01 July, 2024 and 01 August, 2024 along with the resulting management actions taken.

DT1 Southern Grounds

Trigger Time	Response	Action Taken	Action Recorded
Low Trigger 01/07/24, 07:00 to 01/07/24, 10:25	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	01/07/24, 07:16
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	01/07/24, 10:25
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	01/07/24, 07:16
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	01/07/24, 10:25
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	01/07/24, 07:16
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	01/07/24, 10:25
High Trigger 02/07/24, 10:00 to 02/07/24, 13:17	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	02/07/24, 13:17
	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	02/07/24, 13:17
	Visual observations onsite to check if there are any significant visible dust emissions in the region of the exceeding monitor	Checked for dust emissions in the area - no sources identified	02/07/24, 13:17
	Reduce the relevant dust producing activities or reschedule to more suitable meteorological conditions	No current activities	02/07/24, 13:17
	If dust mitigation equipment is unavailable or at fault, investigate temporary alternative management practices	Investigated temporary mitigation options	02/07/24, 13:17
Low Trigger 02/07/24, 23:00 to 03/07/24, 00:20	Mobilise water cart or apply additional water sprays	Mobilised water cart	02/07/24, 13:17
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	03/07/24, 00:20
Medium Trigger 03/07/24, 03:00 to 03/07/24, 07:02	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Other (provide comments)	03/07/24, 04:38
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	03/07/24, 07:02
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Other (provide comments)	03/07/24, 04:38
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	03/07/24, 07:02

	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	03/07/24, 09:04
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	03/07/24, 11:17
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	03/07/24, 09:04
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	03/07/24, 11:17
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	03/07/24, 09:04
Low Trigger 03/07/24, 08:00 to 03/07/24, 11:17	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	03/07/24, 11:17
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/07/24, 07:04
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/07/24, 07:04
Low Trigger 10/07/24, 01:00 to 10/07/24, 07:04	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/07/24, 07:04
Low Trigger 11/07/24, 23:00 to 12/07/24, 00:24	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	12/07/24, 00:24
Low Trigger 12/07/24, 01:00 to 12/07/24, 02:59	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	12/07/24, 02:58
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	14/07/24, 07:37
Low Trigger 14/07/24, 02:00 to 14/07/24, 07:37	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	14/07/24, 07:37
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	15/07/24, 00:17
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	15/07/24, 01:18
Low Trigger 14/07/24, 23:00 to 15/07/24, 02:21	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	15/07/24, 02:21
Medium Trigger 28/07/24, 21:00 to 28/07/24, 23:33	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	28/07/24, 23:33
Low Trigger 29/07/24, 23:00 to 30/07/24, 07:59	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	30/07/24, 07:59
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	31/07/24, 02:38
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	31/07/24, 02:38
Medium Trigger 30/07/24, 21:00 to 31/07/24, 02:38	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	31/07/24, 02:38
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	01/08/24, 06:01
	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	01/08/24, 06:01
	Visual observations onsite to check if there are any significant visible dust emissions in the region of the exceeding monitor	Checked for dust emissions in the area - no sources identified	01/08/24, 06:01
	Other	No action required - conditions already addressed	01/08/24, 06:01
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	01/08/24, 06:01
	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	01/08/24, 06:01
	Visual observations onsite to check if there are any significant visible dust emissions in the region of the exceeding monitor	Checked for dust emissions in the area - no sources identified	01/08/24, 06:01

Medium Trigger			
31/07/24, 20:00 to 01/08/24, 06:02	Other	No action required - conditions already addressed	01/08/24, 06:01
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	01/08/24, 06:01
Low Trigger			
31/07/24, 23:00 to 01/08/24, 06:01	Other	No action required - conditions already addressed	01/08/24, 06:01

DT2 Eastern Grounds

Trigger Time	Response	Action Taken	Action Recorded
Low Trigger 01/07/24, 04:00 to 01/07/24, 05:32	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	01/07/24, 05:31
Medium Trigger 01/07/24, 06:00 to 01/07/24, 06:22	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	01/07/24, 06:21
	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	01/07/24, 06:21
	Visual observations onsite to check if there are any significant visible dust emissions in the region of the exceeding monitor	Checked for dust emissions in the area - no sources identified	01/07/24, 06:21
Low Trigger 01/07/24, 09:00 to 01/07/24, 10:25	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	01/07/24, 10:25
Low Trigger 01/07/24, 22:00 to 02/07/24, 13:17	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	02/07/24, 13:17
Medium Trigger 02/07/24, 00:00 to 02/07/24, 13:18	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	02/07/24, 13:18
	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	02/07/24, 13:18
	Visual observations onsite to check if there are any significant visible dust emissions in the region of the exceeding monitor	Checked for dust emissions in the area - no sources identified	02/07/24, 13:18
High Trigger 02/07/24, 09:00 to 02/07/24, 12:42	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	02/07/24, 10:02
	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	02/07/24, 10:02
	Visual observations onsite to check if there are any significant visible dust emissions in the region of the exceeding monitor	Checked for dust emissions in the area - no sources identified	02/07/24, 10:02
	Reduce the relevant dust producing activities or reschedule to more suitable meteorological conditions	No current activities	02/07/24, 10:02
	If dust mitigation equipment is unavailable or at fault, investigate temporary alternative management practices	Investigated temporary mitigation options	02/07/24, 10:02
	Mobilise water cart or apply additional water sprays	Mobilised water cart	02/07/24, 10:02
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	02/07/24, 12:42
	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	02/07/24, 12:42
Medium Trigger 03/07/24, 04:00 to 03/07/24, 07:02	Visual observations onsite to check if there are any significant visible dust emissions in the region of the exceeding monitor	Checked for dust emissions in the area - no sources identified	02/07/24, 12:42
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Other (provide comments)	03/07/24, 04:37
Medium Trigger 03/07/24, 08:00 to 03/07/24, 09:05	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	03/07/24, 07:02
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	03/07/24, 09:05
High Trigger 04/07/24, 12:00 to 04/07/24, 14:36	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	04/07/24, 14:36
Low Trigger 04/07/24, 16:00 to 04/07/24, 19:19	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	04/07/24, 19:19
Low Trigger 05/07/24, 13:00 to 05/07/24, 14:36	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	05/07/24, 14:36
Low Trigger 06/07/24, 14:00 to 06/07/24, 17:32	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	06/07/24, 17:32
Low Trigger 10/07/24, 01:00 to 10/07/24, 07:04	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/07/24, 07:04
Low Trigger 14/07/24, 23:00 to 15/07/24, 00:17	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	15/07/24, 00:17

Medium Trigger 15/07/24, 01:00 to 15/07/24, 02:21	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	15/07/24, 01:18
	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	15/07/24, 01:18
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	15/07/24, 02:21
Medium Trigger 24/07/24, 13:00 to 24/07/24, 17:01	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	24/07/24, 13:45
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	24/07/24, 17:01
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	24/07/24, 13:45
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	24/07/24, 17:01
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	24/07/24, 13:45
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	24/07/24, 17:01
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	24/07/24, 17:01
Medium Trigger 28/07/24, 21:00 to 28/07/24, 23:33	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	28/07/24, 23:33
Low Trigger 29/07/24, 23:00 to 30/07/24, 07:59	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	30/07/24, 07:59
Medium Trigger 30/07/24, 21:00 to 31/07/24, 02:38	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	31/07/24, 02:38
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	31/07/24, 02:38
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	31/07/24, 02:38

DT3 Block 9

Trigger Time	Response	Action Taken	Action Recorded
Medium Trigger 02/07/24, 09:00 to 02/07/24, 10:03	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	02/07/24, 10:03
	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	02/07/24, 10:03
	Visual observations onsite to check if there are any significant visible dust emissions in the region of the exceeding monitor	Checked for dust emissions in the area - no sources identified	02/07/24, 10:03
Low Trigger 30/07/24, 21:00 to 31/07/24, 02:38	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	31/07/24, 02:38
Medium Trigger 30/07/24, 23:00 to 31/07/24, 02:37	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	31/07/24, 02:36

