



Adelaide Brighton Cement Ltd

an **ADBRI** company

adelaidebrighton.com.au

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

QUARTERLY AIR PARTICULATE MANAGEMENT REPORT FOR BIRKENHEAD WORKS

COMPLIANCE DATE: 31/01/24 – Quarter 4, 2023
EPA Licence 1126: Dust Management Plan (U - 1549)

Licensed site: Adelaide Brighton Cement, Birkenhead Works

62 Elder Road, Birkenhead, SA 5015

Date of Submission: 31 January 2024

Version Number: 1



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

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
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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
24 hour average	Calendar day (midnight to midnight)

Abbreviations	Definition
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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 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
Monitor
Locations**



Map showing sampling locations, major infrastructure, sensitive environmental receptors, and north arrow

Sampling locations are indicated by colour-coded dots on the above map.

NB: Four sampling points are located on the Birkenhead Works site; the other sampling points are in the community (corner of Gunn/ Well streets and Community Park).

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. A new monitoring location is currently being determined.

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. 																																								
Exceedance Reports	<p>There were no 24-hour exceedances of PM₁₀ and PM_{2.5} Air (EPP) criteria on ambient particulate monitors in the community, during this reporting period.</p>																																								
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 217 trigger alerts were raised for the quarter • A total of 446 actions in response to the alerts were implemented for the quarter • An average of 2 actions per trigger <p>This report confirms the current TARP is assisting in managing dust control measures to minimise offsite dust from the site.</p>																																								
Air Particulate Complaints	<p>Air particulate related complaints for the reporting period are tabled below</p> <table border="1" data-bbox="439 711 2040 1270"> <thead> <tr> <th>Date</th> <th>Time</th> <th>Location</th> <th>Description</th> <th>Action Taken</th> </tr> </thead> <tbody> <tr> <td>10/10/2023</td> <td>10:23</td> <td>Hargrave Street, Birkenhead</td> <td>Dust on car</td> <td>Sample taken for analysis - cementitious material - car wash voucher provided</td> </tr> <tr> <td>17/10/2023</td> <td>16:12</td> <td>Location not provided Birkenhead</td> <td>Dust on car - stripping paint</td> <td>Information provided for dust sample to be taken - Resident did not bring car in</td> </tr> <tr> <td>24/10/2023</td> <td>15:30</td> <td>Alfred Street, Birkenhead</td> <td>Dust on car - damage to paint</td> <td>Car brought in for a dust sample to be taken - not able to take sample as car had been washed</td> </tr> <tr> <td>15/11/2023</td> <td>17:30</td> <td>Alfred Street, Birkenhead</td> <td>Dust on car</td> <td>Car brought in for a dust sample to be taken - unable to take sufficient sample for dust analysis as car had been washed</td> </tr> <tr> <td>15/11/2023</td> <td>16:45</td> <td>Alfred Street, Birkenhead</td> <td>Dust on car</td> <td>Sample taken for analysis - cementitious material - car wash voucher provided</td> </tr> <tr> <td>18/11/2023</td> <td>09:47</td> <td>Baker Street, Birkenhead</td> <td>Dust on car</td> <td>Resident washed car as unable to bring car in for dust analysis</td> </tr> <tr> <td>21/12/2023</td> <td>10:16</td> <td>Mary Street , Peterhead</td> <td>Dust on car</td> <td>Sample taken for analysis - not cementitious material</td> </tr> </tbody> </table> <p>Difficult to provide wind speed and direction data as specific time and date of occurrence was not available.</p>	Date	Time	Location	Description	Action Taken	10/10/2023	10:23	Hargrave Street, Birkenhead	Dust on car	Sample taken for analysis - cementitious material - car wash voucher provided	17/10/2023	16:12	Location not provided Birkenhead	Dust on car - stripping paint	Information provided for dust sample to be taken - Resident did not bring car in	24/10/2023	15:30	Alfred Street, Birkenhead	Dust on car - damage to paint	Car brought in for a dust sample to be taken - not able to take sample as car had been washed	15/11/2023	17:30	Alfred Street, Birkenhead	Dust on car	Car brought in for a dust sample to be taken - unable to take sufficient sample for dust analysis as car had been washed	15/11/2023	16:45	Alfred Street, Birkenhead	Dust on car	Sample taken for analysis - cementitious material - car wash voucher provided	18/11/2023	09:47	Baker Street, Birkenhead	Dust on car	Resident washed car as unable to bring car in for dust analysis	21/12/2023	10:16	Mary Street , Peterhead	Dust on car	Sample taken for analysis - not cementitious material
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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 October, 2023 and 01 November, 2023 along with the resulting management actions taken.

