



# DAILY AIR MONITORING REPORT

## Florence C&D Landfill – Air Monitoring

Date : 2026-05-20

**Table 1 : Weather Summary**

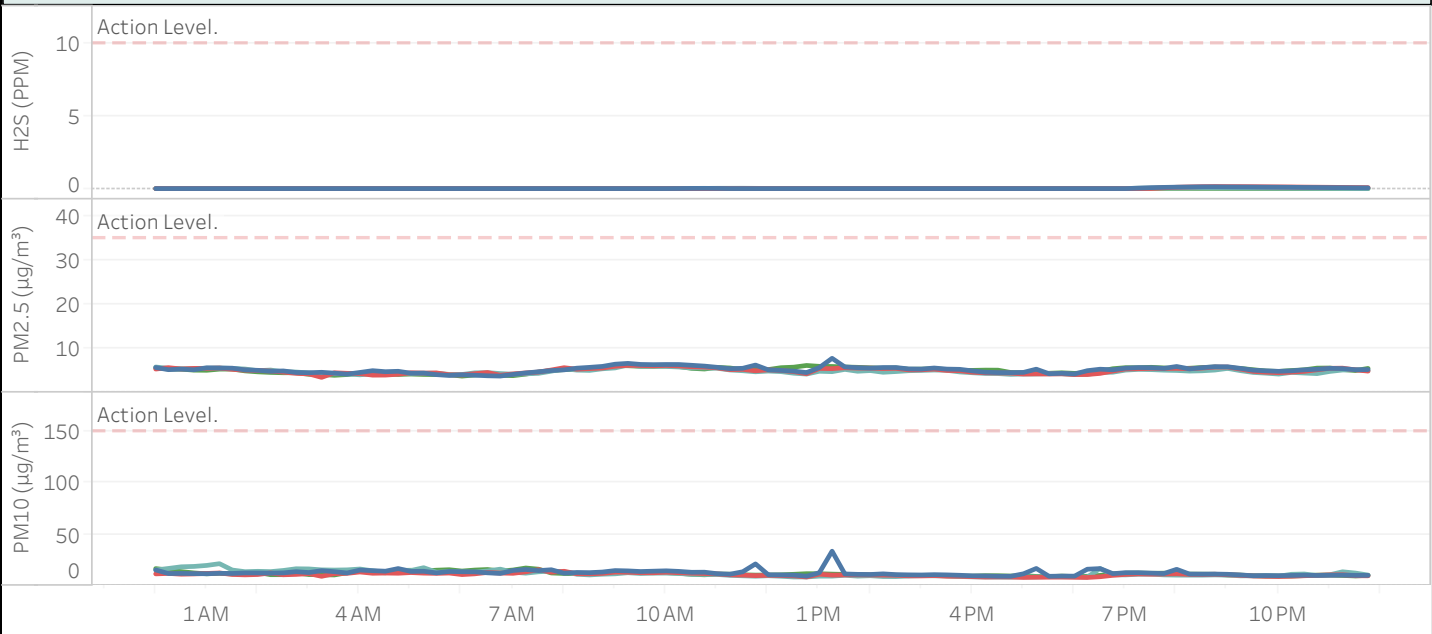
Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.067 to 6.174	2943 SE	3061 NNW	2996 ESE	2997 NE	Min : 65.12 Max : 101.3	Min : 33.20 Max : 88.30	Min : 29.95 Max : 30.19

**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	12.6	33.5	5.2	7.8	0.018	0.120
2996	10.9	15.6	5.0	6.2	0.019	0.141
2997	11.9	21.4	4.8	6.2	0.008	0.052
3061	11.6	17.2	5.1	6.1	0.002	0.015



