



# DAILY AIR MONITORING REPORT

## Florence C&D Landfill – Air Monitoring

Date : 2026-04-12

**Table 1 : Weather Summary**

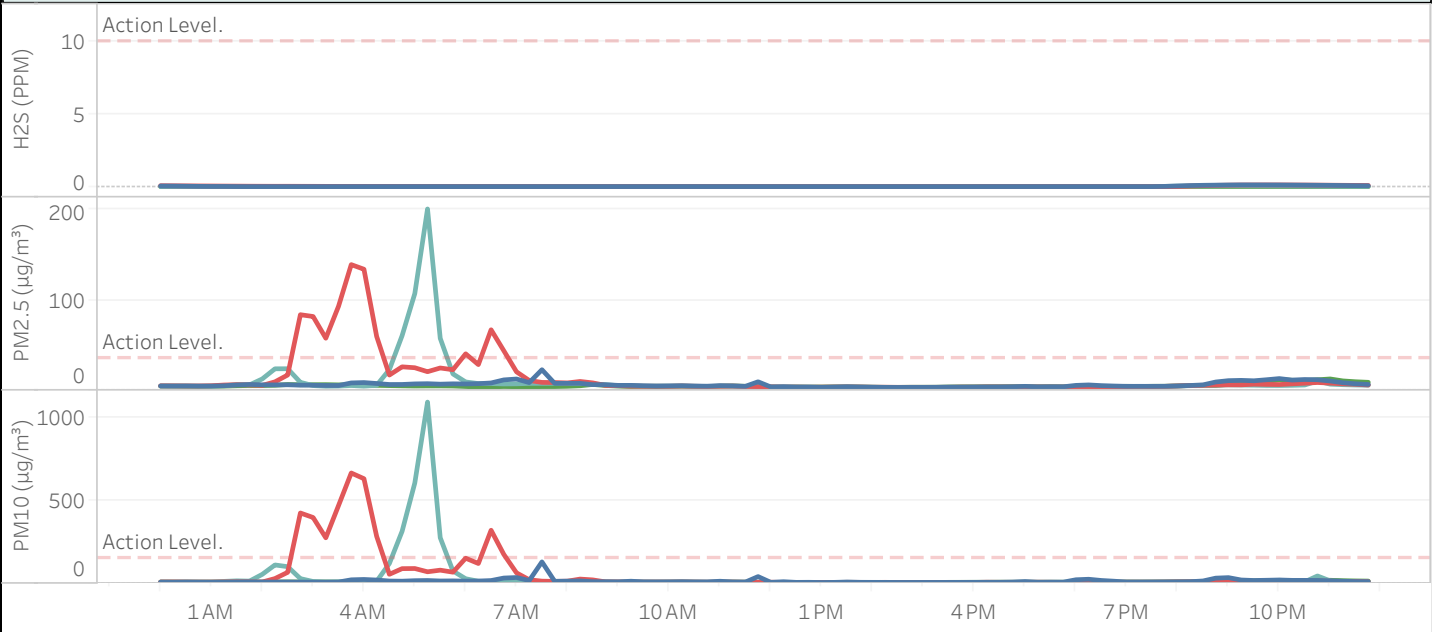
Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.134 to 9.149	2943 ESE	3061 N	2996 ESE	2997 ENE	Min : 50.72 Max : 92.84	Min : 32.10 Max : 88.10	Min : 30.20 Max : 30.44

**Table 2 : Monitoring Summary**

Site Action Level :	PM10 : 150 µg/m <sup>3</sup>	PM2.5 : 35 µg/m <sup>3</sup>	H2S : 10 PPM			
AQ-SN	Avg. PM10 Daily (µg/m <sup>3</sup> )	Max. PM10-15-min Avg (µg/m <sup>3</sup> )	Avg. PM2.5 Daily (µg/m <sup>3</sup> )	Max. PM2.5-15-min Avg (µg/m <sup>3</sup> )	Avg. H2S Daily (PPM)	Max. H2S-15-min Avg (PPM)
2943	15.9	131.8	6.6	23.2	0.017	0.117
2996	56.7	667.6	15.0	139.6	0.020	0.114
2997	39.2	1,095.0	10.4	201.2	0.007	0.059
3061	10.5	21.1	5.5	13.0	0.001	0.008



