



# DAILY AIR MONITORING REPORT

## Florence C&D Landfill – Air Monitoring

Date : 2026-04-19

**Table 1 : Weather Summary**

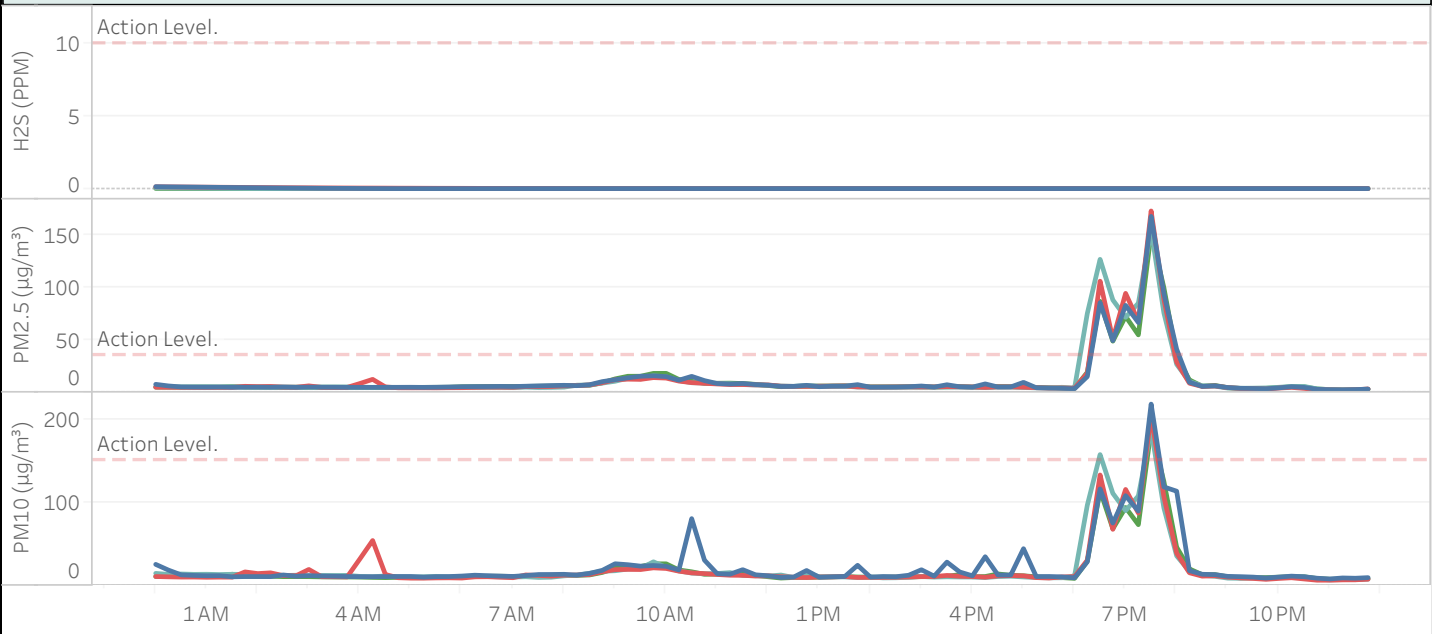
Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.157 to 7.964	2943 ESE	3061 NW	2996 SW	2997 NNE	Min : 61.52 Max : 100.0	Min : 35.50 Max : 81.10	Min : 29.55 Max : 30.18

**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	22.9	218.7	12.2	167.0	0.011	0.133
2996	19.7	205.3	12.1	172.2	0.017	0.124
2997	20.4	187.9	12.8	154.3	0.002	0.049
3061	18.8	187.9	11.7	151.0	0.001	0.010