DT1 Southern Grounds

Trigger Time	Response	Action Taken	Action Recorded
Low Trigger 09/10/23, 07:00 to 09/10/23, 07:27	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	09/10/23, 07:26
Medium Trigger 10/10/23, 08:00 to 10/10/23, 08:25	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/10/23, 08:25
	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	10/10/23, 08:25
	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	10/10/23, 08:25
Low Trigger 10/10/23, 23:00 to 11/10/23, 03:38	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	11/10/23, 03:38
Low Trigger 17/10/23, 07:00 to 18/10/23, 07:51	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	17/10/23, 07:35
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	18/10/23, 07:51
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	17/10/23, 07:35
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	18/10/23, 07:51
Low Trigger 18/10/23, 23:00 to 19/10/23, 09:53	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	19/10/23, 09:53
Medium Trigger 19/10/23, 22:00 to 20/10/23, 06:00	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	20/10/23, 06:00
	Other	No action required - conditions already addressed	20/10/23, 06:00
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	20/10/23, 06:00
Medium Trigger 26/10/23, 07:00 to 26/10/23, 16:30	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	26/10/23, 16:30

DT2 Eastern Grounds

Trigger Time	Response	Action Taken	Action Recorded
Low Trigger 01/10/23, 04:00 to 01/10/23, 04:22	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	01/10/23, 04:22
Low Trigger 01/10/23, 22:00 to 01/10/23, 22:29	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	01/10/23, 22:28
Low Trigger 02/10/23, 00:00 to 02/10/23, 00:31	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	02/10/23, 00:31
	Other	No action required - conditions already addressed	02/10/23, 00:31
Low Trigger 02/10/23, 04:00 to 02/10/23, 04:35	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	02/10/23, 04:35
	Other	No action required - conditions already addressed	02/10/23, 04:35
Medium Trigger 02/10/23, 22:00 to 02/10/23, 22:18	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	02/10/23, 22:18
Medium Trigger 09/10/23, 07:00 to 09/10/23, 07:26	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	09/10/23, 07:26
High Trigger 10/10/23, 08:00 to 10/10/23, 09:53	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/10/23, 07:19
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/10/23, 08:26
	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	10/10/23, 08:26
	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	10/10/23, 08:26
	Reduce the relevant dust producing activities or reschedule to more suitable meteorological conditions	Other (provide comments)	10/10/23, 08:26
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/10/23, 09:53
Low Trigger 10/10/23, 18:00 to 11/10/23, 03:37	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	11/10/23, 03:35
Low Trigger 11/10/23, 02:00 to 11/10/23, 03:38	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	11/10/23, 03:38
Medium Trigger 11/10/23, 11:00 to 11/10/23, 16:22	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	11/10/23, 11:01
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	11/10/23, 12:18
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	11/10/23, 13:25
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	11/10/23, 14:30
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	11/10/23, 16:01
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	11/10/23, 16:22
Medium Trigger 11/10/23, 19:00 to 11/10/23, 19:17	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	11/10/23, 19:17
Low Trigger 14/10/23, 00:00 to 14/10/23, 01:47	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	14/10/23, 01:47
Low Trigger 19/10/23, 23:00 to 20/10/23, 06:01	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	20/10/23, 06:00
	Other	No action required - conditions already addressed	20/10/23, 06:00

Low Trigger 26/10/23, 10:00 to 26/10/23, 16:30	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	26/10/23, 16:29
Low Trigger 26/10/23, 12:00 to 26/10/23, 16:29	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	26/10/23, 16:29
Low Trigger 26/10/23, 20:00 to 27/10/23, 00:58	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	27/10/23, 00:57
	Other	No action required - regional dust event	27/10/23, 00:57
Low Trigger 31/10/23, 10:00 to 31/10/23, 13:47	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	31/10/23, 13:47
	Other	No action required - regional dust event	31/10/23, 13:47

DT3 Block 9

Trigger Time	Response	Action Taken	Action Recorded
Low Trigger 02/10/23, 07:00 to 02/10/23, 07:22	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	02/10/23, 07:21

DT5 Northern Grounds

Trigger Time	Response	Action Taken	Action Recorded
Medium Trigger 02/10/23, 02:00 to 02/10/23, 02:32	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	02/10/23, 02:31
	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	02/10/23, 02:31
	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	02/10/23, 02:31
	Other	No action required - regional dust event	02/10/23, 02:31
Medium Trigger 02/10/23, 07:00 to 02/10/23, 08:15	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	02/10/23, 07:22
	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	02/10/23, 07:22
	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	02/10/23, 07:22
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	02/10/23, 08:15
Medium Trigger 02/10/23, 07:00 to 02/10/23, 08:15	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	02/10/23, 08:15
	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	02/10/23, 08:15
Low Trigger 02/10/23, 22:00 to 02/10/23, 22:18	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	02/10/23, 22:18
Low Trigger 06/10/23, 09:00 to 06/10/23, 09:25	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	06/10/23, 09:25
Low Trigger 06/10/23, 15:00 to 06/10/23, 15:22	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	06/10/23, 15:22
Low Trigger 06/10/23, 17:00 to 06/10/23, 17:15	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	06/10/23, 17:15
Medium Trigger 06/10/23, 19:00 to 06/10/23, 19:17	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	06/10/23, 19:17
	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	06/10/23, 19:17
	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	06/10/23, 19:17
Low Trigger 06/10/23, 21:00 to 06/10/23, 22:01	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	06/10/23, 22:01
Low Trigger 07/10/23, 00:00 to 07/10/23, 01:08	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	07/10/23, 01:08
Low Trigger 07/10/23, 20:00 to 07/10/23, 20:26	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	07/10/23, 20:26
Medium Trigger 08/10/23, 00:00 to 08/10/23, 00:28	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	07/10/23, 22:39
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	07/10/23, 23:21
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	08/10/23, 00:28
Low Trigger 08/10/23, 21:00 to 08/10/23, 21:21	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	08/10/23, 21:20
Medium Trigger 08/10/23, 23:00 to 08/10/23, 23:13	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	08/10/23, 23:13
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	09/10/23, 06:20
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	09/10/23, 07:26