**Figure 1 : Monitoring Locations**



**Figure 2 : 15 Minutes Average Concentrations**

■ 2943      ■ 2996      ■ 2997      ■ 3061



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Wind Rose Chart 2943

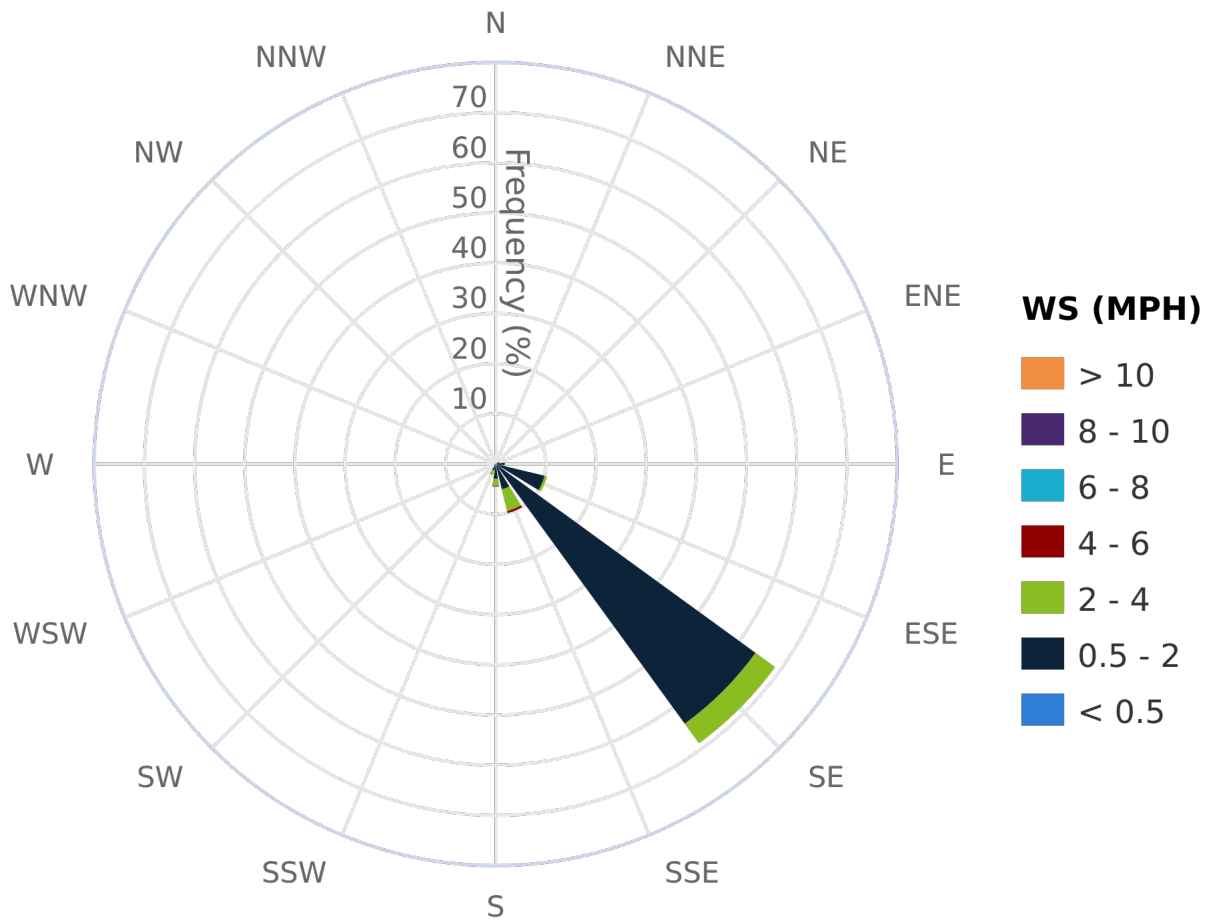


Figure 3 : Wind Rose Chart (WS in MPH)