DT5 Northern Grounds

Trigger Time	Response	Action Taken	Action Recorded
Low Trigger 01/07/24, 06:00 to 01/07/24, 06:21	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	01/07/24, 06:20
Low Trigger 01/07/24, 09:00 to 01/07/24, 10:25	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	01/07/24, 10:25
Low Trigger 01/07/24, 20:00 to 02/07/24, 06:50	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	02/07/24, 06:50
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	02/07/24, 06:50
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	02/07/24, 06:50
High Trigger 02/07/24, 09:00 to 02/07/24, 12:42	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	02/07/24, 10:01
	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	02/07/24, 10:01
	Visual observations onsite to check if there are any significant visible dust emissions in the region of the exceeding monitor	Checked for dust emissions in the area - no sources identified	02/07/24, 10:01
	Reduce the relevant dust producing activities or reschedule to more suitable meteorological conditions	No current activities	02/07/24, 10:01
	If dust mitigation equipment is unavailable or at fault, investigate temporary alternative management practices	Investigated temporary mitigation options	02/07/24, 10:01
	Mobilise water cart or apply additional water sprays	Mobilised water cart	02/07/24, 10:01
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	02/07/24, 12:41
	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	02/07/24, 12:41
	Visual observations onsite to check if there are any significant visible dust emissions in the region of the exceeding monitor	Checked for dust emissions in the area - no sources identified	02/07/24, 12:41
	Low Trigger 02/07/24, 23:00 to 03/07/24, 00:20	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted
Medium Trigger 03/07/24, 03:00 to 03/07/24, 07:02	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Other (provide comments)	03/07/24, 04:38
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	03/07/24, 07:02
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Other (provide comments)	03/07/24, 04:38
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	03/07/24, 07:02
Medium Trigger 03/07/24, 07:00 to 03/07/24, 11:18	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	03/07/24, 08:01
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	03/07/24, 09:05
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	03/07/24, 11:18
Low Trigger 04/07/24, 07:00 to 04/07/24, 07:17	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	04/07/24, 07:17
Medium Trigger 04/07/24, 09:00 to 04/07/24, 14:36	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	04/07/24, 14:36
High Trigger 04/07/24, 12:00 to 04/07/24, 14:37	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	04/07/24, 14:37
	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	04/07/24, 14:37

Low Trigger 04/07/24, 22:00 to 04/07/24, 22:52	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	04/07/24, 22:52
Low Trigger 05/07/24, 15:00 to 05/07/24, 16:56	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	05/07/24, 16:56
	Other	No action required - conditions already addressed	05/07/24, 16:56
Medium Trigger 05/07/24, 22:00 to 05/07/24, 22:17	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	05/07/24, 22:17
High Trigger 06/07/24, 16:00 to 06/07/24, 17:35	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	06/07/24, 17:32
	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	06/07/24, 17:32
	Visual observations onsite to check if there are any significant visible dust emissions in the region of the exceeding monitor	Checked for dust emissions in the area - sources identified	06/07/24, 17:32
	Reduce the relevant dust producing activities or reschedule to more suitable meteorological conditions	No current activities	06/07/24, 17:32
	If dust mitigation equipment is unavailable or at fault, investigate temporary alternative management practices	Other (provide comments)	06/07/24, 17:32
Medium Trigger 09/07/24, 23:00 to 10/07/24, 07:03	Mobilise water cart or apply additional water sprays	Mobilised water cart	06/07/24, 17:32
Medium Trigger 15/07/24, 01:00 to 15/07/24, 02:21	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/07/24, 07:03
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	15/07/24, 00:17
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	15/07/24, 01:18
Low Trigger 24/07/24, 12:00 to 24/07/24, 13:45	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	15/07/24, 02:21
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	24/07/24, 13:45
Medium Trigger 28/07/24, 21:00 to 28/07/24, 23:33	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	24/07/24, 13:45
Low Trigger 29/07/24, 23:00 to 30/07/24, 07:59	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	28/07/24, 23:33
High Trigger 30/07/24, 22:00 to 31/07/24, 02:37	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	30/07/24, 07:58
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	31/07/24, 02:37
Low Trigger 31/07/24, 20:00 to 01/08/24, 06:01	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	31/07/24, 02:37
	Other	No action required - conditions already addressed	01/08/24, 06:00

Meteorology - Observations

No triggers during this period

Meteorology - Forecast

Trigger Time	Response	Action Taken	Action Recorded	
Low Trigger 05/07/24, 18:00 to 05/07/24, 21:00	Assess potential for shifting operations to more favourable conditions	No opportunity to shift operations	05/07/24, 17:44	
	Ensure water truck is on standby to apply water	Water truck is on standby	05/07/24, 17:44	
	Pre-emptive watering of stockpiles before handling	Watering not required	05/07/24, 17:44	
	Visual observations of site every 3 hours	Operators inspecting site for visible dust	05/07/24, 17:44	
	Visual observations of major stockpiles	Operators inspecting major stockpiles for visible dust	05/07/24, 17:44	
	Additional watering if warranted	Additional watering not required	05/07/24, 17:44	
	Review ambient monitoring PM10 levels	Ambient monitoring being reviewed	05/07/24, 17:44	
	Other	No action required - conditions already addressed	05/07/24, 17:44	
	Assess potential for shifting operations to more favourable conditions	Shifted operations to more favourable conditions	06/07/24, 05:22	
	Assess potential for shifting operations to more favourable conditions	No current activities	06/07/24, 17:30	
	Ensure water truck is on standby to apply water	Water truck is on standby	06/07/24, 17:30	
	Pre-emptive watering of stockpiles before handling	Watering not required	06/07/24, 17:30	
	Visual observations of site every 3 hours	Operators inspecting site for visible dust	06/07/24, 17:30	
	Visual observations of major stockpiles	Operators inspecting major stockpiles for visible dust	06/07/24, 17:30	
	Additional watering if warranted	Additional watering not required	06/07/24, 17:30	
	Assess potential for shifting operations to more favourable conditions	Shifted operations to more favourable conditions	07/07/24, 05:42	
	Ensure water truck is on standby to apply water	Water truck is on standby	07/07/24, 05:42	
	High Trigger 05/07/24, 21:00 to 06/07/24, 00:00	Assess potential for shifting operations to more favourable conditions	No opportunity to shift operations	05/07/24, 17:44
		Ensure water truck is on standby to apply water	Water truck is on standby	05/07/24, 17:44
		Pre-emptive watering of stockpiles before handling	Watering not required	05/07/24, 17:44
Visual observations of site every 3 hours		Operators inspecting site for visible dust	05/07/24, 17:44	
Visual observations of major stockpiles		Operators inspecting major stockpiles for visible dust	05/07/24, 17:44	
Additional watering if warranted		Additional watering not required	05/07/24, 17:44	
Review ambient monitoring PM10 levels		Ambient monitoring being reviewed	05/07/24, 17:44	
Other		No action required - conditions already addressed	05/07/24, 17:44	
Assess potential for shifting operations to more favourable conditions		Shifted operations to more favourable conditions	06/07/24, 05:22	
Assess potential for shifting operations to more favourable conditions		No current activities	06/07/24, 17:30	
Ensure water truck is on standby to apply water		Water truck is on standby	06/07/24, 17:30	
Pre-emptive watering of stockpiles before handling		Watering not required	06/07/24, 17:30	
Visual observations of site every 3 hours		Operators inspecting site for visible dust	06/07/24, 17:30	
Visual observations of major stockpiles		Operators inspecting major stockpiles for visible dust	06/07/24, 17:30	
Additional watering if warranted		Additional watering not required	06/07/24, 17:30	
Assess potential for shifting operations to more favourable conditions		Shifted operations to more favourable conditions	07/07/24, 05:42	
Ensure water truck is on standby to apply water		Water truck is on standby	07/07/24, 05:42	
		Assess potential for shifting operations to more favourable conditions	No opportunity to shift operations	05/07/24, 17:44
		Ensure water truck is on standby to apply water	Water truck is on standby	05/07/24, 17:44
		Pre-emptive watering of stockpiles before handling	Watering not required	05/07/24, 17:44
	Visual observations of site every 3 hours	Operators inspecting site for visible dust	05/07/24, 17:44	
	Visual observations of major stockpiles	Operators inspecting major stockpiles for visible dust	05/07/24, 17:44	
	Additional watering if warranted	Additional watering not required	05/07/24, 17:44	
	Review ambient monitoring PM10 levels	Ambient monitoring being reviewed	05/07/24, 17:44	
	Other	No action required - conditions already addressed	05/07/24, 17:44	
	Assess potential for shifting operations to more favourable conditions	Shifted operations to more favourable conditions	06/07/24, 05:22	
	Assess potential for shifting operations to more favourable conditions	No current activities	06/07/24, 17:30	
	Ensure water truck is on standby to apply water	Water truck is on standby	06/07/24, 17:30	
	Pre-emptive watering of stockpiles before handling	Watering not required	06/07/24, 17:30	
	Visual observations of site every 3 hours	Operators inspecting site for visible dust	06/07/24, 17:30	
	Visual observations of major stockpiles	Operators inspecting major stockpiles for visible dust	06/07/24, 17:30	
	Additional watering if warranted	Additional watering not required	06/07/24, 17:30	
	Assess potential for shifting operations to more favourable conditions	Shifted operations to more favourable conditions	07/07/24, 05:42	
	Ensure water truck is on standby to apply water	Water truck is on standby	07/07/24, 05:42	