**Figure 1 : Monitoring Locations**



**Figure 2 : 15 Minutes Average Concentrations**

■ 2943      ■ 2996      ■ 2997      ■ 3061



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Wind Rose Chart 2943

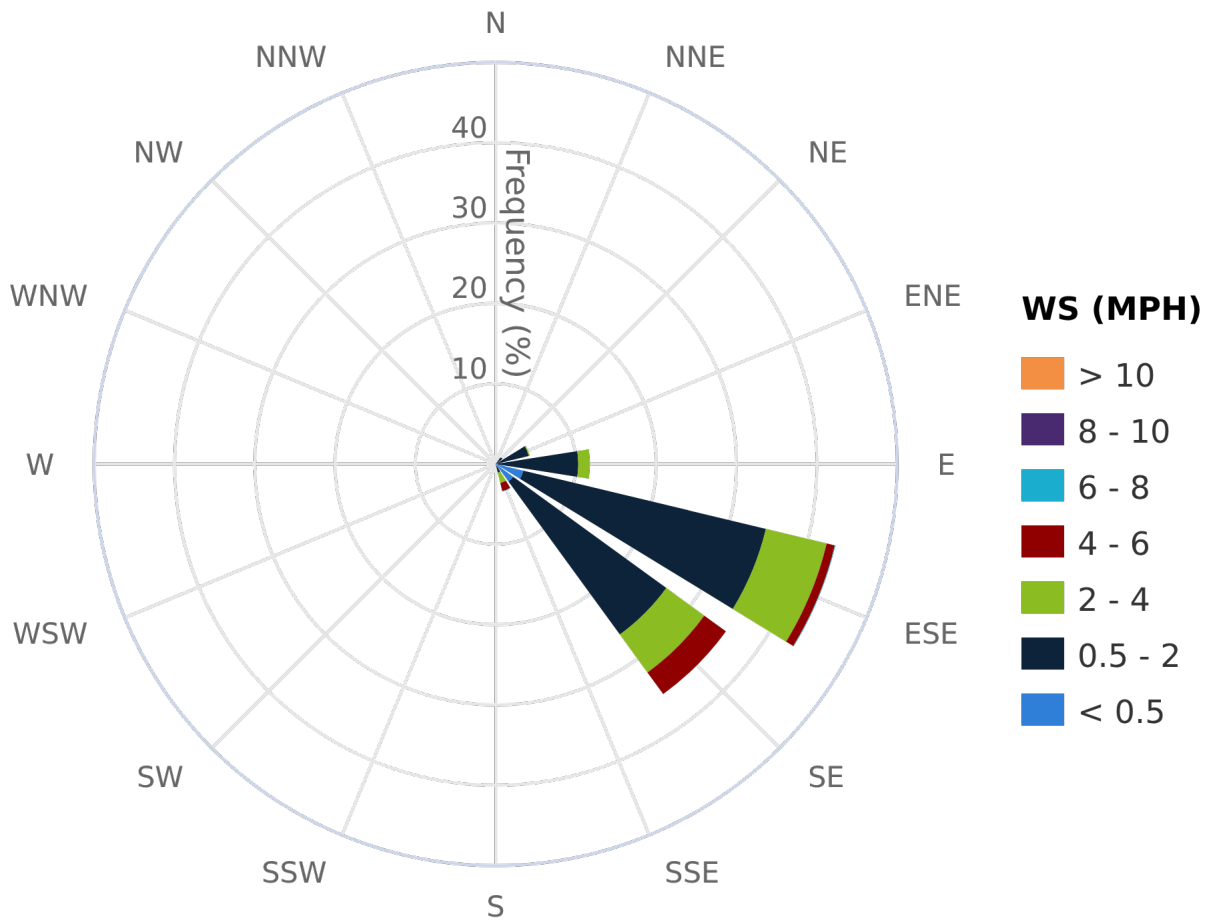


Figure 3 : Wind Rose Chart (WS in MPH)