**Figure 1 : Monitoring Locations**



**Figure 2 : 15 Minutes Average Concentrations**

■ 2943      ■ 2996      ■ 2997      ■ 3061



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Wind Rose Chart 2943

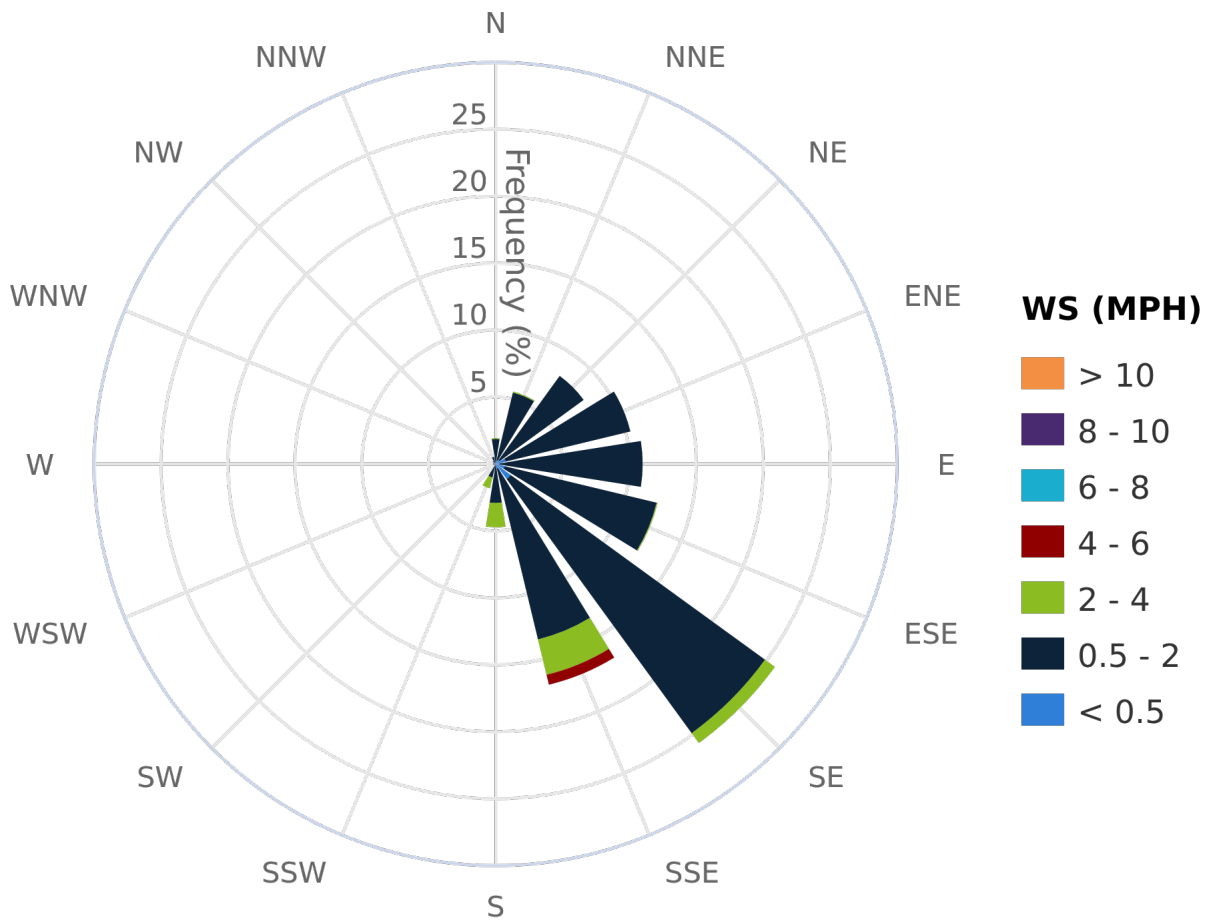


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

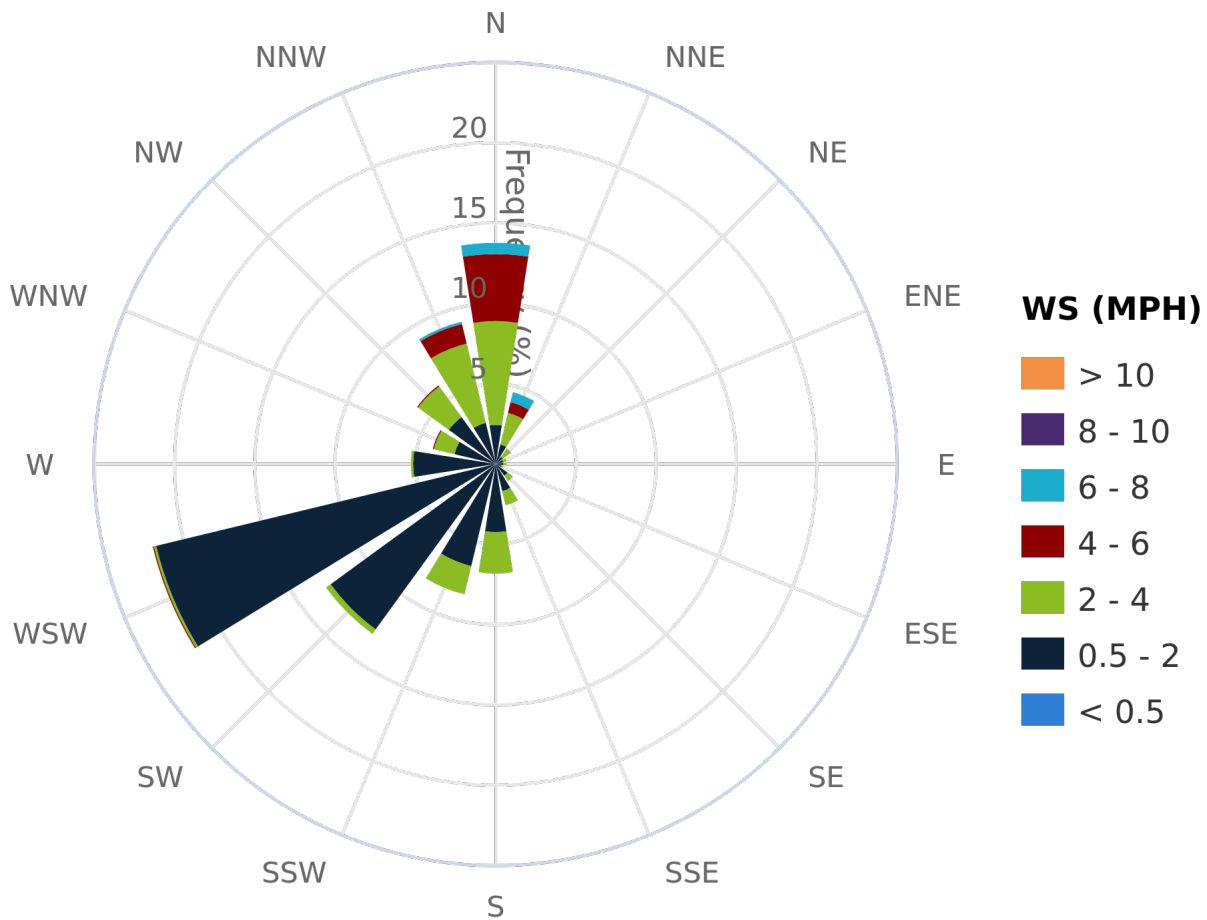


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