	Assess potential for shifting operations to more favourable conditions	No opportunity to shift operations	05/07/24, 17:44
	Ensure water truck is on standby to apply water	Water truck is on standby	05/07/24, 17:44
	Pre-emptive watering of stockpiles before handling	Watering not required	05/07/24, 17:44
	Visual observations of site every 3 hours	Operators inspecting site for visible dust	05/07/24, 17:44
	Visual observations of major stockpiles	Operators inspecting major stockpiles for visible dust	05/07/24, 17:44
	Additional watering if warranted	Additional watering not required	05/07/24, 17:44
	Review ambient monitoring PM10 levels	Ambient monitoring being reviewed	05/07/24, 17:44
	Other	No action required - conditions already addressed	05/07/24, 17:44
	Assess potential for shifting operations to more favourable conditions	Shifted operations to more favourable conditions	06/07/24, 05:22
	Assess potential for shifting operations to more favourable conditions	No current activities	06/07/24, 17:30
	Ensure water truck is on standby to apply water	Water truck is on standby	06/07/24, 17:30
	Pre-emptive watering of stockpiles before handling	Watering not required	06/07/24, 17:30
	Visual observations of site every 3 hours	Operators inspecting site for visible dust	06/07/24, 17:30
	Visual observations of major stockpiles	Operators inspecting major stockpiles for visible dust	06/07/24, 17:30
	Additional watering if warranted	Additional watering not required	06/07/24, 17:30
Low Trigger	Assess potential for shifting operations to more favourable conditions	Shifted operations to more favourable conditions	07/07/24, 05:42
06/07/24, 21:00 to 07/07/24, 00:00	Ensure water truck is on standby to apply water	Water truck is on standby	07/07/24, 05:42
	Assess potential for shifting operations to more favourable conditions	No opportunity to shift operations	05/07/24, 17:44
	Ensure water truck is on standby to apply water	Water truck is on standby	05/07/24, 17:44
	Pre-emptive watering of stockpiles before handling	Watering not required	05/07/24, 17:44
	Visual observations of site every 3 hours	Operators inspecting site for visible dust	05/07/24, 17:44
	Visual observations of major stockpiles	Operators inspecting major stockpiles for visible dust	05/07/24, 17:44
	Additional watering if warranted	Additional watering not required	05/07/24, 17:44
	Review ambient monitoring PM10 levels	Ambient monitoring being reviewed	05/07/24, 17:44
	Other	No action required - conditions already addressed	05/07/24, 17:44
	Assess potential for shifting operations to more favourable conditions	Shifted operations to more favourable conditions	06/07/24, 05:22
	Assess potential for shifting operations to more favourable conditions	No current activities	06/07/24, 17:30
	Ensure water truck is on standby to apply water	Water truck is on standby	06/07/24, 17:30
	Pre-emptive watering of stockpiles before handling	Watering not required	06/07/24, 17:30
	Visual observations of site every 3 hours	Operators inspecting site for visible dust	06/07/24, 17:30
	Visual observations of major stockpiles	Operators inspecting major stockpiles for visible dust	06/07/24, 17:30
	Additional watering if warranted	Additional watering not required	06/07/24, 17:30
Medium Trigger	Assess potential for shifting operations to more favourable conditions	Shifted operations to more favourable conditions	07/07/24, 05:42
07/07/24, 00:00 to 07/07/24, 03:00	Ensure water truck is on standby to apply water	Water truck is on standby	07/07/24, 05:42
	Assess potential for shifting operations to more favourable conditions	No opportunity to shift operations	05/07/24, 17:44
	Ensure water truck is on standby to apply water	Water truck is on standby	05/07/24, 17:44
	Pre-emptive watering of stockpiles before handling	Watering not required	05/07/24, 17:44
	Visual observations of site every 3 hours	Operators inspecting site for visible dust	05/07/24, 17:44
	Visual observations of major stockpiles	Operators inspecting major stockpiles for visible dust	05/07/24, 17:44
	Additional watering if warranted	Additional watering not required	05/07/24, 17:44
	Review ambient monitoring PM10 levels	Ambient monitoring being reviewed	05/07/24, 17:44
	Other	No action required - conditions already addressed	05/07/24, 17:44
	Assess potential for shifting operations to more favourable conditions	Shifted operations to more favourable conditions	06/07/24, 05:22
	Assess potential for shifting operations to more favourable conditions	No current activities	06/07/24, 17:30
	Ensure water truck is on standby to apply water	Water truck is on standby	06/07/24, 17:30
	Pre-emptive watering of stockpiles before handling	Watering not required	06/07/24, 17:30
	Visual observations of site every 3 hours	Operators inspecting site for visible dust	06/07/24, 17:30
	Visual observations of major stockpiles	Operators inspecting major stockpiles for visible dust	06/07/24, 17:30
	Additional watering if warranted	Additional watering not required	06/07/24, 17:30
Low Trigger	Assess potential for shifting operations to more favourable conditions	Shifted operations to more favourable conditions	07/07/24, 05:42
07/07/24, 03:00 to 07/07/24, 06:00	Ensure water truck is on standby to apply water	Water truck is on standby	07/07/24, 05:42
	Assess potential for shifting operations to more favourable conditions	No opportunity to shift operations	05/07/24, 17:44

