Pollution Monitoring Data - Holcim Dubbo Quarry (EPL Number 2212)

Facility Address	Dubbo Quarry, Sheraton Road, Dubbo, NSW, 2830
Licence Details	Link to EPL on Public Register
Date Dataset Updated	Thursday, April 24, 2025
Date Dataset Published	Thursday, April 24, 2025
Licence Reporting Period	May to April (Annually)

Blast Monitoring Results - 2025

Location	Frequency	Source	Upper Limit	Unit	Description	HD-177	HD-178				
						20 Jan 2025	**11 Mar 2025**				
West of Front Gate	Per Blast	EPL Section L3	115	dB (Lin Peak)	Over Pressure	**103.9**	**104.4**				
						Within Criteria	**Within Criteria**				
			5	mm/s	Ground Vibration	**2.374**	**3.25**				
						Within Criteria	**Within Criteria**				

Location	Frequency	Source	Upper Limit	Unit	Description						
West of Front Gate	Per Blast	EPL Section L3	115	dB (Lin Peak)	Over Pressure						
			5	mm/s	Ground Vibration						

Comments regarding blast monitoring outcomes	
Comment 1:	DNT = "Did Not Trigger" with overpressure monitoring equipment set at a trigger point of 90 dBa or ground vibration monitoring equipment set at a trigger point of 0.1 mm/s
Comment 2:	Blast monitor recorded exceedence of ground vibration, Contractor analyzing data has found some reasoning behind result outside of vibration, such as monitor location and ground conditions at monitor location.

Annual Blast Monitoring Results - 2025

Annual Overpressure Monitoring Requirements - Maximum Overpressure

Overpressure High Range Requirement:	Source	Criteria	Outcome
The airblast overpressure level from blasting operations in or on the premises must not exceed120 dB (Lin Peak) at any time.	EPL Clause L3.1	Blast Count (YTD)	2
		Blasts with overpressure >120dB during the reporting period	0
		Annual Overpressure (Pass / Fail)	**Within Criteria**

Annual Overpressure Monitoring Requirements - Overpressure High Range

Overpressure High Range Requirement:	Source	Criteria	Outcome
The airblast overpressure level from blasting operations in or on the premises must not exceed 115 dB (Lin Peak) for more than 5% of the total number of blasts during each reporting period.	EPL Clause L3.1	Blast Count (YTD)	2
		Blasts with overpressure >115dB during the reporting period	0
		% of blasts with overpressure >115dB during the reporting period	0%
		Annual Overpressure (Pass / Fail)	**Within Criteria**

Annual Ground Vibration Monitoring Requirements - Maximum Ground Vibration

Overpressure High Range Requirement:	Source	Criteria	Outcome
The ground vibration peak particle velocity from blasting operations carried out in or on the premises must not exceed 10 mm/s at any time.	EPL Clause L3.2	Blast Count (YTD)	2
		Blasts with ground vibration >10 mm/s during the reporting period	0
		Annual Ground Vibration (Pass / Fail)	**Within Criteria**

Annual Ground Vibration Monitoring Requirements - Ground Vibration High Range

Overpressure High Range Requirement:	Source	Criteria	Outcome
The ground vibration peak particle velocity from blasting operations carried out in or on the premises must not exceed 5mm/s for more than 5% of the total number of blasts carried out on the premises during each reporting period.	EPL Clause L3.2	Blast Count (YTD)	2
		Blasts with ground vibration >5mm/s during the reporting period	0
		% of blasts with ground vibration >5mm/s during the reporting period	0%
		Annual Ground Vibration (Pass / Fail)	**Within Criteria**

Blast Monitoring Results - 2024

Location	Frequency	Source	Upper Limit	Unit	Description						
West of Front Gate	Per Blast	EPL Section L3	115	dB (Lin Peak)	Over Pressure						
			5	mm/s	Ground Vibration						

Location	Frequency	Source	Upper Limit	Unit	Description						
West of Front Gate	Per Blast	EPL Section L3	115	dB (Lin Peak)	Over Pressure						
			5	mm/s	Ground Vibration						

			5	mm/s	Ground Vibration						

Comments regarding blast monitoring outcomes	
Comment 1:	DNT = "Did Not Trigger" with overpressure monitoring equipment set at a trigger point of 90 dBa or ground vibration monitoring equipment set at a trigger point of 0.1 mm/s
Comment 2:	Blast monitor recorded exceedence of ground vibration, Contractor analyzing data has found some reasoning behind result outside of vibration, such as monitor location and ground conditions at monitor location.

Annual Blast Monitoring Results - 2024

Annual Overpressure Monitoring Requirements - Maximum Overpressure

Overpressure High Range Requirement:	Source	Criteria	Outcome
The airblast overpressure level from blasting operations in or on the premises must not exceed120 dB (Lin Peak) at any time.	EPL Clause L3.1	Blast Count (YTD)	0
		Blasts with overpressure >120dB during the reporting period	0
		Annual Overpressure (Pass / Fail)	**Within Criteria**

Annual Overpressure Monitoring Requirements - Overpressure High Range

Overpressure High Range Requirement:	Source	Criteria	Outcome
The airblast overpressure level from blasting operations in or on the premises must not exceed 115 dB (Lin Peak) for more than 5% of the total number of blasts during each reporting period.	EPL Clause L3.1	Blast Count (YTD)	0
		Blasts with overpressure >115dB during the reporting period	0
		% of blasts with overpressure >115dB during the reporting period	#DIV/0!
		Annual Overpressure (Pass / Fail)	#DIV/0!