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Date : 2026-04-12

Wind Rose Chart 3061

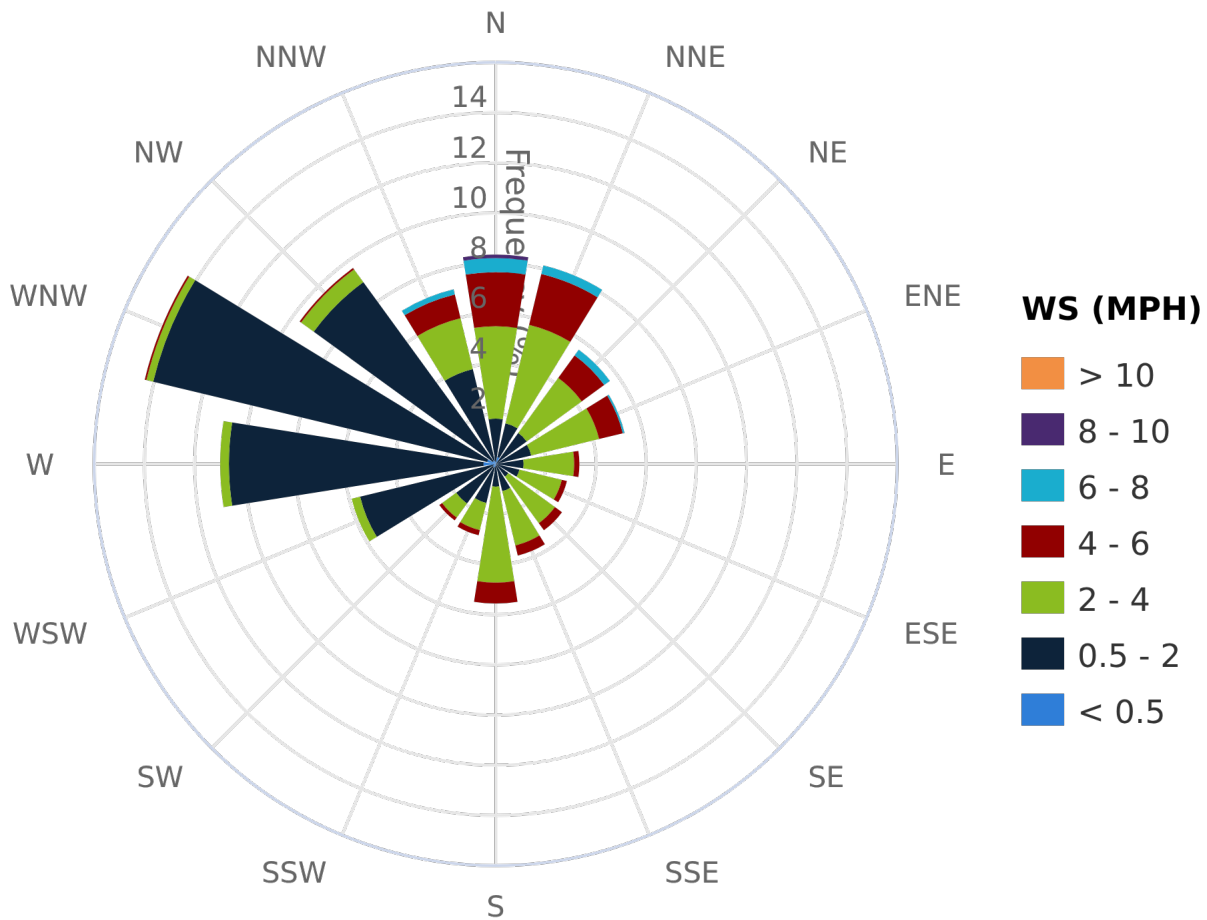


Figure 3 : Wind Rose Chart (WS in MPH)



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Florence C&D Landfill – Air Monitoring