	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	09/10/23, 08:23
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	09/10/23, 09:47
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	09/10/23, 06:20
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	09/10/23, 07:26
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	09/10/23, 08:23
High Trigger 09/10/23, 07:00 to 09/10/23, 09:47	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	09/10/23, 09:47
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	09/10/23, 23:05
Medium Trigger 09/10/23, 21:00 to 09/10/23, 23:05	Other	No action required - conditions already addressed	09/10/23, 23:05
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/10/23, 07:19
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/10/23, 08:26
High Trigger 10/10/23, 08:00 to 10/10/23, 09:53	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/10/23, 09:53
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	11/10/23, 03:37
High Trigger 10/10/23, 22:00 to 11/10/23, 03:37	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	11/10/23, 03:37
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	11/10/23, 14:29
Low Trigger 11/10/23, 14:00 to 11/10/23, 14:30	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	17/10/23, 04:14
Medium Trigger 17/10/23, 04:00 to 17/10/23, 04:14	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	18/10/23, 07:52
Medium Trigger 17/10/23, 16:00 to 18/10/23, 07:52	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	18/10/23, 07:52
Medium Trigger 17/10/23, 23:00 to 18/10/23, 07:52	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	19/10/23, 09:52
High Trigger 18/10/23, 23:00 to 19/10/23, 09:53	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	19/10/23, 09:52
	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	19/10/23, 09:52
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	20/10/23, 05:59
	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	20/10/23, 05:59
	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	20/10/23, 05:59
High Trigger 19/10/23, 22:00 to 20/10/23, 06:00	Other	No action required - conditions already addressed	20/10/23, 05:59
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	23/10/23, 07:50
Low Trigger 23/10/23, 02:00 to 23/10/23, 07:50	Other	No action required - regional dust event	23/10/23, 07:50
Low Trigger 23/10/23, 20:00 to 23/10/23, 20:31	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	23/10/23, 20:31
Low Trigger 25/10/23, 13:00 to 25/10/23, 13:30	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	25/10/23, 13:29
Medium Trigger 26/10/23, 00:00 to 26/10/23, 00:19	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	26/10/23, 00:19

Medium Trigger 27/10/23, 19:00 to 27/10/23, 21:55	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	27/10/23, 21:54
	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	27/10/23, 21:54
Low Trigger 27/10/23, 21:00 to 27/10/23, 21:55	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	27/10/23, 21:55
Medium Trigger 31/10/23, 19:00 to 31/10/23, 19:52	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	31/10/23, 19:52
	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	31/10/23, 19:52

Meteorology - Observations

No triggers during this period

Meteorology - Forecast

No triggers during this period

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 November, 2023 and 01 December, 2023 along with the resulting management actions taken.

DT1 Southern Grounds

Trigger Time	Response	Action Taken	Action Recorded
Low Trigger 01/11/23, 07:00 to 01/11/23, 07:16	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	01/11/23, 07:16
Low Trigger 01/11/23, 19:00 to 01/11/23, 19:27	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	01/11/23, 19:27
Low Trigger 02/11/23, 07:00 to 02/11/23, 15:20	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	02/11/23, 15:20
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	02/11/23, 15:20
Low Trigger 06/11/23, 03:00 to 06/11/23, 03:20	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	06/11/23, 03:20
Low Trigger 06/11/23, 07:00 to 06/11/23, 08:23	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	06/11/23, 08:04
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	06/11/23, 08:22
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	06/11/23, 08:04
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	06/11/23, 08:22
Medium Trigger 08/11/23, 07:00 to 08/11/23, 10:12	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	08/11/23, 10:11
	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	08/11/23, 10:11
	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	08/11/23, 10:11
Low Trigger 08/11/23, 09:00 to 08/11/23, 10:13	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	08/11/23, 10:13
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	08/11/23, 10:13
Low Trigger 10/11/23, 07:00 to 10/11/23, 15:55	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/11/23, 15:55
Low Trigger 10/11/23, 10:00 to 10/11/23, 15:55	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/11/23, 15:55
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	15/11/23, 12:20