Annual Ground Vibration Monitoring Requirements - Maximum Ground Vibration

Overpressure High Range Requirement:	Source	Criteria	Outcome
The ground vibration peak particle velocity from blasting operations carried out in or on the premises must not exceed 10 mm/s at any time.	EPL Clause L3.2	Blast Count (YTD)	0
		Blasts with ground vibration >10 mm/s during the reporting period	0
		Annual Ground Vibration (Pass / Fail)	**Within Criteria**

Annual Ground Vibration Monitoring Requirements - Ground Vibration High Range

Overpressure High Range Requirement:	Source	Criteria	Outcome
The ground vibration peak particle velocity from blasting operations carried out in or on the premises must not exceed 5mm/s for more than 5% of the total number of blasts carried out on the premises during each reporting period.	EPL Clause L3.2	Blast Count (YTD)	1
		Blasts with ground vibration >5mm/s during the reporting period	0
		% of blasts with ground vibration >5mm/s during the reporting period	0%
		Annual Ground Vibration (Pass / Fail)	**Within Criteria**

Blast Monitoring Results - 2023

Location	Frequency	Source	Upper Limit	Unit	Description	161	162	163	164	165	166
						31/01/2023	31/03/2023	20/04/2023	20/04/2023	29/05/2023	19/07/2023
West of Front Gate	Per Blast	EPL Section L3	115	dB (Lin Peak)	Over Pressure	97.4	111.4	103.3	105.6	109.1	102.3
						Within Criteria	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**
			5	mm/s	Ground Vibration	0.83	1.64	1.77	1.35	0.94	1.23
						Within Criteria	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**	**Within Criteria**

Location	Frequency	Source	Upper Limit	Unit	Description	167	168	169	170
						01/09/2023	Did Not Perform	07/11/2023	08/12/2023
West of Front Gate	Per Blast	EPL Section L3	115	dB (Lin Peak)	Over Pressure	104.5	0	107.5	105.4
						Within Criteria	**Within Criteria**	**Within Criteria**	**Within Criteria**
			5	mm/s	Ground Vibration	1.17	0	2.22	2.058
						Within Criteria	**Within Criteria**	**Within Criteria**	**Within Criteria**

Comments regarding blast monitoring outcomes	
Comment 1:	DNT = "Did Not Trigger" with overpressure monitoring equipment set at a trigger point of 90 dBa or ground vibration monitoring equipment set at a trigger point of 0.1 mm/s
Comment 2:	Did Not Perform = Monitoring equipment was set up for the blast but failed and did not record over pressure or ground vibration values.

Annual Blast Monitoring Results - 2023

Annual Overpressure Monitoring Requirements - Maximum Overpressure

Overpressure High Range Requirement:	Source	Criteria	Outcome
The airblast overpressure level from blasting operations in or on the premises must not exceed120 dB (Lin Peak) at any time.	EPL Clause L3.1	Blast Count (YTD)	10
		Blasts with overpressure >120dB during the reporting period	0
		Annual Overpressure (Pass / Fail)	**Within Criteria**

Annual Overpressure Monitoring Requirements - Overpressure High Range

Overpressure High Range Requirement:	Source	Criteria	Outcome
The airblast overpressure level from blasting operations in or on the premises must not exceed 115 dB (Lin Peak) for more than 5% of the total number of blasts during each reporting period.	EPL Clause L3.1	Blast Count (YTD)	10
		Blasts with overpressure >115dB during the reporting period	0
		% of blasts with overpressure >115dB during the reporting period	0%
		Annual Overpressure (Pass / Fail)	**Within Criteria**

Annual Ground Vibration Monitoring Requirements - Maximum Ground Vibration

Overpressure High Range Requirement:	Source	Criteria	Outcome
The ground vibration peak particle velocity from blasting operations carried out in or on the premises must not exceed 10 mm/s at any time.	EPL Clause L3.2	Blast Count (YTD)	10
		Blasts with ground vibration >10 mm/s during the reporting period	0
		Annual Ground Vibration (Pass / Fail)	**Within Criteria**

Annual Ground Vibration Monitoring Requirements - Ground Vibration High Range

Overpressure High Range Requirement:	Source	Criteria	Outcome
The ground vibration peak particle velocity from blasting operations carried out in or on the premises must not exceed 5mm/s for more than 5% of the total number of blasts carried out on the premises during each reporting period.	EPL Clause L3.2	Blast Count (YTD)	10
		Blasts with ground vibration >5mm/s during the reporting period	0
		% of blasts with ground vibration >5mm/s during the reporting period	0%
		Annual Ground Vibration (Pass / Fail)	**Within Criteria**

Blast Monitoring Results - 2022

Blast Monitoring - 2022

Location	Frequency	Source	Upper Limit	Unit	Description	153	154	155	156	157	158
						02/10/2022	04/05/2022	05/03/2022			
West of Front Gate	Per Blast	EPL Section L3	115	dB (Lin Peak)	Over Pressure	100.2	111.6	104.8			
						Within Criteria	**Within Criteria**	**Within Criteria**			
			5	mm/s	Ground Vibration	1.92	1.45	3.26			
						Within Criteria	**Within Criteria**	**Within Criteria**			

Location	Frequency	Source	Upper Limit	Unit	Description	159	160
West of Front Gate	Per Blast	EPL Section L3	115	dB (Lin Peak)	Over Pressure		
			5	mm/s	Ground Vibration		

Annual Blast Monitoring Results

Annual Overpressure Monitoring Requirements - Maximum Overpressure

Overpressure High Range Requirement:	Source	Criteria	Outcome
The airblast overpressure level from blasting operations in or on the premises must not exceed120 dB (Lin Peak) at any time.	EPL Clause L3.1	Blast Count (YTD)	3
		Blasts with overpressure >120dB during the reporting period	0
		Annual Overpressure (Pass / Fail)	**Within Criteria**

Annual Overpressure Monitoring Requirements - Overpressure High Range

Overpressure High Range Requirement:	Source	Criteria	Outcome
The airblast overpressure level from blasting operations in or on the premises must not exceed 115 dB (Lin Peak) for more than 5% of the total number of blasts during each reporting period.	EPL Clause L3.1	Blast Count (YTD)	3
		Blasts with overpressure >115dB during the reporting period	0
		% of blasts with overpressure >115dB during the reporting period	0%
		Annual Overpressure (Pass / Fail)	**Within Criteria**