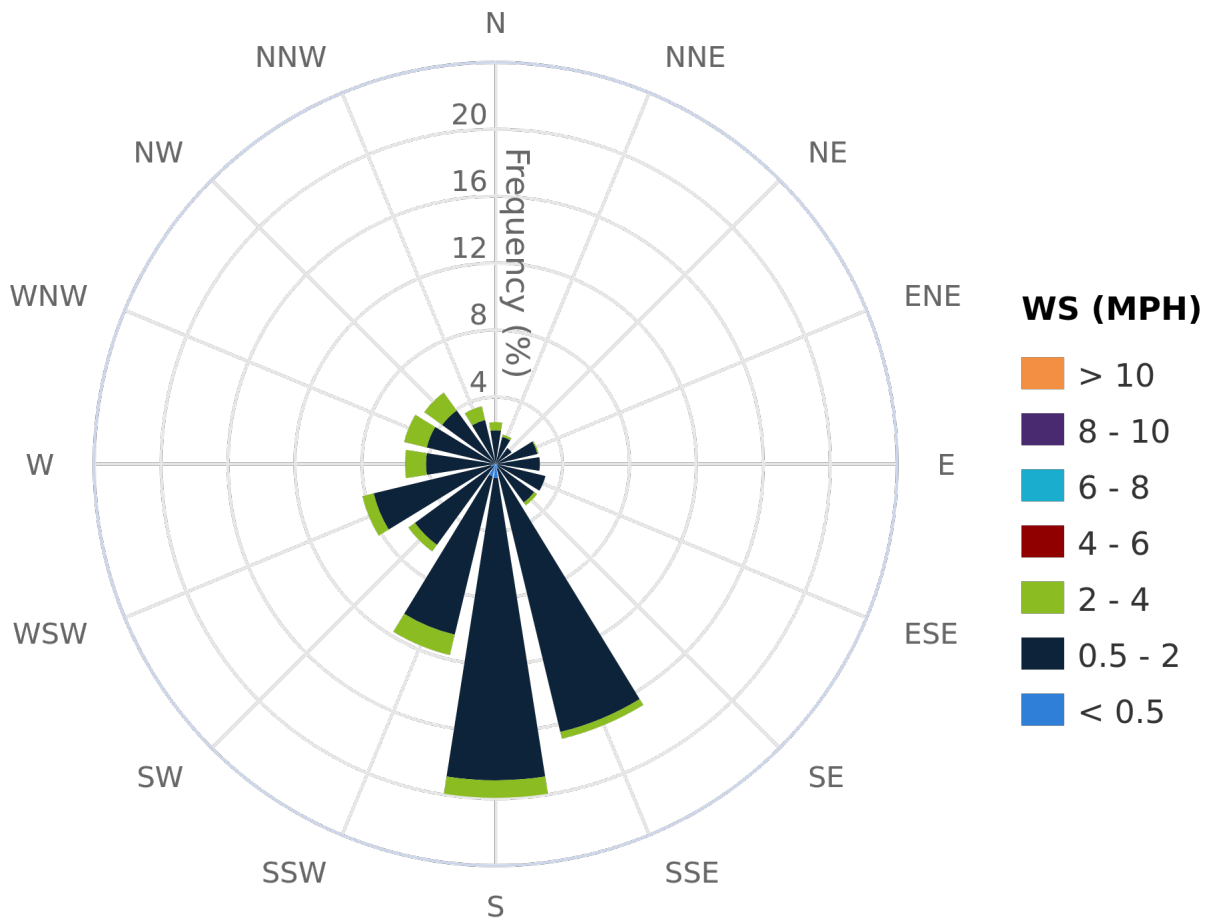


Figure 3 : Wind Rose Chart (WS in MPH)



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Florence C&D Landfill – Air Monitoring