Medium Trigger

15/11/23, 12:00 to 15/11/23, 12:56	Other	No action required - anomalous data	15/11/23, 12:53
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DT2 Eastern Grounds

Trigger Time	Response	Action Taken	Action Recorded
Low Trigger 01/11/23, 19:00 to 01/11/23, 19:27	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	01/11/23, 19:27
Low Trigger 02/11/23, 08:00 to 02/11/23, 15:20	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	02/11/23, 15:19
Low Trigger 03/11/23, 07:00 to 03/11/23, 07:26	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	03/11/23, 07:26
Medium Trigger 05/11/23, 04:00 to 05/11/23, 07:00	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	05/11/23, 07:00
	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	05/11/23, 07:00
	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	05/11/23, 07:00
Medium Trigger 06/11/23, 08:00 to 06/11/23, 08:24	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	06/11/23, 08:05
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	06/11/23, 08:23
Medium Trigger 08/11/23, 07:00 to 08/11/23, 10:11	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	08/11/23, 10:11
	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	08/11/23, 10:11
	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	08/11/23, 10:11
Medium Trigger 08/11/23, 10:00 to 08/11/23, 10:13	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	08/11/23, 10:13
	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	08/11/23, 10:13
	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	08/11/23, 10:13
Low Trigger 09/11/23, 10:00 to 09/11/23, 12:50	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	09/11/23, 12:50
Low Trigger 10/11/23, 07:00 to 10/11/23, 15:55	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/11/23, 15:54
Low Trigger 10/11/23, 11:00 to 10/11/23, 15:54	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/11/23, 15:54
Low Trigger 10/11/23, 19:00 to 11/11/23, 00:25	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	11/11/23, 00:25
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	11/11/23, 00:25
Low Trigger 13/11/23, 09:00 to 13/11/23, 09:21	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	13/11/23, 09:20
Low Trigger 21/11/23, 14:00 to 21/11/23, 14:25	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	21/11/23, 14:24
Low Trigger 24/11/23, 05:00 to 24/11/23, 05:30	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	24/11/23, 05:30
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	24/11/23, 09:00
Medium Trigger 24/11/23, 08:00 to 24/11/23, 09:00	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	24/11/23, 09:00
	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	24/11/23, 09:00
Low Trigger 28/11/23, 00:00 to 28/11/23, 06:34	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	28/11/23, 06:34

Low Trigger 29/11/23, 11:00 to 29/11/23, 14:38	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	29/11/23, 12:29
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	29/11/23, 13:35
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	29/11/23, 14:38
Low Trigger 29/11/23, 16:00 to 29/11/23, 17:17	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	29/11/23, 16:26
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	29/11/23, 17:17
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	29/11/23, 16:26
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	29/11/23, 17:17

DT3 Block 9

Trigger Time	Response	Action Taken	Action Recorded
Medium Trigger 21/11/23, 14:00 to 21/11/23, 14:24	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	21/11/23, 13:18
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	21/11/23, 14:24
	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	21/11/23, 14:24
	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	21/11/23, 14:24

DT5 Northern Grounds

Trigger Time	Response	Action Taken	Action Recorded
Low Trigger 01/11/23, 04:00 to 01/11/23, 05:00	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	01/11/23, 05:00
Low Trigger 01/11/23, 19:00 to 01/11/23, 21:32	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	01/11/23, 19:26
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	01/11/23, 21:32
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	01/11/23, 19:26
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	01/11/23, 21:32
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	01/11/23, 21:32
Medium Trigger 01/11/23, 22:00 to 01/11/23, 22:27	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	01/11/23, 22:27
Low Trigger 02/11/23, 00:00 to 02/11/23, 00:30	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	01/11/23, 22:27
Low Trigger 02/11/23, 00:00 to 02/11/23, 00:30	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	02/11/23, 00:30
Low Trigger 03/11/23, 07:00 to 03/11/23, 07:26	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	03/11/23, 07:26
Medium Trigger 04/11/23, 03:00 to 05/11/23, 07:00	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	05/11/23, 06:59
	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	05/11/23, 06:59
	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	05/11/23, 06:59
Medium Trigger 05/11/23, 01:00 to 05/11/23, 07:00	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	05/11/23, 07:00
	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	05/11/23, 07:00
	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	05/11/23, 07:00
High Trigger 05/11/23, 05:00 to 05/11/23, 07:01	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	05/11/23, 07:00
	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	05/11/23, 07:00
	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	05/11/23, 07:00
	Reduce the relevant dust producing activities or reschedule to more suitable meteorological conditions	No current activities	05/11/23, 07:00
	If dust mitigation equipment is unavailable or at fault, investigate temporary alternative management practices	Investigated temporary mitigation options	05/11/23, 07:00
Low Trigger 06/11/23, 02:00 to 06/11/23, 02:45	Mobilise water cart or apply additional water sprays	Other (provide comments)	05/11/23, 07:00
Low Trigger 06/11/23, 02:00 to 06/11/23, 02:45	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	06/11/23, 02:44
Medium Trigger 06/11/23, 08:00 to 06/11/23, 08:21	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	06/11/23, 08:21
Medium Trigger 08/11/23, 00:00 to 08/11/23, 00:49	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	08/11/23, 00:49
	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	08/11/23, 00:49
	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	08/11/23, 00:49
Medium Trigger 08/11/23, 00:00 to 08/11/23, 00:49	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	08/11/23, 02:34
	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	08/11/23, 02:34