Annual Ground Vibration Monitoring Requirements - Maximum Ground Vibration

Overpressure High Range Requirement:	Source	Criteria	Outcome
The ground vibration peak particle velocity from blasting operations carried out in or on the premises must not exceed 10 mm/s at any time.	EPL Clause L3.2	Blast Count (YTD)	3
		Blasts with ground vibration >10 mm/s during the reporting period	0
		Annual Ground Vibration (Pass / Fail)	**Within Criteria**

Annual Ground Vibration Monitoring Requirements - Ground Vibration High Range

Overpressure High Range Requirement:	Source	Criteria	Outcome
The ground vibration peak particle velocity from blasting operations carried out in or on the premises must not exceed 5mm/s for more than 5% of the total number of blasts carried out on the premises during each reporting period.	EPL Clause L3.2	Blast Count (YTD)	3
		Blasts with ground vibration >5mm/s during the reporting period	0
		% of blasts with ground vibration >5mm/s during the reporting period	0%
		Annual Ground Vibration (Pass / Fail)	**Within Criteria**

NE Air Quality Monitoring - Annual Sampler Results (PM2.5)

Location	**Site Office (04042023-2266)**
Frequency	**Annual Reporting**
Source	**DC**
Lower Limit	-
Upper Limit	25
Unit	µg/m3
Date	
Result	
Pass/Fail	

NE Air Quality Monitoring - PM10

Location	North Eastern Location
Frequency	24 HOURS (Every day)
Source	DC
Lower Limit	-
Upper Limit	50
Unit	µg/m3

Sample Date	1-Jan-2025	2-Jan-2025	3-Jan-2025	4-Jan-2025	5-Jan-2025	6-Jan-2025	7-Jan-2025	8-Jan-2025	9-Jan-2025	10-Jan-2025	11-Jan-2025
Result	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Pass / Fail	Fail	Fail	Fail	Fail	Fail	Fail	Fail	Fail	Fail	Fail	Fail

Sample Date	12-Jan-2025	13-Jan-2025	14-Jan-2025	15-Jan-2025	16-Jan-2025	17-Jan-2025	18-Jan-2025	19-Jan-2025	20-Jan-2025	21-Jan-2025	22-Jan-2025
Result	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Pass / Fail	Fail	Fail	Fail	Fail	Fail	Fail	Fail	Fail	Fail	Fail	Fail

Sample Date	23-Jan-2025	24-Jan-2025	25-Jan-2025	26-Jan-2025	27-Jan-2025	28-Jan-2025	29-Jan-2025	30-Jan-2025	31-Jan-2025		
Result	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
Pass / Fail	Fail	Fail	Fail	Fail	Fail	Fail	Fail	Fail	Fail		

Sample Date	1-Feb-2025	2-Feb-2025	3-Feb-2025	4-Feb-2025	5-Feb-2025	6-Feb-2025	7-Feb-2025	8-Feb-2025	9-Feb-2025	10-Feb-2025	11-Feb-2025
Result	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Pass / Fail	Fail	Fail	Fail	Fail	Fail	Fail	Fail	Fail	Fail	Fail	Fail

Sample Date	12-Feb-2025	13-Feb-2025	14-Feb-2025	15-Feb-2025	16-Feb-2025	17-Feb-2025	18-Feb-2025	19-Feb-2025	20-Feb-2025	21-Feb-2025	22-Feb-2025
Result	N/A	N/A	N/A	N/A	N/A	N/A	8.56	17.8	13.09	7.65	7.38
Pass / Fail	Fail	Fail	Fail	Fail	Fail	Fail	Pass	Pass	Pass	Pass	Pass

Sample Date	25-Feb-2025	26-Feb-2025	27-Feb-2025	28-Feb-2025							
Result	14.28	11.05	13.61	11.24							
Pass / Fail	Pass	Pass	Pass	Pass							

Sample Date	1-Mar-2025	2-Mar-2025	3-Mar-2025	4-Mar-2025	5-Mar-2025	6-Mar-2025	7-Mar-2025	8-Mar-2025	9-Mar-2025	10-Mar-2025	11-Mar-2025
Result	11.01	11.66	11.44	8.43	12.33	9.25	5.68	5.31	6.86	6.38	2.94
Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass

Sample Date	12-Mar-2025	13-Mar-2025	14-Mar-2025	15-Mar-2025	16-Mar-2025	17-Mar-2025	18-Mar-2025	19-Mar-2025	20-Mar-2025	21-Mar-2025	22-Mar-2025
Result	5.87	13.69	14.44	7.09	7.09	33.2	11.37	10.55	14.8	19.2	3.29
Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass

Sample Date	23-Mar-2025	24-Mar-2025	25-Mar-2025	26-Mar-2025	27-Mar-2025	28-Mar-2025	29-Mar-2025	30-Mar-2025	31-Mar-2025		
Result	7.14	7.88	6.25	4.53	5.6	4.68	1.49	1.81	4.4		
Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass		

Sample Date	1-Apr-2025	2-Apr-2025	3-Apr-2025	4-Apr-2025	5-Apr-2025	6-Apr-2025	7-Apr-2025	8-Apr-2025	9-Apr-2025	10-Apr-2025	11-Apr-2025
Result	2.77	7.1	13.35								
Pass / Fail	Pass	Pass	Pass								

Sample Date	12-Apr-2025	13-Apr-2025	14-Apr-2025	15-Apr-2025	16-Apr-2025	17-Apr-2025	18-Apr-2025	19-Apr-2025	20-Apr-2025	21-Apr-2025	22-Apr-2025
Result											
Pass / Fail											

Sample Date	23-Apr-2025	24-Apr-2025	25-Apr-2025	26-Apr-2025	27-Apr-2025	28-Apr-2025	29-Apr-2025	30-Apr-2025			
Result											
Pass / Fail											

Sample Date	1-May-2025	2-May-2025	3-May-2025	4-May-2025	5-May-2025	6-May-2025	7-May-2025	8-May-2025	9-May-2025	10-May-2025	11-May-2025
Result											
Pass / Fail											