	Ensure water truck is on standby to apply water	Water truck is on standby	05/07/24, 17:44
	Pre-emptive watering of stockpiles before handling	Watering not required	05/07/24, 17:44
	Visual observations of site every 3 hours	Operators inspecting site for visible dust	05/07/24, 17:44
	Visual observations of major stockpiles	Operators inspecting major stockpiles for visible dust	05/07/24, 17:44
	Additional watering if warranted	Additional watering not required	05/07/24, 17:44
	Review ambient monitoring PM10 levels	Ambient monitoring being reviewed	05/07/24, 17:44
	Other	No action required - conditions already addressed	05/07/24, 17:44
	Assess potential for shifting operations to more favourable conditions	Shifted operations to more favourable conditions	06/07/24, 05:22
	Assess potential for shifting operations to more favourable conditions	No current activities	06/07/24, 17:30
	Ensure water truck is on standby to apply water	Water truck is on standby	06/07/24, 17:30
	Pre-emptive watering of stockpiles before handling	Watering not required	06/07/24, 17:30
	Visual observations of site every 3 hours	Operators inspecting site for visible dust	06/07/24, 17:30
	Visual observations of major stockpiles	Operators inspecting major stockpiles for visible dust	06/07/24, 17:30
	Additional watering if warranted	Additional watering not required	06/07/24, 17:30
	Assess potential for shifting operations to more favourable conditions	Shifted operations to more favourable conditions	07/07/24, 05:42
Medium Trigger 07/07/24, 06:00 to 07/07/24, 09:00	Ensure water truck is on standby to apply water	Water truck is on standby	07/07/24, 05:42
	Assess potential for shifting operations to more favourable conditions	No opportunity to shift operations	05/07/24, 17:44
	Ensure water truck is on standby to apply water	Water truck is on standby	05/07/24, 17:44
	Pre-emptive watering of stockpiles before handling	Watering not required	05/07/24, 17:44
	Visual observations of site every 3 hours	Operators inspecting site for visible dust	05/07/24, 17:44
	Visual observations of major stockpiles	Operators inspecting major stockpiles for visible dust	05/07/24, 17:44
	Additional watering if warranted	Additional watering not required	05/07/24, 17:44
	Review ambient monitoring PM10 levels	Ambient monitoring being reviewed	05/07/24, 17:44
	Other	No action required - conditions already addressed	05/07/24, 17:44
	Assess potential for shifting operations to more favourable conditions	Shifted operations to more favourable conditions	06/07/24, 05:22
	Assess potential for shifting operations to more favourable conditions	No current activities	06/07/24, 17:30
	Ensure water truck is on standby to apply water	Water truck is on standby	06/07/24, 17:30
	Pre-emptive watering of stockpiles before handling	Watering not required	06/07/24, 17:30
	Visual observations of site every 3 hours	Operators inspecting site for visible dust	06/07/24, 17:30
	Visual observations of major stockpiles	Operators inspecting major stockpiles for visible dust	06/07/24, 17:30
	Additional watering if warranted	Additional watering not required	06/07/24, 17:30
	Assess potential for shifting operations to more favourable conditions	Shifted operations to more favourable conditions	07/07/24, 05:42
Medium Trigger 07/07/24, 09:00 to 07/07/24, 12:00	Ensure water truck is on standby to apply water	Water truck is on standby	07/07/24, 05:42
	Assess potential for shifting operations to more favourable conditions	No opportunity to shift operations	05/07/24, 17:44
	Ensure water truck is on standby to apply water	Water truck is on standby	05/07/24, 17:44
	Pre-emptive watering of stockpiles before handling	Watering not required	05/07/24, 17:44
	Visual observations of site every 3 hours	Operators inspecting site for visible dust	05/07/24, 17:44
	Visual observations of major stockpiles	Operators inspecting major stockpiles for visible dust	05/07/24, 17:44
	Additional watering if warranted	Additional watering not required	05/07/24, 17:44
	Review ambient monitoring PM10 levels	Ambient monitoring being reviewed	05/07/24, 17:44
	Other	No action required - conditions already addressed	05/07/24, 17:44
	Assess potential for shifting operations to more favourable conditions	Shifted operations to more favourable conditions	06/07/24, 05:22
	Assess potential for shifting operations to more favourable conditions	No current activities	06/07/24, 17:30
	Ensure water truck is on standby to apply water	Water truck is on standby	06/07/24, 17:30
	Pre-emptive watering of stockpiles before handling	Watering not required	06/07/24, 17:30
	Visual observations of site every 3 hours	Operators inspecting site for visible dust	06/07/24, 17:30
	Visual observations of major stockpiles	Operators inspecting major stockpiles for visible dust	06/07/24, 17:30
	Additional watering if warranted	Additional watering not required	06/07/24, 17:30
	Assess potential for shifting operations to more favourable conditions	Shifted operations to more favourable conditions	07/07/24, 05:42
Medium Trigger 07/07/24, 12:00 to 07/07/24, 15:00	Ensure water truck is on standby to apply water	Water truck is on standby	07/07/24, 05:42
	Assess potential for shifting operations to more favourable conditions	No opportunity to shift operations	05/07/24, 17:44
	Ensure water truck is on standby to apply water	Water truck is on standby	05/07/24, 17:44

	Pre-emptive watering of stockpiles before handling	Watering not required	05/07/24, 17:44
	Visual observations of site every 3 hours	Operators inspecting site for visible dust	05/07/24, 17:44
	Visual observations of major stockpiles	Operators inspecting major stockpiles for visible dust	05/07/24, 17:44
	Additional watering if warranted	Additional watering not required	05/07/24, 17:44
	Review ambient monitoring PM10 levels	Ambient monitoring being reviewed	05/07/24, 17:44
	Other	No action required - conditions already addressed	05/07/24, 17:44
	Assess potential for shifting operations to more favourable conditions	Shifted operations to more favourable conditions	06/07/24, 05:22
	Assess potential for shifting operations to more favourable conditions	No current activities	06/07/24, 17:30
	Ensure water truck is on standby to apply water	Water truck is on standby	06/07/24, 17:30
	Pre-emptive watering of stockpiles before handling	Watering not required	06/07/24, 17:30
	Visual observations of site every 3 hours	Operators inspecting site for visible dust	06/07/24, 17:30
	Visual observations of major stockpiles	Operators inspecting major stockpiles for visible dust	06/07/24, 17:30
	Additional watering if warranted	Additional watering not required	06/07/24, 17:30
Low Trigger	Assess potential for shifting operations to more favourable conditions	Shifted operations to more favourable conditions	07/07/24, 05:42
07/07/24, 15:00 to 07/07/24, 18:00	Ensure water truck is on standby to apply water	Water truck is on standby	07/07/24, 05:42
	Assess potential for shifting operations to more favourable conditions	No current activities	10/07/24, 17:17
	Ensure water truck is on standby to apply water	Water truck is on standby	10/07/24, 17:17
	Pre-emptive watering of stockpiles before handling	Watering not required	10/07/24, 17:17
	Visual observations of site every 3 hours	Operators inspecting site for visible dust	10/07/24, 17:17
Low Trigger	Visual observations of major stockpiles	Operators inspecting major stockpiles for visible dust	10/07/24, 17:17
10/07/24, 18:00 to 10/07/24, 21:00	Additional watering if warranted	Additional watering not required	10/07/24, 17:17
	Assess potential for shifting operations to more favourable conditions	No current activities	10/07/24, 17:17
	Ensure water truck is on standby to apply water	Water truck is on standby	10/07/24, 17:17
	Pre-emptive watering of stockpiles before handling	Watering not required	10/07/24, 17:17
	Visual observations of site every 3 hours	Operators inspecting site for visible dust	10/07/24, 17:17
Low Trigger	Visual observations of major stockpiles	Operators inspecting major stockpiles for visible dust	10/07/24, 17:17
10/07/24, 21:00 to 11/07/24, 00:00	Additional watering if warranted	Additional watering not required	10/07/24, 17:17
	Assess potential for shifting operations to more favourable conditions	No current activities	10/07/24, 17:17
	Ensure water truck is on standby to apply water	Water truck is on standby	10/07/24, 17:17
	Pre-emptive watering of stockpiles before handling	Watering not required	10/07/24, 17:17
	Visual observations of site every 3 hours	Operators inspecting site for visible dust	10/07/24, 17:17
Medium Trigger	Visual observations of major stockpiles	Operators inspecting major stockpiles for visible dust	10/07/24, 17:17
11/07/24, 00:00 to 11/07/24, 03:00	Additional watering if warranted	Additional watering not required	10/07/24, 17:17
	Assess potential for shifting operations to more favourable conditions	No current activities	10/07/24, 17:17
	Ensure water truck is on standby to apply water	Water truck is on standby	10/07/24, 17:17
	Pre-emptive watering of stockpiles before handling	Watering not required	10/07/24, 17:17
	Visual observations of site every 3 hours	Operators inspecting site for visible dust	10/07/24, 17:17
Medium Trigger	Visual observations of major stockpiles	Operators inspecting major stockpiles for visible dust	10/07/24, 17:17
11/07/24, 03:00 to 11/07/24, 06:00	Additional watering if warranted	Additional watering not required	10/07/24, 17:17
	Assess potential for shifting operations to more favourable conditions	No current activities	18/07/24, 17:20
	Ensure water truck is on standby to apply water	Water truck is on standby	18/07/24, 17:20
	Pre-emptive watering of stockpiles before handling	Watering not required	18/07/24, 17:20
Low Trigger	Visual observations of site every 3 hours	Operators inspecting site for visible dust	18/07/24, 17:20
18/07/24, 21:00 to 19/07/24, 00:00			
Low Trigger	Assess potential for shifting operations to more favourable conditions	Shifted operations to more favourable conditions	23/07/24, 20:23
23/07/24, 18:00 to 23/07/24, 21:00	Assess potential for shifting operations to more favourable conditions	Shifted operations to more favourable conditions	24/07/24, 05:17
Low Trigger	Assess potential for shifting operations to more favourable conditions	Shifted operations to more favourable conditions	23/07/24, 20:23
23/07/24, 21:00 to 24/07/24, 00:00	Assess potential for shifting operations to more favourable conditions	Shifted operations to more favourable conditions	24/07/24, 05:17
Medium Trigger	Assess potential for shifting operations to more favourable conditions	Shifted operations to more favourable conditions	23/07/24, 20:23
24/07/24, 00:00 to 24/07/24, 03:00	Assess potential for shifting operations to more favourable conditions	Shifted operations to more favourable conditions	24/07/24, 05:17
Medium Trigger	Assess potential for shifting operations to more favourable conditions	Shifted operations to more favourable conditions	23/07/24, 20:23
24/07/24, 03:00 to 24/07/24, 06:00	Assess potential for shifting operations to more favourable conditions	Shifted operations to more favourable conditions	24/07/24, 05:17
	Assess potential for shifting operations to more favourable conditions	Shifted operations to more favourable conditions	23/07/24, 20:23

Medium Trigger			
24/07/24, 06:00 to 24/07/24, 09:00	Assess potential for shifting operations to more favourable conditions	Shifted operations to more favourable conditions	24/07/24, 05:17
High Trigger			
24/07/24, 09:00 to 24/07/24, 12:00	Assess potential for shifting operations to more favourable conditions	Shifted operations to more favourable conditions	23/07/24, 20:23
			24/07/24, 05:17

Visual Observations

No triggers during this period

Trigger Action Response Plan - Response Summary

The tables below show the triggers that were generated as part of the Adelaide Brighton Cement Trigger Action Response Plan (TARP) between 01 August, 2024 and 01 September, 2024 along with the resulting management actions taken.