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Date : 2026-05-20

Wind Rose Chart 3061

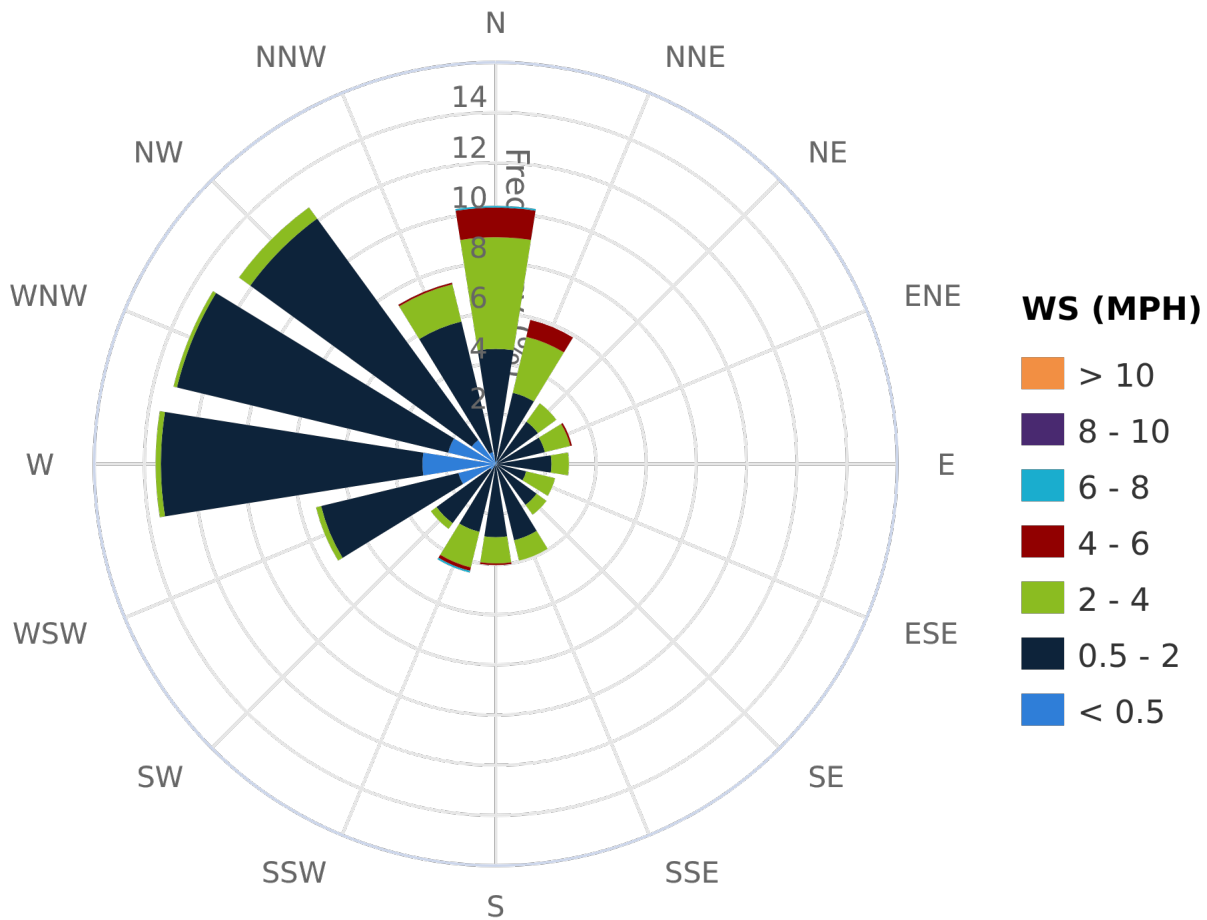


Figure 3 : Wind Rose Chart (WS in MPH)



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Florence C&D Landfill – Air Monitoring