Sample Date	12-May-2025	13-May-2025	14-May-2025	15-May-2025	16-May-2025	17-May-2025	18-May-2025	19-May-2025	20-May-2025	21-May-2025	22-May-2025
Result											
Pass / Fail											

Sample Date	23-May-2025	24-May-2025	25-May-2025	26-May-2025	27-May-2025	28-May-2025	29-May-2025	30-May-2025	31-May-2025		
Result											
Pass / Fail											

Air Quality Monitoring - Hi Volume Sampler Results (PM2.5)

Location	**North Eastern Location**
Frequency	**Annual Reporting**
Source	**DC**
Lower Limit	-
Upper Limit	25
Unit	µg/m3

January 2025		
Sample Date	**Result**	**Pass / Fail**
1-Jan-2025	N/A	Fail
2-Jan-2025	N/A	Fail
3-Jan-2025	N/A	Fail
4-Jan-2025	N/A	Fail
5-Jan-2025	N/A	Fail
6-Jan-2025	N/A	Fail
7-Jan-2025	N/A	Fail
8-Jan-2025	N/A	Fail
9-Jan-2025	N/A	Fail
10-Jan-2025	N/A	Fail
11-Jan-2025	N/A	Fail
12-Jan-2025	N/A	Fail
13-Jan-2025	N/A	Fail
14-Jan-2025	N/A	Fail
15-Jan-2025	N/A	Fail
16-Jan-2025	N/A	Fail
17-Jan-2025	N/A	Fail
18-Jan-2025	N/A	Fail
19-Jan-2025	N/A	Fail
20-Jan-2025	N/A	Fail
21-Jan-2025	N/A	Fail
22-Jan-2025	N/A	Fail
23-Jan-2025	N/A	Fail
24-Jan-2025	N/A	Fail
25-Jan-2025	N/A	Fail
26-Jan-2025	N/A	Fail
27-Jan-2025	N/A	Fail
28-Jan-2025	N/A	Fail
29-Jan-2025	N/A	Fail
30-Jan-2025	N/A	Fail
31-Jan-2025	N/A	Fail
Mean	#DIV/0!	

February 2025		
Sample Date	**Result**	**Pass / Fail**
1-Feb-2025	N/A	Fail
2-Feb-2025	N/A	Fail
3-Feb-2025	N/A	Fail
4-Feb-2025	N/A	Fail
5-Feb-2025	N/A	Fail
6-Feb-2025	N/A	Fail
7-Feb-2025	N/A	Fail
8-Feb-2025	N/A	Fail
9-Feb-2025	N/A	Fail
10-Feb-2025	N/A	Fail
11-Feb-2025	N/A	Fail
12-Feb-2025	N/A	Fail
13-Feb-2025	N/A	Fail
14-Feb-2025	N/A	Fail
15-Feb-2025	N/A	Fail
16-Feb-2025	N/A	Fail
17-Feb-2025	N/A	Fail
18-Feb-2025	2.9	Fail
19-Feb-2025	4.78	Fail
20-Feb-2025	5.17	Fail
21-Feb-2025	4.18	Fail
22-Feb-2025	4.28	Fail
23-Feb-2025	2.85	Fail
24-Feb-2025	4.62	Fail
25-Feb-2025	8.49	Fail
26-Feb-2025	5.87	Fail
27-Feb-2025	5.63	Fail
28-Feb-2025	3.98	Fail
Mean	4.8	Fail

March 2025		
Sample Date	**Result**	**Pass / Fail**
1-Mar-2025	2.32	Fail
2-Mar-2025	2.78	Fail
3-Mar-2025	5.18	Fail
4-Mar-2025	3.58	Fail
5-Mar-2025	4.49	Fail
6-Mar-2025	3.59	Fail
7-Mar-2025	1.86	Fail
8-Mar-2025	1.55	Fail
9-Mar-2025	2.63	Fail
10-Mar-2025	2.66	Fail
11-Mar-2025	1.26	Fail
12-Mar-2025	3.85	Fail
13-Mar-2025	3.74	Fail
14-Mar-2025	4.21	Fail
15-Mar-2025	2.26	Fail
16-Mar-2025	1.87	Fail
17-Mar-2025	7.82	Fail
18-Mar-2025	5.29	Fail
19-Mar-2025	4.09	Fail
20-Mar-2025	3.83	Fail
21-Mar-2025	3.88	Fail
22-Mar-2025	1.72	Fail
23-Mar-2025	5.13	Fail
24-Mar-2025	6.39	Fail
25-Mar-2025	4.13	Fail
26-Mar-2025	2.11	Fail
27-Mar-2025	2.54	Fail
28-Mar-2025	2.42	Fail
29-Mar-2025	0.6	Fail
30-Mar-2025	0.69	Fail
31-Mar-2025	1.02	Fail
Mean	3.2	Fail

April 2025		
Sample Date	**Result**	**Pass / Fail**
1-Apr-2025	1.06	Fail
2-Apr-2025	3.57	Fail
3-Apr-2025	4.44	Fail
4-Apr-2025		
5-Apr-2025		
6-Apr-2025		
7-Apr-2025		
8-Apr-2025		
9-Apr-2025		
10-Apr-2025		
11-Apr-2025		
12-Apr-2025		
13-Apr-2025		
14-Apr-2025		
15-Apr-2025		
16-Apr-2025		
17-Apr-2025		
18-Apr-2025		
19-Apr-2025		
20-Apr-2025		
21-Apr-2025		
22-Apr-2025		
23-Apr-2025		
24-Apr-2025		
25-Apr-2025		
26-Apr-2025		
27-Apr-2025		
28-Apr-2025		
29-Apr-2025		
30-Apr-2025		
Mean	3.0	Fail

May 2025		
Sample Date	**Result**	**Pass / Fail**
1-May-2025		
2-May-2025		
3-May-2025		
4-May-2025		
5-May-2025		
6-May-2025		
7-May-2025		
8-May-2025		
9-May-2025		
10-May-2025		
11-May-2025		
12-May-2025		
13-May-2025		
14-May-2025		
15-May-2025		
16-May-2025		
17-May-2025		
18-May-2025		
19-May-2025		
20-May-2025		
21-May-2025		
22-May-2025		
23-May-2025		
24-May-2025		
25-May-2025		
26-May-2025		
27-May-2025		
28-May-2025		
29-May-2025		
30-May-2025		
31-May-2025		
Mean		