DT1 Southern Grounds

Trigger Time	Response	Action Taken	Action Recorded
Medium Trigger 31/07/24, 20:00 to 01/08/24, 06:02	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	01/08/24, 06:01
	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	01/08/24, 06:01
	Visual observations onsite to check if there are any significant visible dust emissions in the region of the exceeding monitor	Checked for dust emissions in the area - no sources identified	01/08/24, 06:01
	Other	No action required - conditions already addressed	01/08/24, 06:01
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	01/08/24, 06:01
	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	01/08/24, 06:01
	Visual observations onsite to check if there are any significant visible dust emissions in the region of the exceeding monitor	Checked for dust emissions in the area - no sources identified	01/08/24, 06:01
Low Trigger 31/07/24, 23:00 to 01/08/24, 06:01	Other	No action required - conditions already addressed	01/08/24, 06:01
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	01/08/24, 06:01
Low Trigger 03/08/24, 00:00 to 03/08/24, 06:49	Other	No action required - conditions already addressed	01/08/24, 06:01
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	03/08/24, 06:48
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	03/08/24, 06:48
Low Trigger 03/08/24, 08:00 to 03/08/24, 08:26	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	03/08/24, 08:26
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	03/08/24, 10:19
Low Trigger 03/08/24, 10:00 to 03/08/24, 11:28	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	03/08/24, 11:28
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	03/08/24, 10:19
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	03/08/24, 11:28
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	03/08/24, 11:28
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	03/08/24, 11:28
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	04/08/24, 22:36
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	05/08/24, 06:20

Medium Trigger 04/08/24, 20:00 to 05/08/24, 06:20	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	04/08/24, 22:36
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	05/08/24, 06:20
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	04/08/24, 22:36
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	05/08/24, 06:20
Medium Trigger 05/08/24, 10:00 to 05/08/24, 19:21	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	05/08/24, 10:28
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	05/08/24, 19:21
Low Trigger 05/08/24, 21:00 to 06/08/24, 11:26	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	06/08/24, 11:26
	Other	No action required - conditions already addressed	06/08/24, 11:26
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	06/08/24, 11:26
	Other	No action required - conditions already addressed	06/08/24, 11:26
Low Trigger 06/08/24, 00:00 to 06/08/24, 11:26	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	06/08/24, 11:26
	Other	No action required - conditions already addressed	06/08/24, 11:26
Low Trigger 09/08/24, 10:00 to 09/08/24, 12:16	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	09/08/24, 12:16
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	09/08/24, 12:16
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	09/08/24, 12:16
Medium Trigger 09/08/24, 18:00 to 09/08/24, 18:43	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	09/08/24, 18:43
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/08/24, 00:03
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/08/24, 02:01
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/08/24, 05:02
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/08/24, 05:34
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/08/24, 07:21
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/08/24, 15:41
	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	10/08/24, 15:41
	Visual observations onsite to check if there are any significant visible dust emissions in the region of the exceeding monitor	Checked for dust emissions in the area - no sources identified	10/08/24, 15:41
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/08/24, 00:03
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/08/24, 02:01
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/08/24, 05:02
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/08/24, 05:34

	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/08/24, 07:21
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/08/24, 15:41
	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	10/08/24, 15:41
	Visual observations onsite to check if there are any significant visible dust emissions in the region of the exceeding monitor	Checked for dust emissions in the area - no sources identified	10/08/24, 15:41
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/08/24, 00:03
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/08/24, 02:01
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/08/24, 05:02
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/08/24, 05:34
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/08/24, 07:21
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/08/24, 15:41
Medium Trigger 10/08/24, 03:00 to 10/08/24, 15:41	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	10/08/24, 15:41
	Visual observations onsite to check if there are any significant visible dust emissions in the region of the exceeding monitor	Checked for dust emissions in the area - no sources identified	10/08/24, 15:41
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/08/24, 21:22
High Trigger 10/08/24, 22:00 to 11/08/24, 00:29	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/08/24, 22:18
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	11/08/24, 00:29
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	14/08/24, 20:20
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	14/08/24, 21:58
Low Trigger 14/08/24, 20:00 to 14/08/24, 21:58	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	14/08/24, 20:20
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	14/08/24, 21:58
Low Trigger 18/08/24, 03:00 to 18/08/24, 04:51	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	18/08/24, 04:51
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	18/08/24, 04:51
Medium Trigger 23/08/24, 11:00 to 23/08/24, 15:55	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	23/08/24, 15:55

	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/08/24, 05:33
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/08/24, 07:21
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/08/24, 00:03
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/08/24, 02:01
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/08/24, 05:02
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/08/24, 05:33
Medium Trigger 10/08/24, 01:00 to 10/08/24, 07:21	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/08/24, 07:21
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/08/24, 15:41
Medium Trigger 10/08/24, 10:00 to 10/08/24, 15:42	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	10/08/24, 15:41
	Visual observations onsite to check if there are any significant visible dust emissions in the region of the exceeding monitor	Checked for dust emissions in the area - no sources identified	10/08/24, 15:41
Medium Trigger 10/08/24, 21:00 to 10/08/24, 22:18	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/08/24, 21:22
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/08/24, 22:18
Low Trigger 18/08/24, 03:00 to 18/08/24, 04:51	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	18/08/24, 04:50
Low Trigger 22/08/24, 20:00 to 23/08/24, 00:00	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	23/08/24, 00:00
Low Trigger 27/08/24, 14:00 to 27/08/24, 14:39	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	27/08/24, 14:39
Low Trigger 28/08/24, 20:00 to 29/08/24, 01:15	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	29/08/24, 01:15

DT3 Block 9

Trigger Time	Response	Action Taken	Action Recorded
Low Trigger 10/08/24, 21:00 to 10/08/24, 21:22	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/08/24, 21:21

DT5 Northern Grounds

Trigger Time	Response	Action Taken	Action Recorded
Low Trigger 31/07/24, 20:00 to 01/08/24, 06:01	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	01/08/24, 06:00
	Other	No action required - conditions already addressed	01/08/24, 06:00
Medium Trigger 07/08/24, 19:00 to 08/08/24, 16:04	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	07/08/24, 21:15
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	08/08/24, 16:03
Low Trigger 09/08/24, 12:00 to 09/08/24, 12:16	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	09/08/24, 12:16
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/08/24, 00:04
	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	10/08/24, 00:04
	Visual observations onsite to check if there are any significant visible dust emissions in the region of the exceeding monitor	Checked for dust emissions in the area - no sources identified	10/08/24, 00:04
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/08/24, 02:00
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/08/24, 05:02
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/08/24, 05:32
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/08/24, 07:21
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/08/24, 15:41
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/08/24, 00:04
	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	10/08/24, 00:04
	Visual observations onsite to check if there are any significant visible dust emissions in the region of the exceeding monitor	Checked for dust emissions in the area - no sources identified	10/08/24, 00:04
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/08/24, 02:00
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/08/24, 05:02
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/08/24, 05:32
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/08/24, 07:21
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/08/24, 15:41
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/08/24, 00:04
	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	10/08/24, 00:04
	Visual observations onsite to check if there are any significant visible dust emissions in the region of the exceeding monitor	Checked for dust emissions in the area - no sources identified	10/08/24, 00:04
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/08/24, 02:00
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/08/24, 05:02

