



# DAILY AIR MONITORING REPORT

## Florence C&D Landfill – Air Monitoring

Date : 2026-05-07

**Table 1 : Weather Summary**

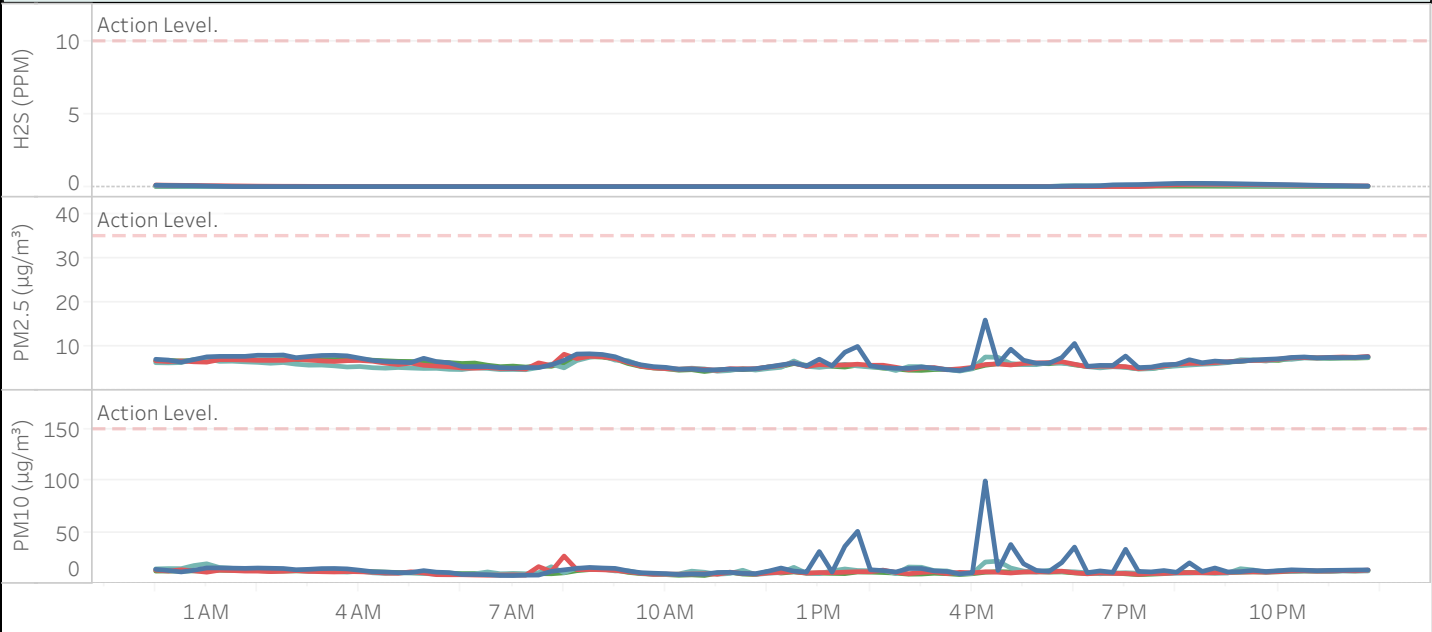
Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.045 to 6.219	2943 SSE	3061 WSW	2996 NW	2997 NE	Min : 64.40 Max : 103.6	Min : 35.50 Max : 86.10	Min : 26.61 Max : 30.27

**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	14.9	99.6	6.6	16.0	0.038	0.224
2996	11.3	26.8	6.1	8.2	0.027	0.159
2997	12.1	21.9	5.8	7.9	0.018	0.123
3061	11.0	13.8	6.1	7.7	0.006	0.031