Air Quality Monitoring - PM10

Location	**Southwest**
Frequency	**Annual Reporting**
Source	**DC**
Lower Limit	-
Upper Limit	25
Unit	µg/m3
Date	
Result	
Pass/Fail	

Air Quality Monitoring - PM10

Location	**Southwest**
Frequency	**24 HOURS (Every day)**
Source	**DC**
Lower Limit	-
Upper Limit	50
Unit	µg/m3

January 2025		
Sample Date	**Result**	**Pass / Fail**
1-Jan-2025	8.16	Pass
2-Jan-2025	14.06	Pass
3-Jan-2025	14.76	Pass
4-Jan-2025	7.13	Pass
5-Jan-2025	5.9	Pass
6-Jan-2025	9.81	Pass
7-Jan-2025	4.9	Pass
8-Jan-2025	2.53	Pass
9-Jan-2025	1.24	Pass
10-Jan-2025	3.17	Pass
11-Jan-2025	3.74	Pass
12-Jan-2025	2.07	Pass
13-Jan-2025	3.12	Pass
14-Jan-2025	9.62	Pass
15-Jan-2025	26.06	Pass
16-Jan-2025	7.61	Pass
17-Jan-2025	11.13	Pass
18-Jan-2025	8.02	Pass
19-Jan-2025	8.01	Pass
20-Jan-2025	24.34	Pass

February 2025		
Sample Date	**Result**	**Pass / Fail**
1-Feb-2025	6.83	Pass
2-Feb-2025	8.51	Pass
3-Feb-2025	35.89	Pass
4-Feb-2025	12.62	Pass
5-Feb-2025	13.42	Pass
6-Feb-2025	33.5	Pass
7-Feb-2025	11.76	Pass
8-Feb-2025	9.96	Pass
9-Feb-2025	4.56	Pass
10-Feb-2025	10.93	Pass
11-Feb-2025	5.35	Pass
12-Feb-2025	16.66	Pass
13-Feb-2025	17.27	Pass
14-Feb-2025	18.38	Pass
15-Feb-2025	8.42	Pass
16-Feb-2025	3.92	Pass
17-Feb-2025	25.42	Pass
18-Feb-2025	15.53	Pass
19-Feb-2025	9.4	Pass
20-Feb-2025	19.06	Pass

March 2025		
Sample Date	**Result**	**Pass / Fail**
1-Mar-2025	8.18	Pass
2-Mar-2025	8.52	Pass
3-Mar-2025	22.97	Pass
4-Mar-2025	30	Pass
5-Mar-2025	17.04	Pass
6-Mar-2025	16.81	Pass
7-Mar-2025	10.51	Pass
8-Mar-2025	5.77	Pass
9-Mar-2025	5.91	Pass
10-Mar-2025	39.17	Pass
11-Mar-2025	14.59	Pass
12-Mar-2025	12.71	Pass
13-Mar-2025	7.7	Pass
14-Mar-2025	10.29	Pass
15-Mar-2025	8.98	Pass
16-Mar-2025	6.29	Pass
17-Mar-2025	18.08	Pass
18-Mar-2025	41.03	Pass
19-Mar-2025	18.71	Pass
20-Mar-2025	15.44	Pass

April 2025		
Sample Date	Result	Pass / Fail
1-Apr-2025	14.85	Pass
2-Apr-2025	13.69	Pass
3-Apr-2025	9.84	Pass
4-Apr-2025		
5-Apr-2025		
6-Apr-2025		
7-Apr-2025		
8-Apr-2025		
9-Apr-2025		
10-Apr-2025		
11-Apr-2025		
12-Apr-2025		
13-Apr-2025		
14-Apr-2025		
15-Apr-2025		
16-Apr-2025		
17-Apr-2025		
18-Apr-2025		
19-Apr-2025		
20-Apr-2025		

May 2025		
Sample Date	Result	Pass / Fail
1-May-2025		
2-May-2025		
3-May-2025		
4-May-2025		
5-May-2025		
6-May-2025		
7-May-2025		
8-May-2025		
9-May-2025		
10-May-2025		
11-May-2025		
12-May-2025		
13-May-2025		
14-May-2025		
15-May-2025		
16-May-2025		
17-May-2025		
18-May-2025		
19-May-2025		
20-May-2025		

June 2025		
Sample Date	Result	Pass / Fail
1-Jun-2025		
2-Jun-2025		
3-Jun-2025		
4-Jun-2025		
5-Jun-2025		
6-Jun-2025		
7-Jun-2025		
8-Jun-2025		
9-Jun-2025		
10-Jun-2025		
11-Jun-2025		
12-Jun-2025		
13-Jun-2025		
14-Jun-2025		
15-Jun-2025		
16-Jun-2025		
17-Jun-2025		
18-Jun-2025		
19-Jun-2025		
20-Jun-2025		

Sample Date
1-Jul-2025
2-Jul-2025
3-Jul-2025
4-Jul-2025
5-Jul-2025
6-Jul-2025
7-Jul-2025
8-Jul-2025
9-Jul-2025
10-Jul-2025
11-Jul-2025
12-Jul-2025
13-Jul-2025
14-Jul-2025
15-Jul-2025
16-Jul-2025
17-Jul-2025
18-Jul-2025
19-Jul-2025
20-Jul-2025

July 2025	
Result	Pass / Fail

August 2025		
Sample Date	Result	Pass / Fail
1-Aug-2025		
2-Aug-2025		
3-Aug-2025		
4-Aug-2025		
5-Aug-2025		
6-Aug-2025		
7-Aug-2025		
8-Aug-2025		
9-Aug-2025		
10-Aug-2025		
11-Aug-2025		
12-Aug-2025		
13-Aug-2025		
14-Aug-2025		
15-Aug-2025		
16-Aug-2025		
17-Aug-2025		
18-Aug-2025		
19-Aug-2025		
20-Aug-2025		