	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/08/24, 05:32
Medium Trigger 09/08/24, 23:00 to 10/08/24, 15:41	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/08/24, 07:21
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/08/24, 15:41
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/08/24, 15:42
Low Trigger 10/08/24, 10:00 to 10/08/24, 15:42	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/08/24, 15:42
High Trigger 10/08/24, 21:00 to 10/08/24, 22:18	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/08/24, 21:21
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/08/24, 22:18
Low Trigger 11/08/24, 19:00 to 11/08/24, 22:59	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	11/08/24, 22:59
Medium Trigger 14/08/24, 20:00 to 14/08/24, 20:20	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	14/08/24, 19:43
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	14/08/24, 20:20
Low Trigger 18/08/24, 03:00 to 18/08/24, 04:50	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	18/08/24, 04:50
Low Trigger 18/08/24, 21:00 to 18/08/24, 23:52	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	18/08/24, 23:52
Medium Trigger 22/08/24, 20:00 to 22/08/24, 23:59	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	22/08/24, 23:59
Low Trigger 24/08/24, 22:00 to 24/08/24, 23:35	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	24/08/24, 23:35
Low Trigger 30/08/24, 15:00 to 03/09/24, 00:46	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	03/09/24, 00:46

Meteorology - Observations

No triggers during this period

Meteorology - Forecast

Trigger Time	Response	Action Taken	Action Recorded
Low Trigger 01/08/24, 21:00 to 02/08/24, 00:00	Other	No action required - other (provide comments)	01/08/24, 20:19
Low Trigger 02/08/24, 00:00 to 02/08/24, 03:00	Other	No action required - other (provide comments)	01/08/24, 20:19
Low Trigger 11/08/24, 21:00 to 12/08/24, 00:00	Assess potential for shifting operations to more favourable conditions	No current activities	11/08/24, 17:45
	Ensure water truck is on standby to apply water	Water truck is on standby	11/08/24, 17:45
	Pre-emptive watering of stockpiles before handling	Watering not required	11/08/24, 17:45
	Visual observations of site every 3 hours	Operators inspecting site for visible dust	11/08/24, 17:45
Low Trigger 12/08/24, 00:00 to 12/08/24, 03:00	Assess potential for shifting operations to more favourable conditions	No current activities	11/08/24, 17:45
	Ensure water truck is on standby to apply water	Water truck is on standby	11/08/24, 17:45
	Pre-emptive watering of stockpiles before handling	Watering not required	11/08/24, 17:45
	Visual observations of site every 3 hours	Operators inspecting site for visible dust	11/08/24, 17:45
Low Trigger 15/08/24, 06:00 to 15/08/24, 09:00	Assess potential for shifting operations to more favourable conditions	No opportunity to shift operations	15/08/24, 08:16
	Ensure water truck is on standby to apply water	Water truck is on standby	15/08/24, 08:16
	Pre-emptive watering of stockpiles before handling	Watering not required	15/08/24, 08:16
	Visual observations of site every 3 hours	Operators inspecting site for visible dust	15/08/24, 08:16
Low Trigger 19/08/24, 03:00 to 19/08/24, 06:00	Assess potential for shifting operations to more favourable conditions	No current activities	18/08/24, 17:25
	Ensure water truck is on standby to apply water	Water truck is on standby	18/08/24, 17:25
	Pre-emptive watering of stockpiles before handling	Watering not required	18/08/24, 17:25
	Visual observations of site every 3 hours	Operators inspecting site for visible dust	18/08/24, 17:25
	Assess potential for shifting operations to more favourable conditions	No current activities	19/08/24, 06:47
	Ensure water truck is on standby to apply water	Water truck is on standby	19/08/24, 06:47
	Pre-emptive watering of stockpiles before handling	Watering not required	19/08/24, 06:47
	Visual observations of site every 3 hours	Operators inspecting site for visible dust	19/08/24, 06:47
	Visual observations of major stockpiles	Operators inspecting major stockpiles for visible dust	19/08/24, 06:47
	Additional watering if warranted	Additional watering not required	19/08/24, 06:47
	Assess potential for shifting operations to more favourable conditions	No current activities	19/08/24, 17:26
	Ensure water truck is on standby to apply water	Water truck is on standby	19/08/24, 17:26
	Pre-emptive watering of stockpiles before handling	Watering not required	19/08/24, 17:26
	Visual observations of site every 3 hours	Operators inspecting site for visible dust	19/08/24, 17:26
	Visual observations of major stockpiles	Operators inspecting major stockpiles for visible dust	19/08/24, 17:26
	Additional watering if warranted	Additional watering not required	19/08/24, 17:26
Low Trigger 19/08/24, 06:00 to 19/08/24, 09:00	Assess potential for shifting operations to more favourable conditions	No current activities	18/08/24, 17:25
	Ensure water truck is on standby to apply water	Water truck is on standby	18/08/24, 17:25
	Pre-emptive watering of stockpiles before handling	Watering not required	18/08/24, 17:25
	Visual observations of site every 3 hours	Operators inspecting site for visible dust	18/08/24, 17:25
	Assess potential for shifting operations to more favourable conditions	No current activities	19/08/24, 06:47
	Ensure water truck is on standby to apply water	Water truck is on standby	19/08/24, 06:47
	Pre-emptive watering of stockpiles before handling	Watering not required	19/08/24, 06:47
	Visual observations of site every 3 hours	Operators inspecting site for visible dust	19/08/24, 06:47
	Visual observations of major stockpiles	Operators inspecting major stockpiles for visible dust	19/08/24, 06:47
	Additional watering if warranted	Additional watering not required	19/08/24, 06:47
	Assess potential for shifting operations to more favourable conditions	No current activities	19/08/24, 17:26
	Ensure water truck is on standby to apply water	Water truck is on standby	19/08/24, 17:26
	Pre-emptive watering of stockpiles before handling	Watering not required	19/08/24, 17:26
	Visual observations of site every 3 hours	Operators inspecting site for visible dust	19/08/24, 17:26
	Visual observations of major stockpiles	Operators inspecting major stockpiles for visible dust	19/08/24, 17:26
	Additional watering if warranted	Additional watering not required	19/08/24, 17:26
Assess potential for shifting operations to more favourable conditions	No current activities	18/08/24, 17:25	