**Figure 1 : Monitoring Locations**



**Figure 2 : 15 Minutes Average Concentrations**

■ 2943      ■ 2996      ■ 2997      ■ 3061



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Wind Rose Chart 2943

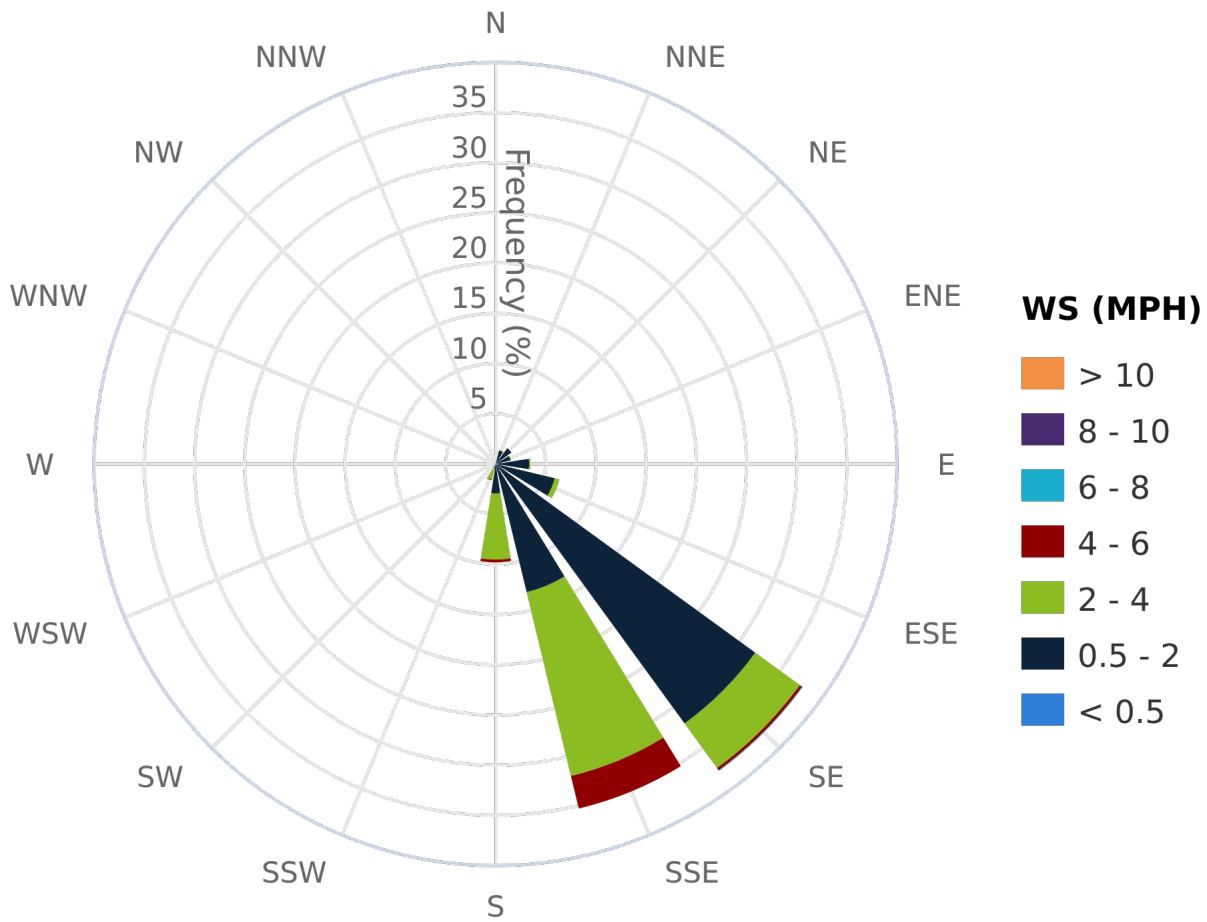


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