Date : 2026-04-19

Wind Rose Chart 2997

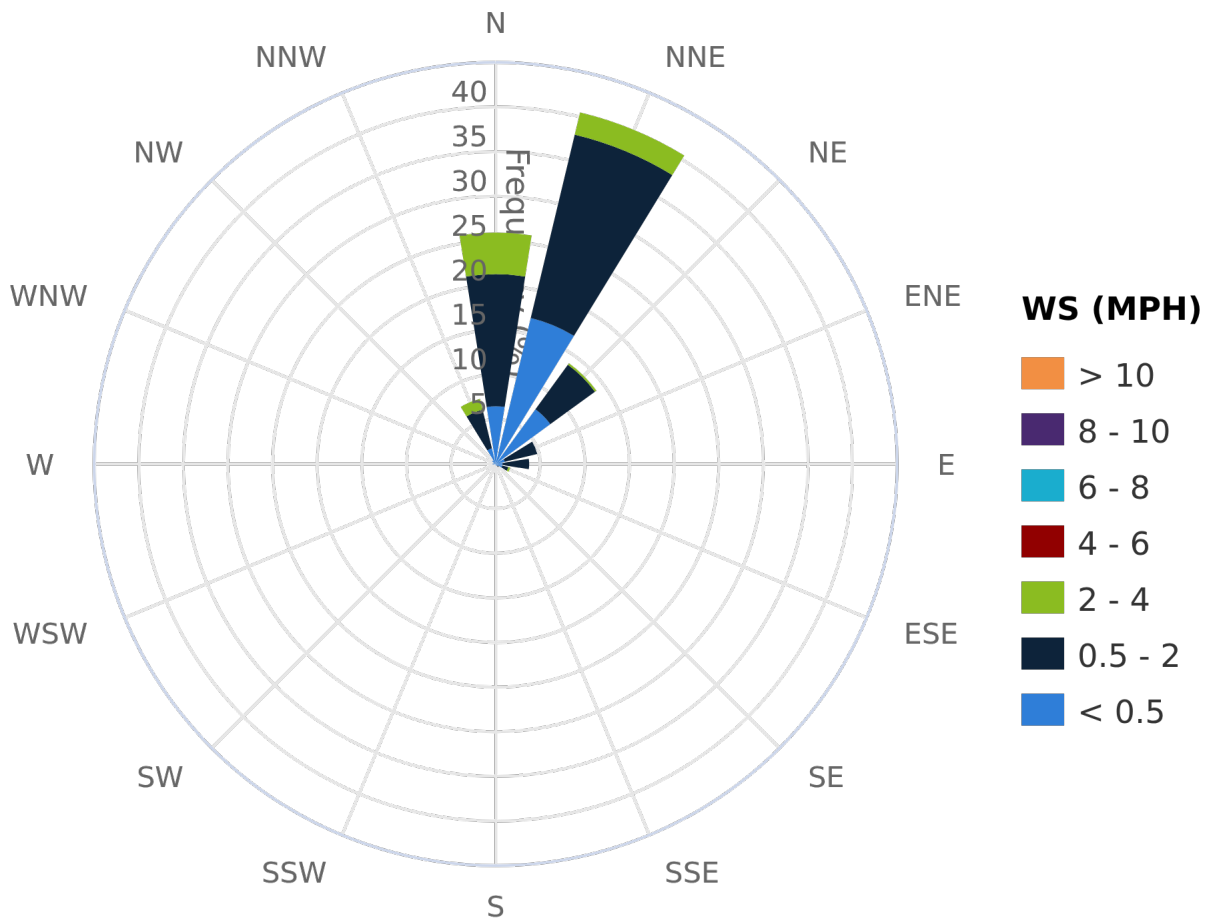


Figure 3 : Wind Rose Chart (WS in MPH)