September 2025		
Sample Date	Result	Pass / Fail
1-Sep-2025		
2-Sep-2025		
3-Sep-2025		
4-Sep-2025		
5-Sep-2025		
6-Sep-2025		
7-Sep-2025		
8-Sep-2025		
9-Sep-2025		
10-Sep-2025		
11-Sep-2025		
12-Sep-2025		
13-Sep-2025		
14-Sep-2025		
15-Sep-2025		
16-Sep-2025		
17-Sep-2025		
18-Sep-2025		
19-Sep-2025		
20-Sep-2025		

October 2025	
Sample Date	Result
1-Oct-2025	
2-Oct-2025	
3-Oct-2025	
4-Oct-2025	
5-Oct-2025	
6-Oct-2025	
7-Oct-2025	
8-Oct-2025	
9-Oct-2025	
10-Oct-2025	
11-Oct-2025	
12-Oct-2025	
13-Oct-2025	
14-Oct-2025	
15-Oct-2025	
16-Oct-2025	
17-Oct-2025	
18-Oct-2025	
19-Oct-2025	
20-Oct-2025	

		November 2025			December 2025		
Pass / Fail		Sample Date	Result	Pass / Fail	Sample Date	Result	Pass / Fail
		1-Nov-2025			1-Dec-2025		
		2-Nov-2025			2-Dec-2025		
		3-Nov-2025			3-Dec-2025		
		4-Nov-2025			4-Dec-2025		
		5-Nov-2025			5-Dec-2025		
		6-Nov-2025			6-Dec-2025		
		7-Nov-2025			7-Dec-2025		
		8-Nov-2025			8-Dec-2025		
		9-Nov-2025			9-Dec-2025		
		10-Nov-2025			10-Dec-2025		
		11-Nov-2025			11-Dec-2025		
		12-Nov-2025			12-Dec-2025		
		13-Nov-2025			13-Dec-2025		
		14-Nov-2025			14-Dec-2025		
		15-Nov-2025			15-Dec-2025		
		16-Nov-2025			16-Dec-2025		
		17-Nov-2025			17-Dec-2025		
		18-Nov-2025			18-Dec-2025		
		19-Nov-2025			19-Dec-2025		
		20-Nov-2025			20-Dec-2025		

21-Jan-2025	19.13	Pass
22-Jan-2025	11.92	Pass
23-Jan-2025	31.95	Pass
24-Jan-2025	13.04	Pass
25-Jan-2025	9.09	Pass
26-Jan-2025	11.96	Pass
27-Jan-2025	9.96	Pass
28-Jan-2025	19.25	Pass
29-Jan-2025	28.1	Pass
30-Jan-2025	25.65	Pass
31-Jan-2025	23.81	Pass
Mean	12.2	Pass

21-Feb-2025	12.7	Pass
22-Feb-2025	6.86	Pass
23-Feb-2025	7.12	Pass
24-Feb-2025	10.9	Pass
25-Feb-2025	31.82	Pass
26-Feb-2025	29.89	Pass
27-Feb-2025	12.59	Pass
28-Feb-2025	11.15	Pass
Mean	14.7	Pass

21-Mar-2025	9.87	Pass
22-Mar-2025	3.24	Pass
23-Mar-2025	6.66	Pass
24-Mar-2025	9.75	Pass
25-Mar-2025	7.96	Pass
26-Mar-2025	8.97	Pass
27-Mar-2025	25.26	Pass
28-Mar-2025	16.57	Pass
29-Mar-2025	1.51	Pass
30-Mar-2025	1.79	Pass
31-Mar-2025	2.03	Pass
Mean	13.3	Pass

Air Quality Monitoring - Annual Sampler Results (PM2.5)

Location	**Southwest**
Frequency	**Annual Reporting**
Source	**DC**
Lower Limit	-
Upper Limit	25
Unit	µg/m3
Date	
Result	
Pass/Fail	

Air Quality Monitoring - Hi Volume Sampler Results (PM2.5)

Location	**Southwest**
Frequency	**Annual Reporting**
Source	**DC**
Lower Limit	-
Upper Limit	25
Unit	µg/m3

January 2025		
Sample Date	**Result**	**Pass / Fail**
1-Jan-2025	3.95	Pass
2-Jan-2025	7.59	Pass
3-Jan-2025	9.35	Pass
4-Jan-2025	3.37	Pass
5-Jan-2025	2.62	Pass
6-Jan-2025	3.27	Pass

February 2025		
Sample Date	**Result**	**Pass / Fail**
1-Feb-2025	3.13	Pass
2-Feb-2025	3.91	Pass
3-Feb-2025	7.98	Pass
4-Feb-2025	3.82	Pass
5-Feb-2025	3.49	Pass
6-Feb-2025	11.81	Pass

March 2025		
Sample Date	**Result**	**Pass / Fail**
1-Mar-2025	2.24	Pass
2-Mar-2025	2.61	Pass
3-Mar-2025	7.16	Pass
4-Mar-2025	7.65	Pass
5-Mar-2025	5.42	Pass
6-Mar-2025	4.77	Pass

21-Apr-2025		
22-Apr-2025		
23-Apr-2025		
24-Apr-2025		
25-Apr-2025		
26-Apr-2025		
27-Apr-2025		
28-Apr-2025		
29-Apr-2025		
30-Apr-2025		
Mean	12.8	Pass

21-May-2025		
22-May-2025		
23-May-2025		
24-May-2025		
25-May-2025		
26-May-2025		
27-May-2025		
28-May-2025		
29-May-2025		
30-May-2025		
31-May-2025		
Mean		

21-Jun-2025		
22-Jun-2025		
23-Jun-2025		
24-Jun-2025		
25-Jun-2025		
26-Jun-2025		
27-Jun-2025		
28-Jun-2025		
29-Jun-2025		
30-Jun-2025		
Mean		