High Trigger 08/11/23, 02:00 to 08/11/23, 02:35	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	08/11/23, 02:34
	Reduce the relevant dust producing activities or reschedule to more suitable meteorological conditions	No current activities	08/11/23, 02:34
	If dust mitigation equipment is unavailable or at fault, investigate temporary alternative management practices	Other (provide comments)	08/11/23, 02:34
	Mobilise water cart or apply additional water sprays	Other (provide comments)	08/11/23, 02:34
Medium Trigger 08/11/23, 07:00 to 08/11/23, 10:11	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	08/11/23, 10:11
	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	08/11/23, 10:11
	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	08/11/23, 10:11
Medium Trigger 08/11/23, 10:00 to 08/11/23, 10:13	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	08/11/23, 10:13
Low Trigger 09/11/23, 09:00 to 09/11/23, 12:49	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	09/11/23, 09:23
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	09/11/23, 09:23
High Trigger 09/11/23, 22:00 to 10/11/23, 00:32	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	09/11/23, 22:35
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	09/11/23, 23:40
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/11/23, 00:32
Medium Trigger 10/11/23, 04:00 to 10/11/23, 15:54	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/11/23, 04:20
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/11/23, 15:53
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/11/23, 04:20
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/11/23, 15:53
Medium Trigger 10/11/23, 07:00 to 10/11/23, 15:54	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/11/23, 15:54
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/11/23, 15:54
Low Trigger 10/11/23, 11:00 to 10/11/23, 15:54	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/11/23, 15:54
Low Trigger 10/11/23, 20:00 to 11/11/23, 00:26	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	11/11/23, 00:25
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	11/11/23, 00:25
Low Trigger 11/11/23, 08:00 to 11/11/23, 11:56	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	11/11/23, 08:54
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	11/11/23, 11:56
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	11/11/23, 08:54
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	11/11/23, 11:56
Low Trigger 13/11/23, 03:00 to 13/11/23, 06:56	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	13/11/23, 06:55

Medium Trigger 15/11/23, 20:00 to 15/11/23, 20:38	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	15/11/23, 20:38
	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	15/11/23, 20:38
	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	15/11/23, 20:38
Low Trigger 16/11/23, 11:00 to 16/11/23, 14:36	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	16/11/23, 11:48
	Other	No action required - regional dust event	16/11/23, 11:48
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	16/11/23, 14:36
	Other	No action required - regional dust event	16/11/23, 14:36
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	16/11/23, 11:48
	Other	No action required - regional dust event	16/11/23, 11:48
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	16/11/23, 14:36
	Other	No action required - regional dust event	16/11/23, 14:36
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	16/11/23, 11:48
	Other	No action required - regional dust event	16/11/23, 11:48
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	16/11/23, 14:36
	Other	No action required - regional dust event	16/11/23, 14:36
	Medium Trigger 16/11/23, 15:00 to 16/11/23, 16:23	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted
Ensure all routine dust management practices have been implemented		Checked controls are in place and working	16/11/23, 15:32
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 - no sources identified	16/11/23, 15:32
Other		No action required - conditions already addressed	16/11/23, 15:32
Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required		Operators alerted	16/11/23, 16:23
Low Trigger 16/11/23, 19:00 to 16/11/23, 20:43	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	16/11/23, 20:43
High Trigger 17/11/23, 23:00 to 18/11/23, 00:20	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	17/11/23, 22:16
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	17/11/23, 23:35
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	18/11/23, 00:19
Medium Trigger 18/11/23, 07:00 to 18/11/23, 11:10	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	18/11/23, 11:10
Low Trigger 21/11/23, 19:00 to 21/11/23, 20:10	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	21/11/23, 20:09
Medium Trigger 22/11/23, 15:00 to 22/11/23, 16:40	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	22/11/23, 14:32
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	22/11/23, 15:17
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	22/11/23, 16:40
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	22/11/23, 19:23
	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	22/11/23, 19:23