Date : 2026-05-20

Wind Rose Chart 2996

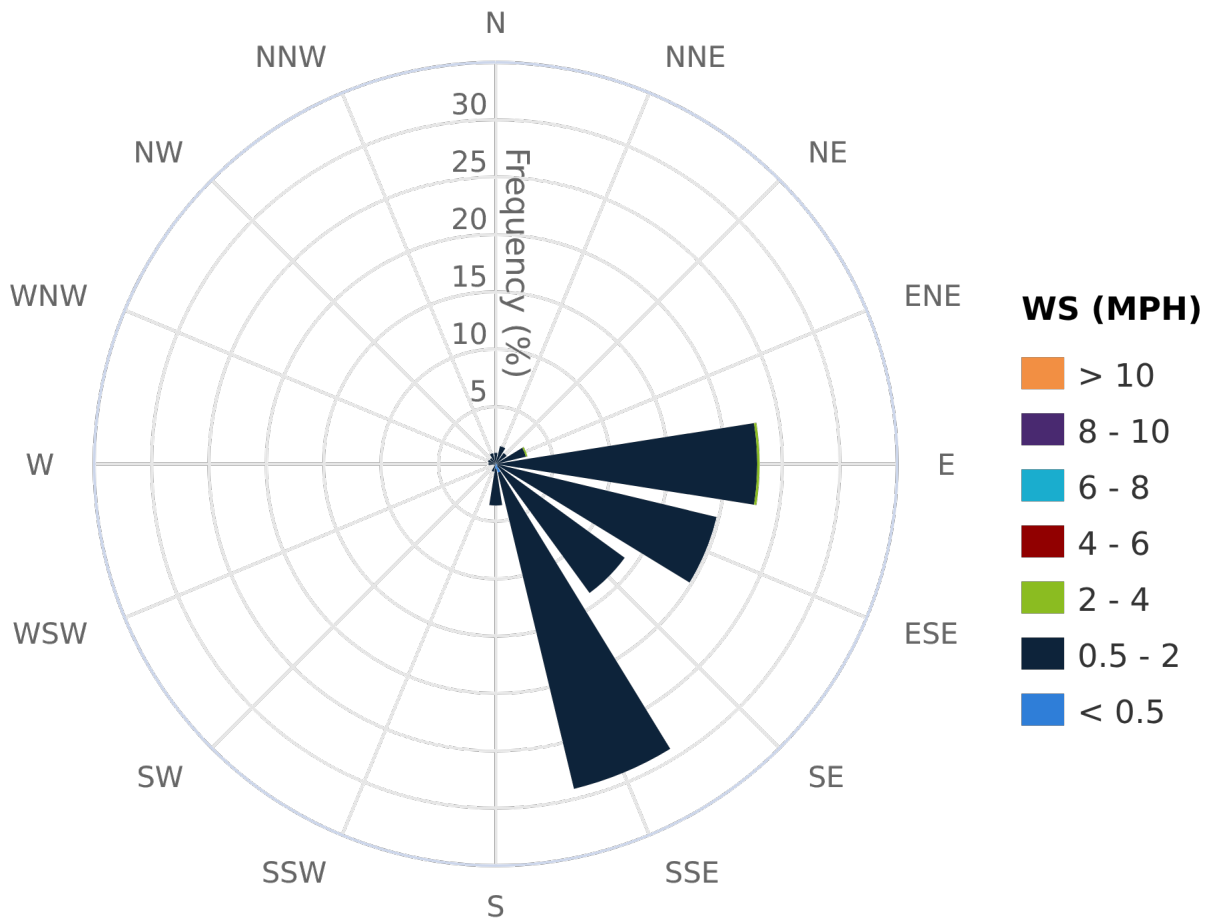


Figure 3 : Wind Rose Chart (WS in MPH)



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Florence C&D Landfill – Air Monitoring