21-Jul-2025
22-Jul-2025
23-Jul-2025
24-Jul-2025
25-Jul-2025
26-Jul-2025
27-Jul-2025
28-Jul-2025
29-Jul-2025
30-Jul-2025
31-Jul-2025
Mean

April 2025		
Sample Date	**Result**	**Pass / Fail**
1-Apr-2025	2.32	Pass
2-Apr-2025	4.09	Pass
3-Apr-2025	3.76	Pass
4-Apr-2025		
5-Apr-2025		
6-Apr-2025		

May 2025		
Sample Date	**Result**	**Pass / Fail**
1-May-2025		
2-May-2025		
3-May-2025		
4-May-2025		
5-May-2025		
6-May-2025		

June 2025		
Sample Date	**Result**	**Pass / Fail**
1-Jun-2025		
2-Jun-2025		
3-Jun-2025		
4-Jun-2025		
5-Jun-2025		
6-Jun-2025		

Sample Date
1-Jul-2025
2-Jul-2025
3-Jul-2025
4-Jul-2025
5-Jul-2025
6-Jul-2025

			21-Aug-2025				21-Sep-2025				21-Oct-2025						
			22-Aug-2025				22-Sep-2025				22-Oct-2025						
			23-Aug-2025				23-Sep-2025				23-Oct-2025						
			24-Aug-2025				24-Sep-2025				24-Oct-2025						
			25-Aug-2025				25-Sep-2025				25-Oct-2025						
			26-Aug-2025				26-Sep-2025				26-Oct-2025						
			27-Aug-2025				27-Sep-2025				27-Oct-2025						
			28-Aug-2025				28-Sep-2025				28-Oct-2025						
			29-Aug-2025				29-Sep-2025				29-Oct-2025						
			30-Aug-2025				30-Sep-2025				30-Oct-2025						
			31-Aug-2025								31-Oct-2025						
			Mean				**Mean**				**Mean**						

July 2025	
Result	**Pass / Fail**

August 2025		
Sample Date	**Result**	**Pass / Fail**
1-Aug-2025		
2-Aug-2025		
3-Aug-2025		
4-Aug-2025		
5-Aug-2025		
6-Aug-2025		

September 2025		
Sample Date	**Result**	**Pass / Fail**
1-Sep-2025		
2-Sep-2025		
3-Sep-2025		
4-Sep-2025		
5-Sep-2025		
6-Sep-2025		

	October 2025
Sample Date	**Result**
1-Oct-2025	
2-Oct-2025	
3-Oct-2025	
4-Oct-2025	
5-Oct-2025	
6-Oct-2025	

		21-Nov-2025				21-Dec-2025		
		22-Nov-2025				22-Dec-2025		
		23-Nov-2025				23-Dec-2025		
		24-Nov-2025				24-Dec-2025		
		25-Nov-2025				25-Dec-2025		
		26-Nov-2025				26-Dec-2025		
		27-Nov-2025				27-Dec-2025		
		28-Nov-2025				28-Dec-2025		
		29-Nov-2025				29-Dec-2025		
		30-Nov-2025				30-Dec-2025		
						31-Dec-2025		
		Mean				**Mean**		

		November 2025				**December 2025**		
Pass / Fail		**Sample Date**	**Result**	**Pass / Fail**		**Sample Date**	**Result**	**Pass / Fail**
		1-Nov-2025				1-Dec-2025		
		2-Nov-2025				2-Dec-2025		
		3-Nov-2025				3-Dec-2025		
		4-Nov-2025				4-Dec-2025		
		5-Nov-2025				5-Dec-2025		
		6-Nov-2025				6-Dec-2025		

7-Jan-2025	2.25	Pass	7-Feb-2025	5.1	Pass	7-Mar-2025	2.75	Pass
8-Jan-2025	1.16	Pass	8-Feb-2025	3.75	Pass	8-Mar-2025	1.69	Pass
9-Jan-2025	0.47	Pass	9-Feb-2025	2.28	Pass	9-Mar-2025	2.47	Pass
10-Jan-2025	1.81	Pass	10-Feb-2025	4.04	Pass	10-Mar-2025	8.8	Pass
11-Jan-2025	1.71	Pass	11-Feb-2025	2.25	Pass	11-Mar-2025	3.08	Pass
12-Jan-2025	0.79	Pass	12-Feb-2025	4.45	Pass	12-Mar-2025	4.97	Pass
13-Jan-2025	1.22	Pass	13-Feb-2025	5.21	Pass	13-Mar-2025	2.91	Pass
14-Jan-2025	2.85	Pass	14-Feb-2025	6.48	Pass	14-Mar-2025	3.02	Pass
15-Jan-2025	7.07	Pass	15-Feb-2025	3.72	Pass	15-Mar-2025	2.45	Pass
16-Jan-2025	2.85	Pass	16-Feb-2025	1.64	Pass	16-Mar-2025	1.69	Pass
17-Jan-2025	4.14	Pass	17-Feb-2025	6.12	Pass	17-Mar-2025	4.71	Pass
18-Jan-2025	3.46	Pass	18-Feb-2025	4.81	Pass	18-Mar-2025	10.51	Pass
19-Jan-2025	3.88	Pass	19-Feb-2025	2.92	Pass	19-Mar-2025	5.49	Pass
20-Jan-2025	7.51	Pass	20-Feb-2025	5.95	Pass	20-Mar-2025	4.38	Pass
21-Jan-2025	5.61	Pass	21-Feb-2025	4.79	Pass	21-Mar-2025	3.47	Pass
22-Jan-2025	3.7	Pass	22-Feb-2025	3.89	Pass	22-Mar-2025	1.71	Pass
23-Jan-2025	9.51	Pass	23-Feb-2025	2.67	Pass	23-Mar-2025	4.72	Pass
24-Jan-2025	5.29	Pass	24-Feb-2025	3.28	Pass	24-Mar-2025	6.32	Pass
25-Jan-2025	3.97	Pass	25-Feb-2025	10.88	Pass	25-Mar-2025	4.14	Pass
26-Jan-2025	4.9	Pass	26-Feb-2025	8.99	Pass	26-Mar-2025	2.85	Pass
27-Jan-2025	4.26	Pass	27-Feb-2025	4.94	Pass	27-Mar-2025	6	Pass
28-Jan-2025	4.94	Pass	28-Feb-2025	3.64	Pass	28-Mar-2025	4.47	Pass
29-Jan-2025	10.53	Pass				29-Mar-2025	0.56	Pass
30-Jan-2025	9.67	Pass				30-Mar-2025	0.63	Pass
31-Jan-2025	7.04	Pass				31-Mar-2025	0.54	Pass
Mean	4.5	Pass	**Mean**	4.9	Pass	**Mean**	4.0	Pass