Medium Trigger 22/11/23, 19:00 to 22/11/23, 19:24	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	22/11/23, 19:23
Medium Trigger 23/11/23, 14:00 to 23/11/23, 14:23	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	23/11/23, 14:23
Medium Trigger 23/11/23, 16:00 to 23/11/23, 16:19	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	23/11/23, 16:19
	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	23/11/23, 16:19
Medium Trigger 23/11/23, 21:00 to 23/11/23, 21:28	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	23/11/23, 21:27
	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	23/11/23, 21:27
	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	23/11/23, 21:27
Medium Trigger 24/11/23, 08:00 to 24/11/23, 09:00	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	24/11/23, 08:59
	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	24/11/23, 08:59
	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	24/11/23, 08:59
Low Trigger 27/11/23, 11:00 to 27/11/23, 19:09	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	27/11/23, 19:09
Low Trigger 27/11/23, 17:00 to 27/11/23, 19:09	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	27/11/23, 19:09
Medium Trigger 28/11/23, 01:00 to 28/11/23, 06:35	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	28/11/23, 06:34
	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	28/11/23, 06:34
	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	28/11/23, 06:34
Low Trigger 30/11/23, 05:00 to 30/11/23, 07:14	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	30/11/23, 07:14
Medium Trigger 30/11/23, 07:00 to 30/11/23, 09:20	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	30/11/23, 07:14
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	30/11/23, 09:04
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	30/11/23, 09:20

Meteorology - Observations

No triggers during this period

Meteorology - Forecast

No triggers during this period

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 December, 2023 and 01 January, 2024 along with the resulting management actions taken.

DT1 Southern Grounds

Trigger Time	Response	Action Taken	Action Recorded
Low Trigger 01/12/23, 08:00 to 01/12/23, 08:21	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	01/12/23, 08:21
Low Trigger 08/12/23, 12:00 to 08/12/23, 18:42	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	08/12/23, 18:42
Low Trigger 11/12/23, 13:00 to 11/12/23, 14:31	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	11/12/23, 14:30
Medium Trigger 12/12/23, 01:00 to 12/12/23, 01:20	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	12/12/23, 01:20
Low Trigger 12/12/23, 03:00 to 12/12/23, 03:25	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	12/12/23, 03:25
Low Trigger 12/12/23, 06:00 to 12/12/23, 08:02	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	12/12/23, 08:02

DT2 Eastern Grounds

Trigger Time	Response	Action Taken	Action Recorded
Low Trigger 01/12/23, 03:00 to 01/12/23, 06:42	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	01/12/23, 06:42
Low Trigger 01/12/23, 08:00 to 01/12/23, 08:21	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	01/12/23, 08:20
Medium Trigger 01/12/23, 16:00 to 01/12/23, 16:34	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	01/12/23, 13:14
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	01/12/23, 14:16
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	01/12/23, 15:20
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	01/12/23, 16:34
Low Trigger 04/12/23, 12:00 to 04/12/23, 16:22	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	04/12/23, 16:21
Low Trigger 04/12/23, 16:00 to 04/12/23, 16:21	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	04/12/23, 16:21
Low Trigger 05/12/23, 12:00 to 05/12/23, 16:48	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	05/12/23, 16:48
Low Trigger 06/12/23, 14:00 to 06/12/23, 14:28	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	06/12/23, 14:28
Medium Trigger 06/12/23, 19:00 to 07/12/23, 15:21	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	07/12/23, 15:20
	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	07/12/23, 15:20
	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	07/12/23, 15:20
Low Trigger 07/12/23, 22:00 to 07/12/23, 22:16	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	07/12/23, 22:16
Low Trigger 08/12/23, 02:00 to 08/12/23, 02:26	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	08/12/23, 02:25
Medium Trigger 08/12/23, 10:00 to 08/12/23, 18:42	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	08/12/23, 18:42
	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	08/12/23, 18:42
	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 - no sources identified	08/12/23, 18:42
Low Trigger 08/12/23, 12:00 to 08/12/23, 18:43	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	08/12/23, 18:43
Low Trigger 08/12/23, 14:00 to 08/12/23, 18:43	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	08/12/23, 18:43
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	08/12/23, 18:43
Low Trigger 08/12/23, 19:00 to 08/12/23, 19:19	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	08/12/23, 19:18
Low Trigger 11/12/23, 17:00 to 11/12/23, 18:01	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	11/12/23, 18:01
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	12/12/23, 00:39
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	12/12/23, 01:20

Low Trigger 12/12/23, 00:00 to 12/12/23, 01:20	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	12/12/23, 00:39
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	12/12/23, 01:20
Low Trigger 15/12/23, 08:00 to 15/12/23, 08:55	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	15/12/23, 08:55
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	18/12/23, 16:15
Low Trigger 18/12/23, 16:00 to 18/12/23, 16:15	Other	No action required - conditions already addressed	18/12/23, 16:15
Medium Trigger 22/12/23, 23:00 to 22/12/23, 23:33	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	22/12/23, 23:33