Date : 2026-05-20

Wind Rose Chart 2997

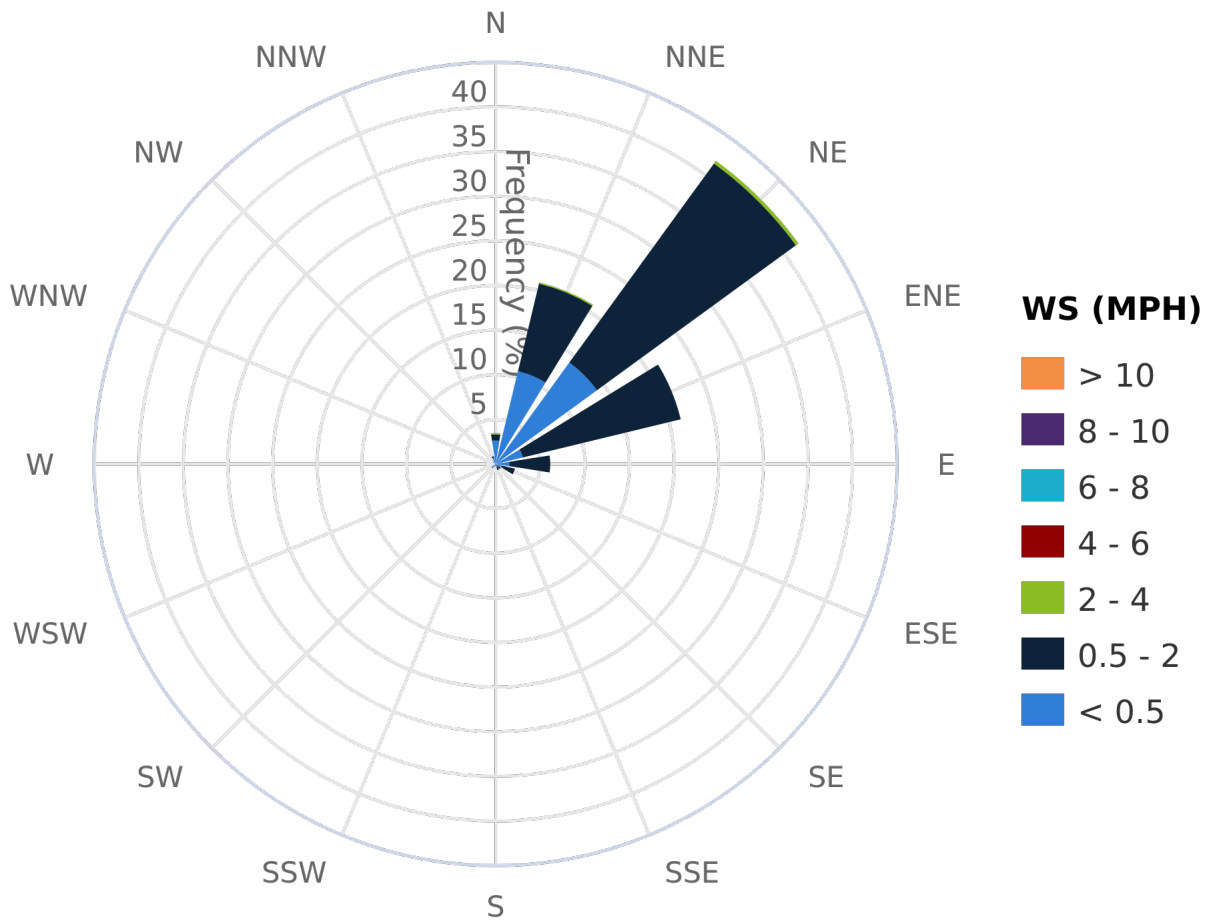


Figure 3 : Wind Rose Chart (WS in MPH)