	Ensure water truck is on standby to apply water	Water truck is on standby	19/08/24, 06:47
	Pre-emptive watering of stockpiles before handling	Watering not required	19/08/24, 06:47
	Visual observations of site every 3 hours	Operators inspecting site for visible dust	19/08/24, 06:47
	Visual observations of major stockpiles	Operators inspecting major stockpiles for visible dust	19/08/24, 06:47
	Additional watering if warranted	Additional watering not required	19/08/24, 06:47
	Assess potential for shifting operations to more favourable conditions	No current activities	19/08/24, 17:26
	Ensure water truck is on standby to apply water	Water truck is on standby	19/08/24, 17:26
	Pre-emptive watering of stockpiles before handling	Watering not required	19/08/24, 17:26
	Visual observations of site every 3 hours	Operators inspecting site for visible dust	19/08/24, 17:26
High Trigger	Visual observations of major stockpiles	Operators inspecting major stockpiles for visible dust	19/08/24, 17:26
19/08/24, 18:00 to 19/08/24, 21:00	Additional watering if warranted	Additional watering not required	19/08/24, 17:26
	Assess potential for shifting operations to more favourable conditions	No current activities	18/08/24, 17:25
	Ensure water truck is on standby to apply water	Water truck is on standby	18/08/24, 17:25
	Pre-emptive watering of stockpiles before handling	Watering not required	18/08/24, 17:25
	Visual observations of site every 3 hours	Operators inspecting site for visible dust	18/08/24, 17:25
	Assess potential for shifting operations to more favourable conditions	No current activities	19/08/24, 06:47
	Ensure water truck is on standby to apply water	Water truck is on standby	19/08/24, 06:47
	Pre-emptive watering of stockpiles before handling	Watering not required	19/08/24, 06:47
	Visual observations of site every 3 hours	Operators inspecting site for visible dust	19/08/24, 06:47
	Visual observations of major stockpiles	Operators inspecting major stockpiles for visible dust	19/08/24, 06:47
	Additional watering if warranted	Additional watering not required	19/08/24, 06:47
	Assess potential for shifting operations to more favourable conditions	No current activities	19/08/24, 17:26
	Ensure water truck is on standby to apply water	Water truck is on standby	19/08/24, 17:26
	Pre-emptive watering of stockpiles before handling	Watering not required	19/08/24, 17:26
	Visual observations of site every 3 hours	Operators inspecting site for visible dust	19/08/24, 17:26
High Trigger	Visual observations of major stockpiles	Operators inspecting major stockpiles for visible dust	19/08/24, 17:26
19/08/24, 21:00 to 20/08/24, 00:00	Additional watering if warranted	Additional watering not required	19/08/24, 17:26
	Assess potential for shifting operations to more favourable conditions	No current activities	18/08/24, 17:25
	Ensure water truck is on standby to apply water	Water truck is on standby	18/08/24, 17:25
	Pre-emptive watering of stockpiles before handling	Watering not required	18/08/24, 17:25
	Visual observations of site every 3 hours	Operators inspecting site for visible dust	18/08/24, 17:25
	Assess potential for shifting operations to more favourable conditions	No current activities	19/08/24, 06:47
	Ensure water truck is on standby to apply water	Water truck is on standby	19/08/24, 06:47
	Pre-emptive watering of stockpiles before handling	Watering not required	19/08/24, 06:47
	Visual observations of site every 3 hours	Operators inspecting site for visible dust	19/08/24, 06:47
	Visual observations of major stockpiles	Operators inspecting major stockpiles for visible dust	19/08/24, 06:47
	Additional watering if warranted	Additional watering not required	19/08/24, 06:47
	Assess potential for shifting operations to more favourable conditions	No current activities	19/08/24, 17:26
	Ensure water truck is on standby to apply water	Water truck is on standby	19/08/24, 17:26
	Pre-emptive watering of stockpiles before handling	Watering not required	19/08/24, 17:26
	Visual observations of site every 3 hours	Operators inspecting site for visible dust	19/08/24, 17:26
Low Trigger	Visual observations of major stockpiles	Operators inspecting major stockpiles for visible dust	19/08/24, 17:26
20/08/24, 00:00 to 20/08/24, 03:00	Additional watering if warranted	Additional watering not required	19/08/24, 17:26
	Assess potential for shifting operations to more favourable conditions	No opportunity to shift operations	22/08/24, 18:09
	Ensure water truck is on standby to apply water	Water truck is on standby	22/08/24, 18:09
	Pre-emptive watering of stockpiles before handling	Watering not required	22/08/24, 18:09
	Visual observations of site every 3 hours	Operators inspecting site for visible dust	22/08/24, 18:09
Low Trigger	Other	No action required - conditions already addressed	22/08/24, 18:09
23/08/24, 03:00 to 23/08/24, 06:00	Assess potential for shifting operations to more favourable conditions	Shifted operations to more favourable conditions	23/08/24, 05:20
	Assess potential for shifting operations to more favourable conditions	No opportunity to shift operations	22/08/24, 18:09
	Ensure water truck is on standby to apply water	Water truck is on standby	22/08/24, 18:09
	Pre-emptive watering of stockpiles before handling	Watering not required	22/08/24, 18:09

Medium Trigger 23/08/24, 06:00 to 23/08/24, 09:00	Visual observations of site every 3 hours	Operators inspecting site for visible dust	22/08/24, 18:09
	Other	No action required - conditions already addressed	22/08/24, 18:09
	Assess potential for shifting operations to more favourable conditions	Shifted operations to more favourable conditions	23/08/24, 05:20
Low Trigger 23/08/24, 09:00 to 23/08/24, 12:00	Assess potential for shifting operations to more favourable conditions	No opportunity to shift operations	22/08/24, 18:09
	Ensure water truck is on standby to apply water	Water truck is on standby	22/08/24, 18:09
	Pre-emptive watering of stockpiles before handling	Watering not required	22/08/24, 18:09
	Visual observations of site every 3 hours	Operators inspecting site for visible dust	22/08/24, 18:09
	Other	No action required - conditions already addressed	22/08/24, 18:09
Low Trigger 29/08/24, 15:00 to 29/08/24, 18:00	Assess potential for shifting operations to more favourable conditions	Shifted operations to more favourable conditions	23/08/24, 05:20
	Assess potential for shifting operations to more favourable conditions	No current activities	29/08/24, 05:35
	Ensure water truck is on standby to apply water	Water truck is operational	29/08/24, 05:35
	Pre-emptive watering of stockpiles before handling	Watering not required	29/08/24, 05:35
	Visual observations of site every 3 hours	Operators inspecting site for visible dust	29/08/24, 05:35

Visual Observations

No triggers during this period

Trigger Action Response Plan - Response Summary

The tables below show the triggers that were generated as part of the Adelaide Brighton Cement Trigger Action Response Plan (TARP) between 01 September, 2024 and 01 October, 2024 along with the resulting management actions taken.

DT1 Southern Grounds

Trigger Time	Response	Action Taken	Action Recorded
Low Trigger 05/09/24, 09:00 to 05/09/24, 09:22	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	05/09/24, 09:22
Low Trigger 05/09/24, 13:00 to 05/09/24, 13:21	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	05/09/24, 13:21
Medium Trigger 05/09/24, 20:00 to 05/09/24, 21:57	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	05/09/24, 19:20
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	05/09/24, 21:57
Low Trigger 06/09/24, 01:00 to 06/09/24, 01:29	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	06/09/24, 01:25
Medium Trigger 10/09/24, 22:00 to 11/09/24, 03:43	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	11/09/24, 03:42
	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	11/09/24, 03:42
	Visual observations onsite to check if there are any significant visible dust emissions in the region of the exceeding monitor	Checked for dust emissions in the area - sources identified	11/09/24, 03:42
Low Trigger 13/09/24, 07:00 to 13/09/24, 07:37	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	13/09/24, 07:37
Low Trigger 28/09/24, 11:00 to 28/09/24, 11:29	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	28/09/24, 11:29

DT2 Eastern Grounds

Trigger Time	Response	Action Taken	Action Recorded
Low Trigger 02/09/24, 02:00 to 03/09/24, 00:47	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	03/09/24, 00:46
Low Trigger 04/09/24, 13:00 to 04/09/24, 13:25	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	04/09/24, 13:25
Low Trigger 05/09/24, 08:00 to 05/09/24, 09:09	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	05/09/24, 09:09
Medium Trigger 10/09/24, 21:00 to 11/09/24, 03:44	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	11/09/24, 03:43
	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	11/09/24, 03:43
	Visual observations onsite to check if there are any significant visible dust emissions in the region of the exceeding monitor	Checked for dust emissions in the area - sources identified	11/09/24, 03:43
Low Trigger 11/09/24, 04:00 to 11/09/24, 04:36	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	11/09/24, 04:35
Low Trigger 11/09/24, 08:00 to 11/09/24, 08:22	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	11/09/24, 08:22
Low Trigger 13/09/24, 07:00 to 13/09/24, 07:37	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	13/09/24, 07:37
Low Trigger 18/09/24, 10:00 to 18/09/24, 15:21	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	18/09/24, 15:21
Low Trigger 18/09/24, 20:00 to 18/09/24, 23:45	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	18/09/24, 23:19
Low Trigger 24/09/24, 09:00 to 24/09/24, 14:07	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	24/09/24, 14:07
Medium Trigger 28/09/24, 12:00 to 28/09/24, 14:37	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	28/09/24, 13:51
	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	28/09/24, 13:51
	Visual observations onsite to check if there are any significant visible dust emissions in the region of the exceeding monitor	Checked for dust emissions in the area - no sources identified	28/09/24, 13:51
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	28/09/24, 14:37
	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	28/09/24, 14:37
	Visual observations onsite to check if there are any significant visible dust emissions in the region of the exceeding monitor	Checked for dust emissions in the area - no sources identified	28/09/24, 14:37

DT3 Block 9

Trigger Time	Response	Action Taken	Action Recorded
Medium Trigger 09/09/24, 13:00 to 10/09/24, 01:28	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/09/24, 01:25
	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	10/09/24, 01:25
	Visual observations onsite to check if there are any significant visible dust emissions in the region of the exceeding monitor	Checked for dust emissions in the area - sources identified	10/09/24, 01:25