DT3 Block 9

Trigger Time	Response	Action Taken	Action Recorded
Low Trigger 04/12/23, 16:00 to 04/12/23, 16:22	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	04/12/23, 16:22
Low Trigger 18/12/23, 16:00 to 18/12/23, 16:16	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	18/12/23, 16:15
	Other	No action required - conditions already addressed	18/12/23, 16:15
Low Trigger 21/12/23, 16:00 to 21/12/23, 20:19	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	21/12/23, 20:19
Medium Trigger 24/12/23, 17:00 to 24/12/23, 21:42	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	24/12/23, 21:42
	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	24/12/23, 21:42
	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 - no sources identified	24/12/23, 21:42
Low Trigger 28/12/23, 14:00 to 28/12/23, 17:09	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	28/12/23, 17:09

DT5 Northern Grounds

Trigger Time	Response	Action Taken	Action Recorded
Low Trigger 01/12/23, 08:00 to 01/12/23, 09:22	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	01/12/23, 08:20
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	01/12/23, 09:22
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	01/12/23, 08:20
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	01/12/23, 09:22
High Trigger 03/12/23, 21:00 to 03/12/23, 22:52	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	03/12/23, 21:31
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	03/12/23, 22:52
High Trigger 05/12/23, 00:00 to 05/12/23, 01:18	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	05/12/23, 00:42
	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	05/12/23, 00:42
	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 - no sources identified	05/12/23, 00:42
	Reduce the relevant dust producing activities or reschedule to more suitable meteorological conditions	Other (provide comments)	05/12/23, 00:42
	If dust mitigation equipment is unavailable or at fault, investigate temporary alternative management practices	Other (provide comments)	05/12/23, 00:42
	Mobilise water cart or apply additional water sprays	Other (provide comments)	05/12/23, 00:42
	Other	No action required - regional dust event	05/12/23, 00:42
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	05/12/23, 01:17
	Other	No action required - conditions already addressed	05/12/23, 01:17
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	06/12/23, 07:29
Medium Trigger 06/12/23, 08:00 to 06/12/23, 08:35	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	06/12/23, 08:35
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	06/12/23, 08:35
	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	06/12/23, 08:35
Low Trigger 06/12/23, 19:00 to 07/12/23, 15:21	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	07/12/23, 15:21
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	07/12/23, 15:20
Medium Trigger 07/12/23, 04:00 to 07/12/23, 15:20	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	07/12/23, 15:20
	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	07/12/23, 15:20
	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	07/12/23, 15:20
Low Trigger 07/12/23, 10:00 to 07/12/23, 15:20	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	07/12/23, 15:20
Medium Trigger 07/12/23, 12:00 to 07/12/23, 15:20	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	07/12/23, 15:20
Low Trigger 07/12/23, 21:00 to 07/12/23, 21:25	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	07/12/23, 21:25
High Trigger 08/12/23, 01:00 to 08/12/23, 01:30	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	08/12/23, 01:29
Medium Trigger 08/12/23, 11:00 to 08/12/23, 18:42	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	08/12/23, 18:42

Low Trigger 09/12/23, 01:00 to 09/12/23, 05:55	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	09/12/23, 05:54
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/12/23, 12:29
	Other	No action required - conditions already addressed	10/12/23, 12:29
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/12/23, 15:25
	Other	No action required - conditions already addressed	10/12/23, 15:25
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/12/23, 12:29
	Other	No action required - conditions already addressed	10/12/23, 12:29
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	10/12/23, 15:25
Low Trigger 10/12/23, 12:00 to 10/12/23, 15:25	Other	No action required - conditions already addressed	10/12/23, 15:25
Low Trigger 11/12/23, 12:00 to 11/12/23, 14:30	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	11/12/23, 14:30
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	11/12/23, 18:00
Medium Trigger 11/12/23, 17:00 to 11/12/23, 18:01	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	11/12/23, 18:00
	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	11/12/23, 18:00
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	11/12/23, 23:25
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	12/12/23, 00:39
Low Trigger 11/12/23, 23:00 to 12/12/23, 01:20	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	12/12/23, 01:20
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	13/12/23, 03:16
Low Trigger 12/12/23, 23:00 to 13/12/23, 03:16	Other	No action required - conditions already addressed	13/12/23, 03:16
Medium Trigger 15/12/23, 05:00 to 15/12/23, 06:25	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	15/12/23, 06:25
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	17/12/23, 05:52
	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	17/12/23, 05:52
	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	17/12/23, 05:52
	Reduce the relevant dust producing activities or reschedule to more suitable meteorological conditions	No current activities	17/12/23, 05:52
	If dust mitigation equipment is unavailable or at fault, investigate temporary alternative management practices	Investigated temporary mitigation options	17/12/23, 05:52
High Trigger 17/12/23, 01:00 to 17/12/23, 05:53	Mobilise water cart or apply additional water sprays	Mobilised water cart	17/12/23, 05:52
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	17/12/23, 22:11
	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	17/12/23, 22:11
Medium Trigger 17/12/23, 21:00 to 17/12/23, 22:11	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	17/12/23, 22:11
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	18/12/23, 07:41
	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	18/12/23, 07:41
	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	18/12/23, 07:41