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Date : 2026-04-19

**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	25.8	11.2	14.9	11.1	7.9	5.2	5.2	5.6	0.133	0.010	0.124	0.049
00:15:00	18.9	11.3	13.7	10.7	6.4	5.2	5.1	5.4	0.120	0.009	0.117	0.045
00:30:00	13.1	11.1	14.2	10.4	5.4	5.1	5.0	5.4	0.112	0.007	0.111	0.035
00:45:00	12.5	11.3	13.8	10.5	5.3	5.3	4.9	5.5	0.104	0.007	0.104	0.031
01:00:00	12.1	11.3	13.9	10.2	5.2	5.3	4.9	5.6	0.095	0.006	0.098	0.025
01:15:00	12.2	11.8	13.5	10.4	5.4	5.3	5.0	5.3	0.085	0.005	0.093	0.019
01:30:00	10.8	13.9	13.8	10.4	5.1	5.7	5.0	5.5	0.077	0.004	0.088	0.010
01:45:00	11.1	11.5	13.7	16.7	5.1	5.2	6.0	5.5	0.069	0.003	0.081	0.006
02:00:00	11.1	11.3	13.6	14.7	5.1	5.2	5.7	5.5	0.060	0.002	0.074	0.001
02:15:00	11.0	11.4	13.4	15.6	5.1	5.2	5.8	5.5	0.051	0.002	0.070	0.000
02:30:00	13.0	11.0	12.4	12.2	5.3	5.1	5.2	5.3	0.043	0.002	0.064	0.000
02:45:00	11.5	11.0	12.7	12.1	5.0	5.1	5.1	5.2	0.037	0.000	0.059	0.000
03:00:00	12.2	11.0	12.1	19.6	5.3	5.1	6.4	5.2	0.030	0.000	0.055	0.000
03:15:00	11.7	10.7	12.4	10.9	5.2	5.1	5.0	5.3	0.023	0.000	0.050	0.000
03:30:00	11.5	10.5	12.4	10.9	5.1	5.1	4.9	5.4	0.019	0.000	0.045	0.000
03:45:00	11.1	10.6	12.5	10.6	5.0	5.1	5.0	5.4	0.015	0.000	0.042	0.000
04:00:00	10.9	10.4	11.3	32.3	5.0	5.1	8.7	5.2	0.009	0.000	0.039	0.000
04:15:00	10.9	10.0	10.9	54.5	5.0	5.0	12.6	5.0	0.005	0.000	0.037	0.000
04:30:00	11.0	9.8	11.8	13.6	5.0	4.9	5.4	5.2	0.002	0.000	0.034	0.000
04:45:00	11.2	10.1	10.9	9.7	5.1	5.0	4.6	5.0	0.000	0.000	0.030	0.000
05:00:00	11.2	9.7	10.7	9.2	5.1	4.9	4.6	4.8	0.000	0.000	0.029	0.000
05:15:00	10.4	9.7	10.9	9.2	5.0	5.0	4.6	4.8	0.000	0.000	0.025	0.000
05:30:00	11.0	10.0	11.4	9.5	5.1	5.1	4.5	4.8	0.000	0.000	0.022	0.000
05:45:00	11.1	10.1	10.8	9.6	5.4	5.1	4.7	4.7	0.000	0.000	0.022	0.000
06:00:00	11.7	10.9	11.1	9.3	5.6	5.6	4.7	4.8	0.000	0.000	0.020	0.000
06:15:00	12.7	10.9	11.0	10.7	5.7	5.7	5.0	4.8	0.000	0.000	0.017	0.000
06:30:00	12.2	11.4	11.2	10.9	5.8	5.8	5.2	4.8	0.000	0.000	0.013	0.000
06:45:00	11.7	11.5	10.7	10.3	5.9	5.8	5.2	4.9	0.000	0.000	0.010	0.000
07:00:00	11.3	11.2	10.5	9.7	5.8	5.9	5.1	4.7	0.000	0.000	0.008	0.000
07:15:00	12.3	11.2	10.9	13.0	6.1	5.9	5.8	5.2	0.000	0.000	0.007	0.000
07:30:00	13.6	12.3	10.0	12.4	6.4	6.1	5.7	4.8	0.000	0.000	0.004	0.000
07:45:00	13.6	12.1	10.3	11.7	6.7	6.2	5.8	5.0	0.000	0.000	0.005	0.000
08:00:00	13.8	12.2	11.9	12.8	7.0	6.4	6.4	5.2	0.000	0.000	0.000	0.000