# DAILY AIR MONITORING REPORT

## Florence C&D Landfill – Air Monitoring

Date : 2026-05-20

**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	15.3	16.6	15.3	11.5	5.7	5.6	5.3	5.8	0.000	0.000	0.000	0.000
00:15:00	11.8	15.2	16.8	12.0	5.2	5.4	5.6	5.5	0.000	0.000	0.000	0.000
00:30:00	12.0	13.7	18.4	11.2	5.3	5.3	5.3	5.4	0.000	0.000	0.000	0.000
00:45:00	11.8	12.4	18.7	11.5	5.2	5.1	5.5	5.5	0.000	0.000	0.000	0.000
01:00:00	11.6	11.6	19.7	11.9	5.6	5.1	5.5	5.5	0.000	0.000	0.000	0.000
01:15:00	12.1	12.1	21.4	12.4	5.6	5.3	5.6	5.6	0.000	0.000	0.000	0.000
01:30:00	11.9	11.5	15.2	10.9	5.5	5.3	5.3	5.5	0.000	0.000	0.000	0.000
01:45:00	12.4	11.5	13.6	10.6	5.1	4.9	5.1	5.3	0.000	0.000	0.000	0.000
02:00:00	12.4	12.9	14.0	10.9	5.0	4.7	5.0	5.0	0.000	0.000	0.000	0.000
02:15:00	12.3	10.7	13.7	12.4	4.8	4.6	4.9	5.1	0.000	0.000	0.000	0.000
02:30:00	12.5	10.7	14.8	10.6	4.9	4.5	4.6	4.7	0.000	0.000	0.000	0.000
02:45:00	13.6	12.5	16.5	11.0	4.6	4.5	4.4	4.7	0.000	0.000	0.000	0.000
03:00:00	12.8	10.9	16.3	11.8	4.5	4.1	4.2	4.5	0.000	0.000	0.000	0.000
03:15:00	14.6	10.7	15.4	9.2	4.6	4.1	3.4	4.2	0.000	0.000	0.000	0.000
03:30:00	13.6	10.5	15.2	11.7	4.4	3.9	4.5	4.3	0.000	0.000	0.000	0.000
03:45:00	12.4	12.7	15.4	12.0	4.2	4.1	4.4	4.2	0.000	0.000	0.000	0.000
04:00:00	15.2	14.0	16.2	13.4	4.6	4.3	4.3	4.0	0.000	0.000	0.000	0.000
04:15:00	14.6	13.2	14.5	12.1	5.0	4.2	4.0	4.3	0.000	0.000	0.000	0.000
04:30:00	14.1	12.5	13.0	12.3	4.7	4.2	4.0	4.5	0.000	0.000	0.000	0.000
04:45:00	16.7	14.9	15.3	12.1	4.8	4.1	4.2	4.5	0.000	0.000	0.000	0.000
05:00:00	13.9	15.0	14.8	12.8	4.4	4.2	4.5	4.3	0.000	0.000	0.000	0.000
05:15:00	14.0	14.3	17.5	12.2	4.4	4.1	4.4	4.4	0.000	0.000	0.000	0.000
05:30:00	12.5	15.1	13.1	12.0	4.1	4.1	4.5	4.4	0.000	0.000	0.000	0.000
05:45:00	13.9	15.5	13.7	12.3	3.9	4.0	4.0	4.1	0.000	0.000	0.000	0.000
06:00:00	13.6	14.3	13.4	10.8	4.0	3.7	4.0	4.1	0.000	0.000	0.000	0.000
06:15:00	13.5	15.2	13.2	11.6	3.9	4.0	4.3	4.5	0.000	0.000	0.000	0.000
06:30:00	12.5	15.7	14.4	12.9	3.8	4.1	4.5	4.5	0.000	0.000	0.000	0.000
06:45:00	11.9	14.3	16.1	12.3	3.7	3.9	3.9	4.3	0.000	0.000	0.000	0.000
07:00:00	14.8	15.3	13.1	12.1	4.1	3.8	4.2	4.2	0.000	0.000	0.000	0.000
07:15:00	15.8	17.2	12.2	13.5	4.5	4.2	4.5	4.2	0.000	0.000	0.000	0.000
07:30:00	14.7	16.1	13.5	15.6	4.7	4.6	4.6	4.4	0.000	0.000	0.000	0.000
07:45:00	15.5	12.4	14.2	13.1	5.0	5.0	5.1	4.8	0.000	0.000	0.000	0.000
08:00:00	12.2	11.9	13.6	14.0	5.1	5.2	5.6	5.4	0.000	0.000	0.000	0.000
08:15:00	12.9	11.7	11.2	11.6	5.5	5.2	5.3	5.1	0.000	0.000	0.000	0.000
08:30:00	12.7	12.0	10.5	11.6	5.7	5.4	5.4	5.0	0.000	0.000	0.000	0.000
08:45:00	13.3	12.2	11.2	12.0	5.9	5.6	5.6	5.4	0.000	0.000	0.000	0.000
09:00:00	14.7	13.4	11.6	13.2	6.4	6.1	6.0	5.6	0.000	0.000	0.000	0.000
09:15:00	14.4	13.1	12.6	13.1	6.6	6.1	6.2	6.2	0.000	0.000	0.000	0.000
09:30:00	13.8	12.9	11.9	12.7	6.4	5.9	6.1	6.0	0.000	0.000	0.000	0.000
09:45:00	14.1	12.6	12.3	12.6	6.3	5.9	6.1	6.0	0.000	0.001	0.000	0.000
10:00:00	14.5	12.8	12.2	13.1	6.4	6.0	6.1	5.9	0.001	0.001	0.000	0.000
10:15:00	13.9	12.1	11.9	12.7	6.4	5.9	6.0	5.8	0.006	0.001	0.000	0.001
10:30:00	13.1	11.1	11.1	12.2	6.2	5.5	5.8	5.6	0.014	0.000	0.000	0.004
10:45:00	13.1	10.6	11.0	11.8	6.0	5.3	5.8	5.6	0.018	0.000	0.000	0.014
11:00:00	11.7	11.3	10.9	11.5	5.7	5.7	5.6	5.5	0.012	0.000	0.000	0.021
11:15:00	11.2	11.2	10.1	10.6	5.4	5.6	5.2	5.1	0.001	0.000	0.000	0.021
11:30:00	13.6	10.6	9.7	10.3	5.5	5.2	5.3	5.0	0.000	0.000	0.000	0.024
11:45:00	21.2	10.3	9.2	9.8	6.2	5.3	4.9	4.7	0.000	0.000	0.000	0.018