7-Apr-2025				7-May-2025				7-Jun-2025				7-Jul-2025
8-Apr-2025				8-May-2025				8-Jun-2025				8-Jul-2025
9-Apr-2025				9-May-2025				9-Jun-2025				9-Jul-2025
10-Apr-2025				10-May-2025				10-Jun-2025				10-Jul-2025
11-Apr-2025				11-May-2025				11-Jun-2025				11-Jul-2025
12-Apr-2025				12-May-2025				12-Jun-2025				12-Jul-2025
13-Apr-2025				13-May-2025				13-Jun-2025				13-Jul-2025
14-Apr-2025				14-May-2025				14-Jun-2025				14-Jul-2025
15-Apr-2025				15-May-2025				15-Jun-2025				15-Jul-2025
16-Apr-2025				16-May-2025				16-Jun-2025				16-Jul-2025
17-Apr-2025				17-May-2025				17-Jun-2025				17-Jul-2025
18-Apr-2025				18-May-2025				18-Jun-2025				18-Jul-2025
19-Apr-2025				19-May-2025				19-Jun-2025				19-Jul-2025
20-Apr-2025				20-May-2025				20-Jun-2025				20-Jul-2025
21-Apr-2025				21-May-2025				21-Jun-2025				21-Jul-2025
22-Apr-2025				22-May-2025				22-Jun-2025				22-Jul-2025
23-Apr-2025				23-May-2025				23-Jun-2025				23-Jul-2025
24-Apr-2025				24-May-2025				24-Jun-2025				24-Jul-2025
25-Apr-2025				25-May-2025				25-Jun-2025				25-Jul-2025
26-Apr-2025				26-May-2025				26-Jun-2025				26-Jul-2025
27-Apr-2025				27-May-2025				27-Jun-2025				27-Jul-2025
28-Apr-2025				28-May-2025				28-Jun-2025				28-Jul-2025
29-Apr-2025				29-May-2025				29-Jun-2025				29-Jul-2025
30-Apr-2025				30-May-2025				30-Jun-2025				30-Jul-2025
				31-May-2025								31-Jul-2025
Mean	3.4	Pass		**Mean**				**Mean**				**Mean**

		7-Aug-2025			7-Sep-2025			7-Oct-2025	
		8-Aug-2025			8-Sep-2025			8-Oct-2025	
		9-Aug-2025			9-Sep-2025			9-Oct-2025	
		10-Aug-2025			10-Sep-2025			10-Oct-2025	
		11-Aug-2025			11-Sep-2025			11-Oct-2025	
		12-Aug-2025			12-Sep-2025			12-Oct-2025	
		13-Aug-2025			13-Sep-2025			13-Oct-2025	
		14-Aug-2025			14-Sep-2025			14-Oct-2025	
		15-Aug-2025			15-Sep-2025			15-Oct-2025	
		16-Aug-2025			16-Sep-2025			16-Oct-2025	
		17-Aug-2025			17-Sep-2025			17-Oct-2025	
		18-Aug-2025			18-Sep-2025			18-Oct-2025	
		19-Aug-2025			19-Sep-2025			19-Oct-2025	
		20-Aug-2025			20-Sep-2025			20-Oct-2025	
		21-Aug-2025			21-Sep-2025			21-Oct-2025	
		22-Aug-2025			22-Sep-2025			22-Oct-2025	
		23-Aug-2025			23-Sep-2025			23-Oct-2025	
		24-Aug-2025			24-Sep-2025			24-Oct-2025	
		25-Aug-2025			25-Sep-2025			25-Oct-2025	
		26-Aug-2025			26-Sep-2025			26-Oct-2025	
		27-Aug-2025			27-Sep-2025			27-Oct-2025	
		28-Aug-2025			28-Sep-2025			28-Oct-2025	
		29-Aug-2025			29-Sep-2025			29-Oct-2025	
		30-Aug-2025			30-Sep-2025			30-Oct-2025	
		31-Aug-2025						31-Oct-2025	
		Mean			**Mean**			**Mean**	

		7-Nov-2025				7-Dec-2025		
		8-Nov-2025				8-Dec-2025		
		9-Nov-2025				9-Dec-2025		
		10-Nov-2025				10-Dec-2025		
		11-Nov-2025				11-Dec-2025		
		12-Nov-2025				12-Dec-2025		
		13-Nov-2025				13-Dec-2025		
		14-Nov-2025				14-Dec-2025		
		15-Nov-2025				15-Dec-2025		
		16-Nov-2025				16-Dec-2025		
		17-Nov-2025				17-Dec-2025		
		18-Nov-2025				18-Dec-2025		
		19-Nov-2025				19-Dec-2025		
		20-Nov-2025				20-Dec-2025		
		21-Nov-2025				21-Dec-2025		
		22-Nov-2025				22-Dec-2025		
		23-Nov-2025				23-Dec-2025		
		24-Nov-2025				24-Dec-2025		
		25-Nov-2025				25-Dec-2025		
		26-Nov-2025				26-Dec-2025		
		27-Nov-2025				27-Dec-2025		
		28-Nov-2025				28-Dec-2025		
		29-Nov-2025				29-Dec-2025		
		30-Nov-2025				30-Dec-2025		
						31-Dec-2025		
		Mean				**Mean**		