Date : 2026-04-12

Wind Rose Chart 2996

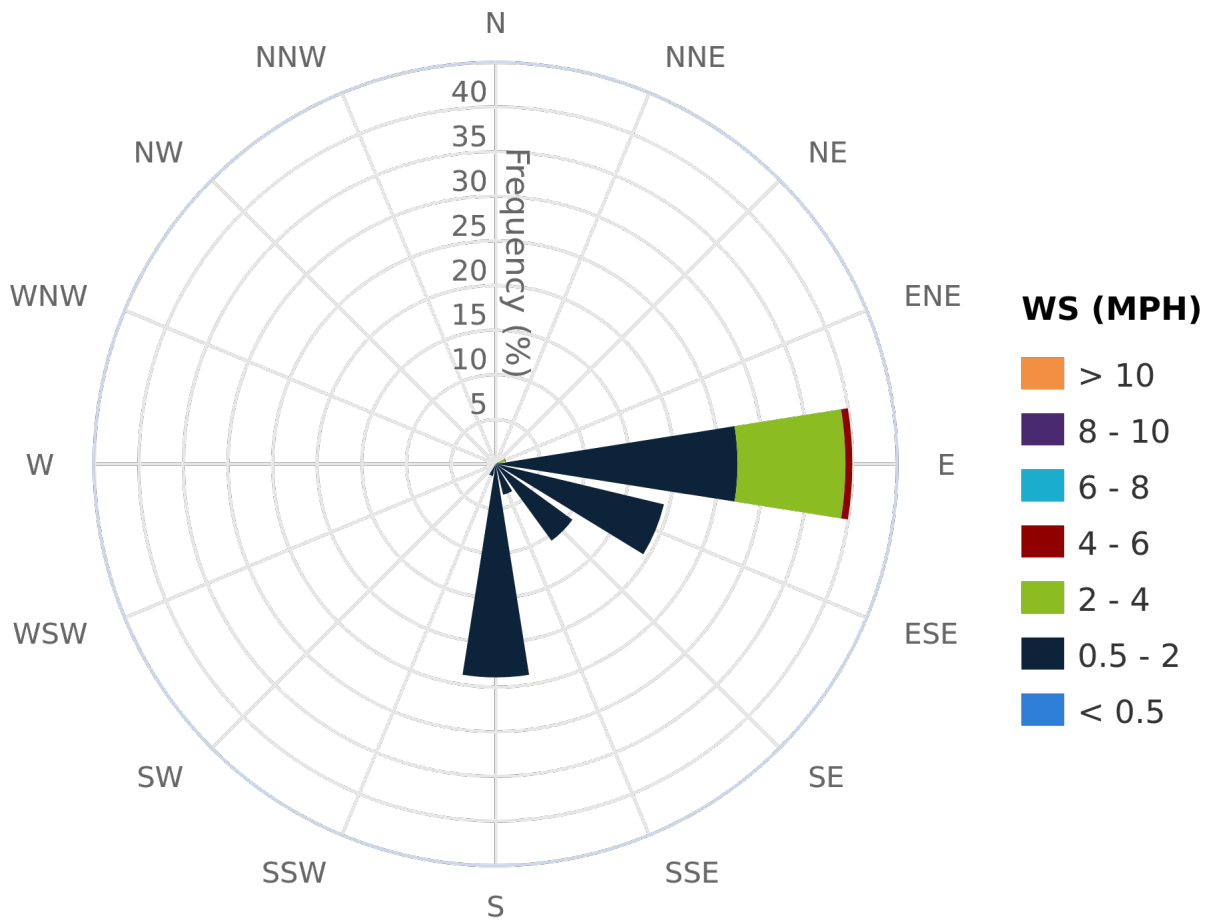


Figure 3 : Wind Rose Chart (WS in MPH)



# DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

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Wind Rose Chart 2997

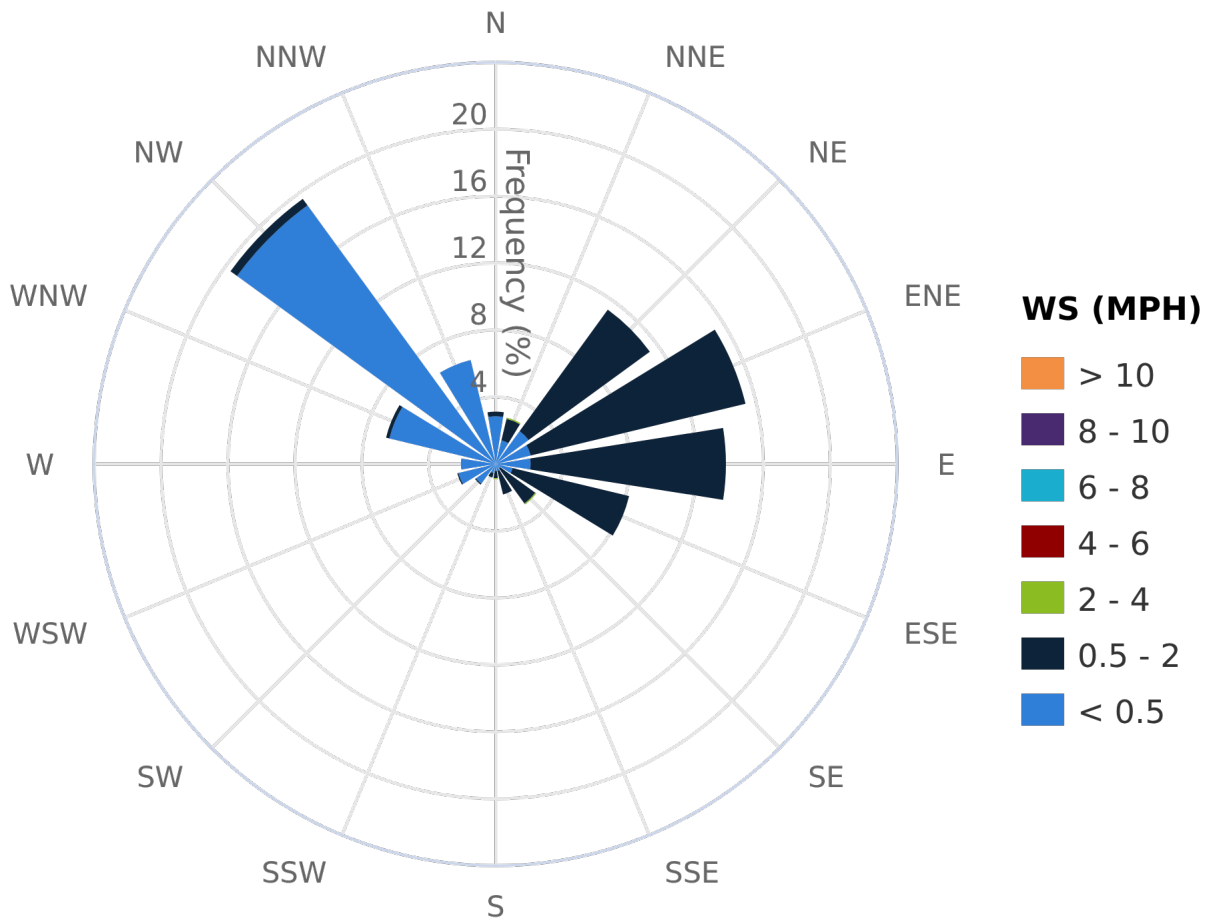


Figure 3 : Wind Rose Chart (WS in MPH)