DT5 Northern Grounds

Trigger Time	Response	Action Taken	Action Recorded
Low Trigger 30/08/24, 15:00 to 03/09/24, 00:46	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	03/09/24, 00:46
Low Trigger 05/09/24, 08:00 to 05/09/24, 09:09	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	05/09/24, 09:09
Low Trigger 05/09/24, 18:00 to 05/09/24, 21:57	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	05/09/24, 18:29
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	05/09/24, 19:19
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	05/09/24, 21:57
Low Trigger 06/09/24, 02:00 to 06/09/24, 02:17	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	06/09/24, 02:17
Medium Trigger 10/09/24, 21:00 to 11/09/24, 03:55	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	11/09/24, 03:55
Low Trigger 12/09/24, 07:00 to 12/09/24, 07:25	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	12/09/24, 07:25
Low Trigger 24/09/24, 01:00 to 24/09/24, 01:50	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	24/09/24, 01:50
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	24/09/24, 14:07
	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	24/09/24, 14:07
Medium Trigger 24/09/24, 09:00 to 24/09/24, 14:08	Visual observations onsite to check if there are any significant visible dust emissions in the region of the exceeding monitor	Checked for dust emissions in the area - no sources identified	24/09/24, 14:07
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	28/09/24, 13:51
Low Trigger 28/09/24, 12:00 to 28/09/24, 13:51	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	28/09/24, 13:51

Meteorology - Observations

No triggers during this period

Meteorology - Forecast

Trigger Time	Response	Action Taken	Action Recorded
Low Trigger 03/09/24, 21:00 to 04/09/24, 00:00	Assess potential for shifting operations to more favourable conditions	Shifted operations to more favourable conditions	03/09/24, 17:24
	Ensure water truck is on standby to apply water	Water truck is on standby	03/09/24, 17:24
	Pre-emptive watering of stockpiles before handling	Watering completed	03/09/24, 17:24
	Visual observations of site every 3 hours	Operators inspecting site for visible dust	03/09/24, 17:24
Low Trigger 04/09/24, 09:00 to 04/09/24, 12:00	Assess potential for shifting operations to more favourable conditions	No current activities	04/09/24, 06:40
	Ensure water truck is on standby to apply water	Water truck is operational	04/09/24, 06:40
	Pre-emptive watering of stockpiles before handling	Watering completed	04/09/24, 06:40
	Visual observations of site every 3 hours	Operators inspecting site for visible dust	04/09/24, 06:40
Low Trigger 04/09/24, 12:00 to 04/09/24, 15:00	Assess potential for shifting operations to more favourable conditions	No current activities	04/09/24, 06:40
	Ensure water truck is on standby to apply water	Water truck is operational	04/09/24, 06:40
	Pre-emptive watering of stockpiles before handling	Watering completed	04/09/24, 06:40
	Visual observations of site every 3 hours	Operators inspecting site for visible dust	04/09/24, 06:40
Low Trigger 04/09/24, 18:00 to 04/09/24, 21:00	Assess potential for shifting operations to more favourable conditions	No current activities	04/09/24, 17:17
	Ensure water truck is on standby to apply water	Water truck is on standby	04/09/24, 17:17
	Pre-emptive watering of stockpiles before handling	Watering completed	04/09/24, 17:17
	Visual observations of site every 3 hours	Operators inspecting site for visible dust	04/09/24, 17:17
Medium Trigger 14/09/24, 12:00 to 14/09/24, 15:00	Assess potential for shifting operations to more favourable conditions	No current activities	14/09/24, 05:30
	Ensure water truck is on standby to apply water	Water truck is on standby	14/09/24, 05:30
	Pre-emptive watering of stockpiles before handling	Watering not required	14/09/24, 05:30
	Visual observations of site every 3 hours	Operators inspecting site for visible dust	14/09/24, 05:30
	Visual observations of major stockpiles	Operators inspecting major stockpiles for visible dust	14/09/24, 05:30
	Additional watering if warranted	Additional watering not required	14/09/24, 05:30
	Assess potential for shifting operations to more favourable conditions	Shifted operations to more favourable conditions	14/09/24, 17:29
	Assess potential for shifting operations to more favourable conditions	No current activities	14/09/24, 05:30
Medium Trigger 14/09/24, 15:00 to 14/09/24, 18:00	Ensure water truck is on standby to apply water	Water truck is on standby	14/09/24, 05:30
	Pre-emptive watering of stockpiles before handling	Watering not required	14/09/24, 05:30
	Visual observations of site every 3 hours	Operators inspecting site for visible dust	14/09/24, 05:30
	Visual observations of major stockpiles	Operators inspecting major stockpiles for visible dust	14/09/24, 05:30
	Additional watering if warranted	Additional watering not required	14/09/24, 05:30
	Assess potential for shifting operations to more favourable conditions	Shifted operations to more favourable conditions	14/09/24, 17:29
	Assess potential for shifting operations to more favourable conditions	No current activities	14/09/24, 05:30
	Ensure water truck is on standby to apply water	Water truck is on standby	14/09/24, 05:30
Low Trigger 14/09/24, 18:00 to 14/09/24, 21:00	Pre-emptive watering of stockpiles before handling	Watering not required	14/09/24, 05:30
	Visual observations of site every 3 hours	Operators inspecting site for visible dust	14/09/24, 05:30
	Visual observations of major stockpiles	Operators inspecting major stockpiles for visible dust	14/09/24, 05:30
	Additional watering if warranted	Additional watering not required	14/09/24, 05:30
	Assess potential for shifting operations to more favourable conditions	Shifted operations to more favourable conditions	14/09/24, 17:29
High Trigger 25/09/24, 15:00 to 25/09/24, 18:00	Ensure water truck is on standby to apply water	Water truck is on standby	27/09/24, 07:47
	Visual observations of site every 3 hours	Operators inspecting site for visible dust	27/09/24, 07:47
Low Trigger 25/09/24, 18:00 to 25/09/24, 21:00	Ensure water truck is on standby to apply water	Water truck is on standby	27/09/24, 07:47
	Visual observations of site every 3 hours	Operators inspecting site for visible dust	27/09/24, 07:47
Low Trigger 27/09/24, 21:00 to 28/09/24, 00:00	Assess potential for shifting operations to more favourable conditions	No current activities	28/09/24, 07:08
	Ensure water truck is on standby to apply water	Water truck is on standby	28/09/24, 07:08
	Pre-emptive watering of stockpiles before handling	Watering not required	28/09/24, 07:08
	Visual observations of site every 3 hours	Operators inspecting site for visible dust	28/09/24, 07:08
Low Trigger 28/09/24, 00:00 to 28/09/24, 03:00	Assess potential for shifting operations to more favourable conditions	No current activities	28/09/24, 07:08
	Ensure water truck is on standby to apply water	Water truck is on standby	28/09/24, 07:08
	Pre-emptive watering of stockpiles before handling	Watering not required	28/09/24, 07:08
	Visual observations of site every 3 hours	Operators inspecting site for visible dust	28/09/24, 07:08

Low Trigger 28/09/24, 06:00 to 28/09/24, 09:00	Assess potential for shifting operations to more favourable conditions	No current activities	28/09/24, 07:08
	Ensure water truck is on standby to apply water	Water truck is on standby	28/09/24, 07:08
	Pre-emptive watering of stockpiles before handling	Watering not required	28/09/24, 07:08
	Visual observations of site every 3 hours	Operators inspecting site for visible dust	28/09/24, 07:08
	Visual observations of major stockpiles	Operators inspecting major stockpiles for visible dust	28/09/24, 07:08
	Additional watering if warranted	Additional watering not required	28/09/24, 07:08
High Trigger 28/09/24, 09:00 to 28/09/24, 12:00	Review ambient monitoring PM10 levels	Ambient monitoring being reviewed	28/09/24, 07:08
	Assess potential for shifting operations to more favourable conditions	No current activities	28/09/24, 07:08
	Ensure water truck is on standby to apply water	Water truck is on standby	28/09/24, 07:08
	Pre-emptive watering of stockpiles before handling	Watering not required	28/09/24, 07:08
	Visual observations of site every 3 hours	Operators inspecting site for visible dust	28/09/24, 07:08
	Visual observations of major stockpiles	Operators inspecting major stockpiles for visible dust	28/09/24, 07:08
Low Trigger 28/09/24, 18:00 to 28/09/24, 21:00	Additional watering if warranted	Additional watering not required	28/09/24, 07:08
	Review ambient monitoring PM10 levels	Ambient monitoring being reviewed	28/09/24, 07:08
	Assess potential for shifting operations to more favourable conditions	No current activities	28/09/24, 17:20
	Ensure water truck is on standby to apply water	Water truck is on standby	28/09/24, 17:20
	Pre-emptive watering of stockpiles before handling	Watering not required	28/09/24, 17:20
	Visual observations of site every 3 hours	Operators inspecting site for visible dust	28/09/24, 17:20

Visual Observations

No triggers during this period