08:15:00	12.8	12.5	13.0	12.9	6.6	7.0	6.6	7.0	0.000	0.000	0.000	0.000
08:30:00	14.9	13.0	15.1	13.5	7.5	7.0	7.3	7.2	0.000	0.000	0.000	0.000
08:45:00	18.6	16.0	17.5	16.9	10.5	9.3	9.4	9.0	0.000	0.000	0.000	0.000
09:00:00	26.5	21.1	18.1	19.4	12.3	13.0	12.2	10.8	0.000	0.000	0.000	0.000
09:15:00	25.4	23.9	20.1	19.7	14.0	15.5	12.8	13.6	0.000	0.000	0.000	0.000
09:30:00	23.6	23.2	20.7	19.5	15.6	15.6	12.6	13.1	0.000	0.000	0.000	0.000
09:45:00	24.4	26.4	28.8	21.6	16.0	18.2	14.2	15.9	0.001	0.000	0.001	0.000
10:00:00	23.4	26.4	22.1	20.8	15.2	18.3	13.8	15.0	0.004	0.000	0.000	0.000
10:15:00	19.0	19.0	17.9	17.6	11.8	12.5	10.9	11.5	0.003	0.000	0.000	0.000
10:30:00	80.8	16.8	15.2	15.5	15.4	10.8	9.5	9.4	0.000	0.000	0.000	0.000
10:45:00	30.8	13.8	14.4	14.6	11.4	8.9	8.8	9.1	0.000	0.000	0.000	0.000
11:00:00	14.5	14.1	14.8	13.5	8.7	8.9	8.2	8.7	0.000	0.000	0.000	0.000
11:15:00	13.9	14.5	15.9	12.7	8.1	9.0	7.6	8.5	0.000	0.000	0.000	0.000
11:30:00	19.4	13.9	12.4	12.5	8.7	8.7	7.7	7.6	0.000	0.000	0.000	0.000
11:45:00	13.2	12.6	12.0	11.8	7.6	7.9	7.3	7.3	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	12.0	10.8	11.8	11.9	7.1	6.7	7.3	7.1	0.000	0.000	0.000	0.000
12:15:00	10.0	9.3	12.9	10.9	5.8	5.6	6.1	6.4	0.000	0.000	0.000	0.000
12:30:00	10.5	10.0	9.9	10.3	6.0	6.0	6.0	6.0	0.000	0.000	0.000	0.000
12:45:00	18.4	10.1	14.8	9.9	6.9	6.1	5.9	6.8	0.000	0.000	0.000	0.000
13:00:00	10.2	10.3	11.0	10.5	5.6	6.3	6.1	6.1	0.000	0.000	0.000	0.000
13:15:00	10.8	10.7	10.7	10.6	6.2	6.3	6.2	6.0	0.000	0.000	0.000	0.000
13:30:00	11.2	11.1	10.6	11.1	6.2	6.5	6.4	6.0	0.000	0.000	0.000	0.000
13:45:00	24.7	10.6	10.0	10.0	7.6	6.0	5.4	5.3	0.000	0.000	0.000	0.000
14:00:00	10.5	10.3	10.6	10.2	5.2	5.5	5.3	5.2	0.000	0.000	0.000	0.000
14:15:00	11.2	10.4	9.5	10.1	5.3	5.5	5.3	5.0	0.000	0.000	0.000	0.000
14:30:00	10.9	10.5	9.6	10.3	5.3	5.5	5.4	5.0	0.000	0.000	0.000	0.000
14:45:00	12.7	10.7	10.1	10.6	5.6	5.6	5.4	5.1	0.000	0.000	0.000	0.000
15:00:00	19.3	10.9	11.2	11.0	6.3	5.5	5.4	5.1	0.000	0.000	0.000	0.000
15:15:00	11.6	10.9	10.4	11.1	5.3	5.4	5.4	5.1	0.000	0.000	0.000	0.000
15:30:00	28.5	11.4	10.8	12.4	7.5	5.5	5.7	5.2	0.000	0.000	0.000	0.000
15:45:00	16.6	13.5	10.5	11.4	5.6	5.8	5.5	5.2	0.000	0.000	0.000	0.000
16:00:00	12.0	10.9	10.5	11.1	5.3	5.3	5.4	4.9	0.000	0.000	0.000	0.000
16:15:00	35.0	11.1	9.8	10.3	8.3	5.3	5.0	4.7	0.000	0.000	0.000	0.000
16:30:00	12.9	14.2	11.1	11.9	5.3	5.8	5.5	5.2	0.000	0.000	0.000	0.000
16:45:00	12.9	12.6	11.5	12.3	5.4	5.7	5.5	5.2	0.000	0.000	0.000	0.000