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Date : 2026-04-12

**Table 3 : 15 Minute Average Concentrations (AM)**

	Avg. 2943 - PM10 (µg/m³)	Avg. 3061 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 3061 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 3061 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
00:00:00	10.0	10.4	9.7	10.7	5.2	5.0	5.3	5.1	0.043	0.000	0.062	0.000
00:15:00	9.7	10.2	9.7	11.0	5.1	5.0	5.3	4.9	0.039	0.000	0.057	0.000
00:30:00	10.0	9.7	11.8	10.4	5.1	4.8	5.2	5.2	0.028	0.000	0.052	0.000
00:45:00	9.3	9.4	11.6	10.1	5.0	4.7	5.2	5.0	0.017	0.000	0.046	0.000
01:00:00	9.0	9.6	11.5	10.2	5.1	4.9	5.4	5.0	0.010	0.000	0.041	0.000
01:15:00	9.3	9.8	14.5	11.1	5.4	5.0	6.2	5.6	0.010	0.000	0.036	0.000
01:30:00	10.6	10.1	17.7	11.6	6.3	5.4	6.6	6.6	0.002	0.000	0.032	0.000
01:45:00	11.4	10.2	16.1	11.5	6.8	5.6	6.3	6.4	0.000	0.000	0.027	0.000
02:00:00	10.5	10.3	56.8	10.6	6.4	5.7	5.8	13.0	0.000	0.000	0.024	0.000
02:15:00	10.5	10.7	113.4	31.3	6.4	5.9	9.7	24.2	0.000	0.000	0.022	0.000
02:30:00	10.4	11.4	103.0	69.0	6.5	6.8	17.3	24.3	0.000	0.000	0.023	0.000
02:45:00	10.0	10.8	31.1	426.5	6.1	6.5	84.1	9.2	0.000	0.000	0.021	0.000
03:00:00	9.8	10.6	13.7	399.4	6.0	6.6	82.1	5.6	0.000	0.000	0.019	0.000
03:15:00	9.9	10.8	10.1	277.1	5.7	6.6	58.1	4.9	0.000	0.000	0.016	0.000
03:30:00	10.4	10.1	11.5	471.3	5.7	6.4	93.4	5.0	0.000	0.000	0.013	0.000
03:45:00	23.8	10.1	13.9	667.6	8.5	6.4	139.6	5.7	0.000	0.000	0.011	0.000
04:00:00	26.0	9.4	9.3	633.3	9.0	5.9	134.4	5.0	0.000	0.000	0.010	0.000
04:15:00	22.5	9.4	15.1	285.7	7.9	5.8	60.0	5.9	0.000	0.000	0.008	0.000
04:30:00	16.5	9.1	122.3	57.1	6.8	5.6	17.3	23.3	0.000	0.000	0.007	0.000
04:45:00	15.6	8.6	316.1	91.2	6.8	5.3	26.4	60.9	0.000	0.000	0.004	0.000
05:00:00	18.6	9.1	607.5	91.9	7.5	5.1	25.4	107.5	0.000	0.000	0.005	0.000
05:15:00	19.6	9.4	1,095.0	72.2	7.7	5.2	21.0	201.2	0.000	0.000	0.002	0.000
05:30:00	16.8	9.6	277.6	82.0	7.2	5.2	25.1	57.9	0.000	0.000	0.002	0.000
05:45:00	17.4	9.8	77.0	69.9	7.6	5.1	23.2	18.5	0.000	0.000	0.003	0.000
06:00:00	15.9	8.3	30.3	154.0	7.4	4.6	40.8	9.6	0.000	0.000	0.002	0.000
06:15:00	16.5	6.6	15.3	122.2	7.7	4.0	28.8	7.8	0.000	0.000	0.002	0.000
06:30:00	19.4	7.1	12.3	322.5	8.5	4.2	67.4	7.8	0.000	0.000	0.002	0.000
06:45:00	34.5	7.9	11.0	177.0	11.9	4.5	44.2	7.4	0.000	0.000	0.001	0.000
07:00:00	37.6	7.9	10.7	65.7	12.9	4.4	20.8	7.5	0.000	0.000	0.001	0.000
07:15:00	19.3	7.7	11.7	24.1	8.9	4.3	11.3	8.0	0.000	0.000	0.001	0.000
07:30:00	131.8	8.5	11.9	15.9	23.2	4.5	9.1	8.0	0.000	0.000	0.000	0.000
07:45:00	15.0	8.3	12.3	14.5	8.1	4.5	9.0	8.1	0.000	0.000	0.000	0.000
08:00:00	16.0	8.8	11.4	15.7	8.1	4.8	8.6	8.0	0.000	0.000	0.000	0.000
08:15:00	17.2	9.5	11.6	28.3	8.1	5.4	10.2	7.9	0.000	0.000	0.000	0.000
08:30:00	12.7	11.4	11.8	23.3	6.6	6.8	8.6	7.3	0.000	0.000	0.000	0.000
08:45:00	12.2	10.1	10.9	11.3	6.6	5.7	5.8	6.6	0.000	0.000	0.000	0.000
09:00:00	11.7	9.8	9.5	11.1	5.8	5.0	5.6	5.5	0.000	0.000	0.000	0.000
09:15:00	15.5	9.2	10.7	10.3	5.9	4.6	5.0	5.5	0.000	0.000	0.000	0.000
09:30:00	11.5	9.6	10.2	10.1	5.4	4.6	4.9	5.1	0.000	0.000	0.000	0.000
09:45:00	11.0	9.3	11.0	10.3	5.0	4.4	4.9	5.2	0.000	0.000	0.000	0.000
10:00:00	11.3	9.9	10.4	10.3	5.2	4.7	4.8	5.2	0.000	0.000	0.000	0.000
10:15:00	12.3	10.6	10.8	10.7	5.4	4.9	5.1	5.3	0.002	0.000	0.000	0.000
10:30:00	11.3	9.7	9.9	10.1	5.1	4.6	4.9	4.9	0.001	0.000	0.000	0.000
10:45:00	11.2	8.8	10.0	9.6	4.9	4.2	4.7	4.6	0.000	0.000	0.000	0.002
11:00:00	15.3	9.9	9.8	10.2	5.6	5.0	4.9	5.0	0.000	0.000	0.000	0.003
11:15:00	10.9	10.4	9.8	10.2	5.3	5.2	5.0	4.9	0.000	0.000	0.000	0.001
11:30:00	10.1	9.6	9.7	9.1	4.8	4.8	4.6	4.6	0.000	0.000	0.000	0.000
11:45:00	43.3	9.1	8.4	9.1	9.8	4.4	4.4	4.3	0.000	0.000	0.000	0.000