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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	10.7	10.4	9.7	10.1	5.2	5.2	5.2	4.9	0.000	0.000	0.000	0.011
12:15:00	10.5	10.6	9.2	9.9	5.0	5.6	5.0	4.7	0.000	0.000	0.000	0.001
12:30:00	10.4	11.1	8.5	9.6	4.9	5.8	4.7	4.4	0.000	0.000	0.000	0.000
12:45:00	9.3	11.7	8.5	8.5	4.5	6.1	4.3	4.2	0.000	0.000	0.000	0.000
13:00:00	12.6	11.7	9.3	11.2	5.7	5.9	5.5	4.8	0.000	0.000	0.000	0.000
13:15:00	33.5	11.3	9.3	10.3	7.8	5.9	5.4	4.7	0.000	0.000	0.000	0.000
13:30:00	11.4	11.0	10.2	10.5	5.8	5.8	5.6	5.3	0.000	0.000	0.000	0.000
13:45:00	11.1	10.9	9.3	10.5	5.6	5.7	5.5	4.8	0.000	0.000	0.000	0.000
14:00:00	10.9	10.4	9.7	10.4	5.5	5.6	5.5	5.0	0.000	0.000	0.000	0.000
14:15:00	11.5	10.4	9.0	10.3	5.7	5.5	5.4	4.6	0.000	0.000	0.000	0.000
14:30:00	10.8	10.2	8.9	10.2	5.7	5.6	5.5	4.8	0.000	0.000	0.000	0.000
14:45:00	10.6	10.0	9.4	9.6	5.4	5.3	5.1	5.0	0.000	0.000	0.000	0.000
15:00:00	10.5	9.9	9.8	9.5	5.3	5.3	5.2	5.0	0.000	0.000	0.000	0.000
15:15:00	10.8	9.9	9.6	9.9	5.6	5.4	5.3	5.1	0.000	0.000	0.000	0.000
15:30:00	10.5	9.6	9.6	9.3	5.3	5.2	5.0	5.0	0.000	0.000	0.000	0.000
15:45:00	10.2	9.4	9.0	9.2	5.3	5.0	5.0	4.7	0.000	0.000	0.000	0.000
16:00:00	9.7	9.4	8.6	8.8	4.9	5.0	4.6	4.5	0.000	0.000	0.000	0.000
16:15:00	9.5	9.8	8.5	8.4	4.6	5.1	4.5	4.3	0.000	0.000	0.000	0.000
16:30:00	9.2	9.8	8.4	8.6	4.5	5.1	4.5	4.3	0.000	0.000	0.000	0.000
16:45:00	9.2	9.5	8.3	8.5	4.5	4.6	4.4	4.1	0.000	0.000	0.000	0.000
17:00:00	11.6	9.8	8.6	8.0	4.6	4.5	4.2	4.2	0.000	0.000	0.000	0.000
17:15:00	16.8	9.0	8.5	8.2	5.3	4.4	4.2	4.2	0.000	0.000	0.000	0.000
17:30:00	9.2	8.8	8.9	8.3	4.3	4.4	4.2	4.3	0.000	0.000	0.000	0.000
17:45:00	9.4	9.4	8.7	8.4	4.4	4.5	4.3	4.3	0.000	0.000	0.000	0.000
18:00:00	9.3	8.9	8.8	8.2	4.2	4.4	4.1	4.1	0.000	0.000	0.000	0.000
18:15:00	16.0	9.2	8.3	8.0	5.0	4.5	4.1	4.1	0.000	0.000	0.000	0.000