17:00:00	44.6	12.1	10.6	12.0	9.8	5.4	5.2	4.9	0.000	0.000	0.000	0.000
17:15:00	11.1	10.7	9.8	9.8	4.6	5.0	4.7	4.5	0.000	0.000	0.000	0.000
17:30:00	11.2	10.1	9.6	9.3	4.4	4.6	4.4	4.3	0.000	0.000	0.000	0.000
17:45:00	10.7	9.8	9.6	10.6	4.0	4.3	4.4	5.1	0.000	0.000	0.000	0.000
18:00:00	9.6	8.9	11.9	10.9	3.7	4.0	4.2	4.4	0.000	0.000	0.000	0.000
18:15:00	28.9	29.7	97.0	30.7	15.2	19.3	18.5	75.1	0.000	0.000	0.000	0.000
18:30:00	116.6	114.6	157.9	133.4	85.3	86.6	105.7	126.4	0.000	0.000	0.000	0.000
18:45:00	75.5	68.6	111.3	67.9	49.3	48.8	50.7	87.9	0.000	0.000	0.000	0.000
19:00:00	108.5	94.2	90.4	115.9	82.7	72.3	94.1	71.4	0.000	0.001	0.000	0.000
19:15:00	89.9	73.5	108.1	87.5	66.5	54.8	67.7	84.8	0.000	0.002	0.000	0.000
19:30:00	218.7	187.9	187.9	205.3	167.0	151.0	172.2	154.3	0.000	0.001	0.000	0.000
19:45:00	119.0	125.5	93.6	107.1	93.9	99.5	88.5	75.6	0.000	0.000	0.000	0.000
20:00:00	113.9	46.5	36.0	39.2	41.2	34.4	29.1	26.9	0.000	0.000	0.000	0.000
20:15:00	18.2	20.3	17.5	15.6	9.9	12.1	8.9	10.5	0.000	0.000	0.000	0.000
20:30:00	13.8	13.4	12.5	11.6	5.9	6.1	5.8	6.5	0.000	0.000	0.000	0.000
20:45:00	13.4	13.5	11.3	12.1	6.5	6.9	6.3	6.1	0.000	0.000	0.000	0.000
21:00:00	11.3	10.8	9.2	10.5	4.9	4.7	4.8	4.4	0.000	0.000	0.000	0.000
21:15:00	11.0	9.5	9.0	9.4	4.1	4.1	4.0	4.2	0.000	0.000	0.000	0.000
21:30:00	10.4	9.8	9.3	8.8	3.9	4.1	3.7	4.3	0.000	0.000	0.000	0.000
21:45:00	9.3	9.9	9.0	7.8	3.7	4.1	3.4	4.4	0.000	0.000	0.000	0.000
22:00:00	10.5	10.4	9.8	8.8	4.5	4.8	4.3	5.1	0.000	0.000	0.000	0.000
22:15:00	11.6	11.0	10.6	9.6	5.6	5.5	5.0	5.8	0.000	0.000	0.000	0.000
22:30:00	10.9	10.8	10.7	8.2	5.0	5.4	4.0	5.9	0.000	0.000	0.000	0.000
22:45:00	9.1	8.7	8.0	6.7	3.2	3.5	2.7	3.6	0.000	0.000	0.000	0.000
23:00:00	8.2	7.9	7.1	6.7	2.8	2.9	2.6	2.9	0.000	0.000	0.000	0.000
23:15:00	9.4	7.9	7.4	7.1	2.7	2.6	2.4	2.7	0.000	0.001	0.000	0.000
23:30:00	9.1	8.2	7.3	7.2	2.9	2.8	2.7	2.8	0.000	0.000	0.000	0.000
23:45:00	9.8	8.7	7.9	7.9	3.4	3.2	3.5	3.3	0.000	0.000	0.000	0.000



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Date : 2026-04-19

**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)
18:15:00								75.1				
18:30:00				157.9	85.3	86.6	105.7	126.4				
18:45:00					49.3	48.8	50.7	87.9				
19:00:00					82.7	72.3	94.1	71.4				
19:15:00					66.5	54.8	67.7	84.8				
19:30:00	218.7	187.9	205.3	187.9	167.0	151.0	172.2	154.3				
19:45:00					93.9	99.5	88.5	75.6				
20:00:00					41.2							