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**Table 3 : 15 Minute Average Concentrations (PM)**

	Avg. 2943 - PM10 (µg/m³)	Avg. 3061 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 3061 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 3061 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
12:00:00	8.7	7.9	8.0	9.5	4.1	4.0	4.2	4.0	0.000	0.000	0.000	0.000
12:15:00	12.5	7.6	7.5	8.1	4.4	3.9	3.9	3.8	0.000	0.000	0.000	0.000
12:30:00	8.5	8.3	7.8	8.0	4.0	4.0	3.9	3.9	0.000	0.000	0.000	0.000
12:45:00	8.9	8.0	7.6	7.8	4.0	3.9	3.8	3.8	0.000	0.000	0.000	0.000
13:00:00	7.8	8.3	7.7	8.1	3.6	4.1	3.9	3.8	0.000	0.000	0.000	0.000
13:15:00	8.5	8.4	7.9	8.2	4.0	4.2	4.0	3.9	0.000	0.000	0.000	0.000
13:30:00	10.5	8.7	8.1	8.8	4.3	4.2	4.1	3.9	0.000	0.000	0.000	0.000
13:45:00	8.9	8.5	8.3	8.6	4.0	4.0	4.0	3.9	0.000	0.000	0.000	0.000
14:00:00	8.6	8.1	8.0	8.3	3.8	3.8	3.8	3.8	0.000	0.000	0.000	0.000
14:15:00	8.5	7.5	7.7	8.7	3.6	3.7	3.8	3.6	0.000	0.000	0.000	0.000
14:30:00	8.2	7.6	7.7	8.0	3.6	3.7	3.7	3.6	0.000	0.000	0.000	0.000
14:45:00	8.2	7.9	7.5	8.1	3.7	3.8	3.7	3.5	0.000	0.000	0.000	0.000
15:00:00	8.3	7.8	7.3	8.2	3.7	3.8	3.7	3.4	0.000	0.000	0.000	0.000
15:15:00	8.3	7.8	7.3	8.1	3.7	3.8	3.7	3.4	0.000	0.000	0.000	0.000
15:30:00	8.4	8.7	7.4	7.7	3.9	4.1	3.7	3.5	0.000	0.000	0.000	0.000
15:45:00	8.6	8.8	7.8	8.4	3.9	4.2	3.9	3.7	0.000	0.000	0.000	0.000
16:00:00	8.8	8.9	7.8	8.2	4.0	4.2	3.9	3.7	0.000	0.000	0.000	0.000
16:15:00	9.1	8.9	8.0	9.4	4.1	4.3	4.1	3.8	0.000	0.000	0.000	0.000
16:30:00	9.1	9.5	8.4	8.8	4.1	4.3	4.1	4.0	0.000	0.000	0.000	0.000
16:45:00	10.3	9.3	8.4	8.7	4.3	4.4	4.0	3.8	0.000	0.000	0.000	0.000
17:00:00	13.5	9.5	8.6	8.7	4.8	4.4	4.0	3.9	0.000	0.000	0.000	0.000
17:15:00	9.5	9.2	8.6	9.4	4.2	4.3	4.1	4.0	0.000	0.000	0.000	0.000
17:30:00	10.0	9.4	8.7	9.0	4.3	4.4	4.0	4.0	0.000	0.000	0.000	0.000
17:45:00	9.7	9.2	9.2	8.5	4.3	4.3	4.0	4.0	0.000	0.000	0.000	0.000
18:00:00	24.2	9.1	8.9	8.6	5.8	4.3	4.2	4.1	0.000	0.000	0.000	0.000
18:15:00	27.3	9.8	9.0	8.7	6.3	4.5	4.2	4.1	0.000	0.000	0.000	0.000
18:30:00	19.9	9.8	9.4	9.3	5.6	4.5	4.2	4.3	0.000	0.000	0.000	0.000
18:45:00	15.5	9.9	9.2	9.5	5.1	4.6	4.4	4.3	0.000	0.000	0.000	0.000