18:30:00	16.6	10.0	16.7	8.7	5.3	4.8	4.3	4.5	0.000	0.000	0.000	0.000
18:45:00	11.7	11.5	10.6	10.1	5.2	5.4	4.9	4.6	0.000	0.000	0.000	0.000
19:00:00	12.7	12.2	10.5	11.0	5.5	5.6	5.4	5.1	0.001	0.005	0.000	0.005
19:15:00	12.7	12.3	11.1	11.5	5.7	5.6	5.4	5.3	0.031	0.010	0.000	0.031
19:30:00	12.2	12.1	11.2	11.2	5.6	5.7	5.5	5.2	0.065	0.012	0.006	0.038
19:45:00	11.8	12.2	10.5	11.4	5.5	5.6	5.5	5.1	0.084	0.014	0.054	0.046
20:00:00	15.9	11.8	10.3	11.6	5.9	5.4	5.5	5.0	0.100	0.015	0.092	0.049
20:15:00	11.3	11.3	10.3	11.0	5.4	5.5	5.4	4.9	0.109	0.015	0.116	0.052
20:30:00	11.3	11.2	10.3	10.9	5.6	5.7	5.5	4.9	0.120	0.013	0.132	0.052
20:45:00	11.4	11.1	10.5	11.2	5.9	5.8	5.8	5.1	0.120	0.013	0.141	0.051
21:00:00	11.1	10.4	10.3	10.7	5.8	5.6	5.8	5.5	0.113	0.012	0.137	0.047
21:15:00	10.5	10.3	9.6	10.1	5.5	5.5	5.3	5.0	0.108	0.011	0.136	0.044
21:30:00	9.7	9.7	9.7	9.4	5.1	5.2	4.8	4.6	0.105	0.010	0.131	0.041
21:45:00	9.9	9.4	10.0	9.1	4.9	4.9	4.6	4.4	0.098	0.009	0.125	0.036
22:00:00	9.8	9.4	9.3	9.0	4.8	4.8	4.5	4.2	0.094	0.008	0.119	0.031
22:15:00	10.0	9.5	11.1	9.2	4.9	5.0	4.6	4.6	0.089	0.007	0.112	0.027
22:30:00	10.2	9.8	11.4	9.7	5.2	5.2	4.8	4.4	0.079	0.006	0.103	0.021
22:45:00	10.0	10.3	10.0	10.1	5.3	5.5	5.2	4.3	0.076	0.006	0.096	0.016
23:00:00	10.2	10.4	10.7	10.6	5.5	5.6	5.5	4.8	0.069	0.004	0.089	0.012
23:15:00	10.3	10.0	13.5	10.7	5.4	5.2	5.5	5.1	0.063	0.004	0.082	0.007
23:30:00	10.1	9.5	12.3	9.7	5.2	5.0	5.1	5.2	0.055	0.004	0.075	0.003
23:45:00	10.1	10.1	10.4	9.6	5.2	5.5	4.9	5.0	0.050	0.003	0.070	0.001



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Date : 2026-05-20

Table 4 : Summary of Exceedances (greater than Action Level) - *None*

Table 4 : Summary of Exceedances (greater than Action Level) - <i>None</i>	
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