Medium Trigger 18/12/23, 07:00 to 18/12/23, 07:42	Other	No action required - conditions already addressed	18/12/23, 07:41
Low Trigger 18/12/23, 14:00 to 18/12/23, 16:16	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	18/12/23, 16:16
	Other	No action required - conditions already addressed	18/12/23, 16:16
Medium Trigger 19/12/23, 10:00 to 19/12/23, 18:55	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	19/12/23, 18:55
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	19/12/23, 18:55
Medium Trigger 20/12/23, 09:00 to 20/12/23, 11:00	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	20/12/23, 11:00
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	20/12/23, 11:00
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	20/12/23, 14:19
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	20/12/23, 17:24
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	20/12/23, 14:19
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	20/12/23, 17:24
Medium Trigger 20/12/23, 12:00 to 20/12/23, 17:24	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	20/12/23, 14:19
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	20/12/23, 17:24
Low Trigger 20/12/23, 17:00 to 20/12/23, 17:25	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	20/12/23, 17:24
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	21/12/23, 12:44
Medium Trigger 21/12/23, 08:00 to 21/12/23, 12:44	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	21/12/23, 12:44
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	21/12/23, 12:44
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	21/12/23, 12:44
Low Trigger 21/12/23, 12:00 to 21/12/23, 20:20	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	21/12/23, 14:09
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	21/12/23, 20:19
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	22/12/23, 23:33
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	23/12/23, 06:49
Low Trigger 22/12/23, 23:00 to 23/12/23, 06:49	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	22/12/23, 23:33
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	23/12/23, 06:49
Medium Trigger 23/12/23, 23:00 to 24/12/23, 07:27	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	24/12/23, 07:27
Low Trigger 24/12/23, 15:00 to 24/12/23, 21:42	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	24/12/23, 21:42
Low Trigger 24/12/23, 17:00 to 24/12/23, 21:42	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	24/12/23, 21:42

Medium Trigger 28/12/23, 07:00 to 28/12/23, 10:12	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	28/12/23, 10:12
Low Trigger 28/12/23, 10:00 to 28/12/23, 10:13	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	28/12/23, 10:12
Low Trigger 28/12/23, 16:00 to 28/12/23, 17:09	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	28/12/23, 17:09
Medium Trigger 29/12/23, 00:00 to 29/12/23, 01:21	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	29/12/23, 00:22
	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	29/12/23, 00:22
	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	29/12/23, 00:22
	Other	No action required - conditions already addressed	29/12/23, 00:22
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	29/12/23, 01:20
	Other	No action required - conditions already addressed	29/12/23, 01:20
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	29/12/23, 03:37
	Other	No action required - conditions already addressed	29/12/23, 03:37
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	29/12/23, 04:23
	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	29/12/23, 04:23
	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	29/12/23, 04:23
	Other	No action required - conditions already addressed	29/12/23, 04:23
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	29/12/23, 05:59
	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	29/12/23, 05:59
	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	29/12/23, 05:59
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	29/12/23, 06:00
	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	29/12/23, 06:00
	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	29/12/23, 06:00
	Other	No action required - conditions already addressed	29/12/23, 06:00
	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	29/12/23, 03:37
Other	No action required - conditions already addressed	29/12/23, 03:37	
Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	29/12/23, 04:23	
Ensure all routine dust management practices have been implemented	Checked controls are in place and working	29/12/23, 04:23	
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	29/12/23, 04:23	
Other	No action required - conditions already addressed	29/12/23, 04:23	
Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	29/12/23, 05:59	
Ensure all routine dust management practices have been implemented	Checked controls are in place and working	29/12/23, 05:59	
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	29/12/23, 05:59	
Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	29/12/23, 06:00	
Ensure all routine dust management practices have been implemented	Checked controls are in place and working	29/12/23, 06:00	

Medium Trigger 29/12/23, 04:00 to 29/12/23, 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	29/12/23, 06:00
	Other	No action required - conditions already addressed	29/12/23, 06:00
Low Trigger 29/12/23, 08:00 to 01/01/24, 07:05	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	01/01/24, 07:05
Medium Trigger 31/12/23, 07:00 to 01/01/24, 07:05	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	01/01/24, 07:05
	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	01/01/24, 07:05
Medium Trigger 31/12/23, 20:00 to 01/01/24, 07:05	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	01/01/24, 07:05
	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	01/01/24, 07:05
Medium Trigger 31/12/23, 22:00 to 01/01/24, 07:05	Alert relevant operators that dust levels are elevated therefore heightened awareness to sources of dust is required	Operators alerted	01/01/24, 07:05
	Ensure all routine dust management practices have been implemented	Checked controls are in place and working	01/01/24, 07:05

Meteorology - Observations

No triggers during this period

Meteorology - Forecast

No triggers during this period

Visual Observations

No triggers during this period