19:00:00	10.6	10.6	9.3	9.6	4.8	4.8	4.6	4.5	0.000	0.000	0.000	0.000
19:15:00	10.8	10.2	9.3	9.6	4.8	4.7	4.7	4.6	0.000	0.001	0.000	0.000
19:30:00	10.7	10.5	10.1	9.7	4.8	4.8	4.6	4.8	0.000	0.002	0.000	0.006
19:45:00	11.1	10.9	10.3	10.2	4.8	4.9	4.8	4.8	0.015	0.004	0.000	0.017
20:00:00	11.5	11.9	11.1	11.2	5.2	5.3	5.2	5.1	0.044	0.005	0.004	0.033
20:15:00	12.5	12.2	11.3	11.6	5.7	5.6	5.7	5.5	0.072	0.006	0.038	0.046
20:30:00	17.0	12.4	11.9	12.3	6.4	5.6	5.9	5.8	0.090	0.006	0.066	0.054
20:45:00	34.0	13.1	12.1	12.5	9.6	5.8	6.2	6.1	0.101	0.008	0.086	0.057
21:00:00	37.1	14.4	12.1	12.7	11.1	6.9	6.4	6.3	0.110	0.007	0.099	0.059
21:15:00	22.8	16.4	12.7	13.1	11.4	8.5	6.4	6.2	0.117	0.007	0.109	0.059
21:30:00	19.8	17.5	12.1	14.0	10.9	9.1	7.2	6.0	0.115	0.007	0.113	0.056
21:45:00	21.2	18.1	11.5	13.9	12.1	10.0	6.9	5.8	0.113	0.006	0.114	0.052
22:00:00	22.9	20.8	11.4	13.7	13.4	12.1	6.8	5.7	0.111	0.006	0.114	0.049
22:15:00	20.6	19.7	11.4	14.7	11.7	11.5	7.5	5.9	0.106	0.005	0.111	0.043
22:30:00	20.6	19.7	12.0	15.5	12.3	11.2	8.2	6.2	0.100	0.004	0.107	0.037
22:45:00	20.1	20.0	47.1	16.6	12.1	12.0	9.0	10.7	0.093	0.004	0.102	0.031
23:00:00	17.9	21.1	17.4	15.4	10.7	13.0	8.3	7.2	0.086	0.003	0.096	0.025
23:15:00	15.4	18.6	13.1	14.0	8.8	10.8	7.5	6.6	0.076	0.003	0.089	0.020
23:30:00	13.5	17.1	12.4	14.6	7.6	9.8	7.1	6.2	0.065	0.002	0.083	0.017
23:45:00	12.8	16.3	12.0	12.6	6.9	9.2	6.2	6.0	0.057	0.001	0.078	0.012



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Date : 2026-04-12

**Table 4 : Summary of Exceedances (greater than Action Level) -**

Minute of 15-min intv	Avg. 2943 - PM10 (µg/m³)	Avg. 3061 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 3061 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 3061 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
02:45:00			426.5				84.1					
03:00:00			399.4				82.1					
03:15:00			277.1				58.1					
03:30:00			471.3				93.4					
03:45:00			667.6				139.6					
04:00:00			633.3				134.4					
04:15:00			285.7				60.0					
04:45:00				316.1				60.9				
05:00:00				607.5				107.5				
05:15:00				1,095.0				201.2				
05:30:00				277.6				57.9				
06:00:00			154.0				40.8					
06:30:00			322.5				67.4					
06:45:00			177.0				44.2					