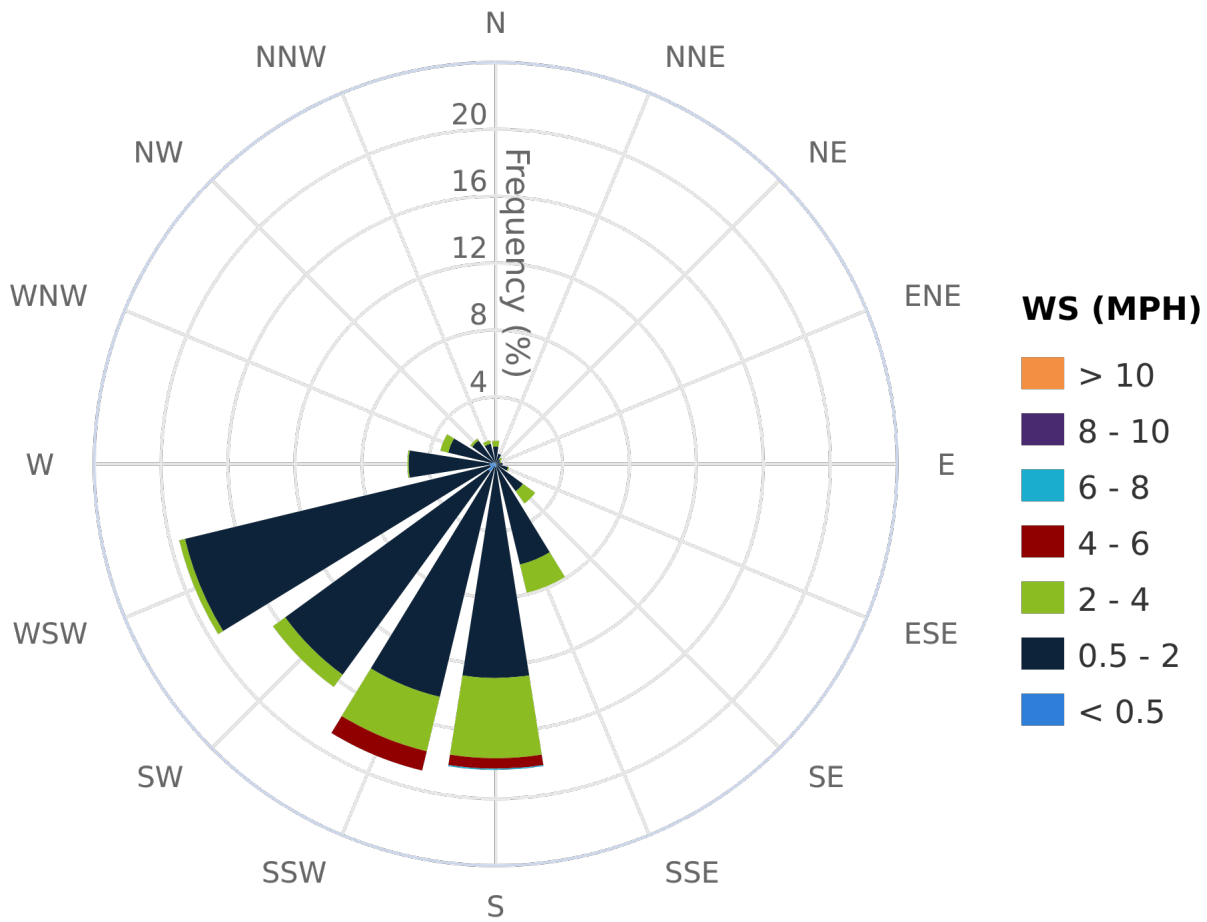


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

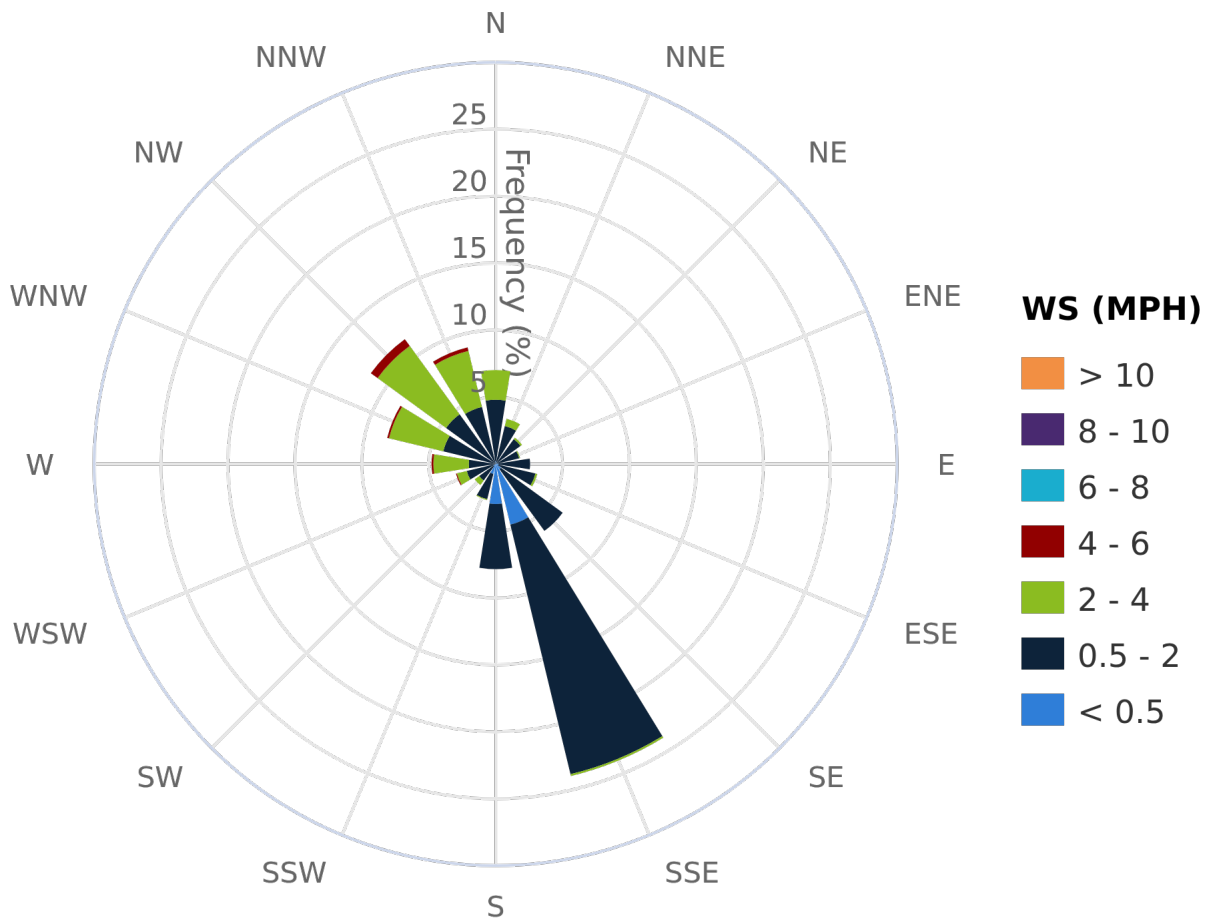


Figure 3 : Wind Rose Chart (WS in MPH)



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Florence C&D Landfill – Air Monitoring

Date : 2026-05-07

Wind Rose Chart 2997

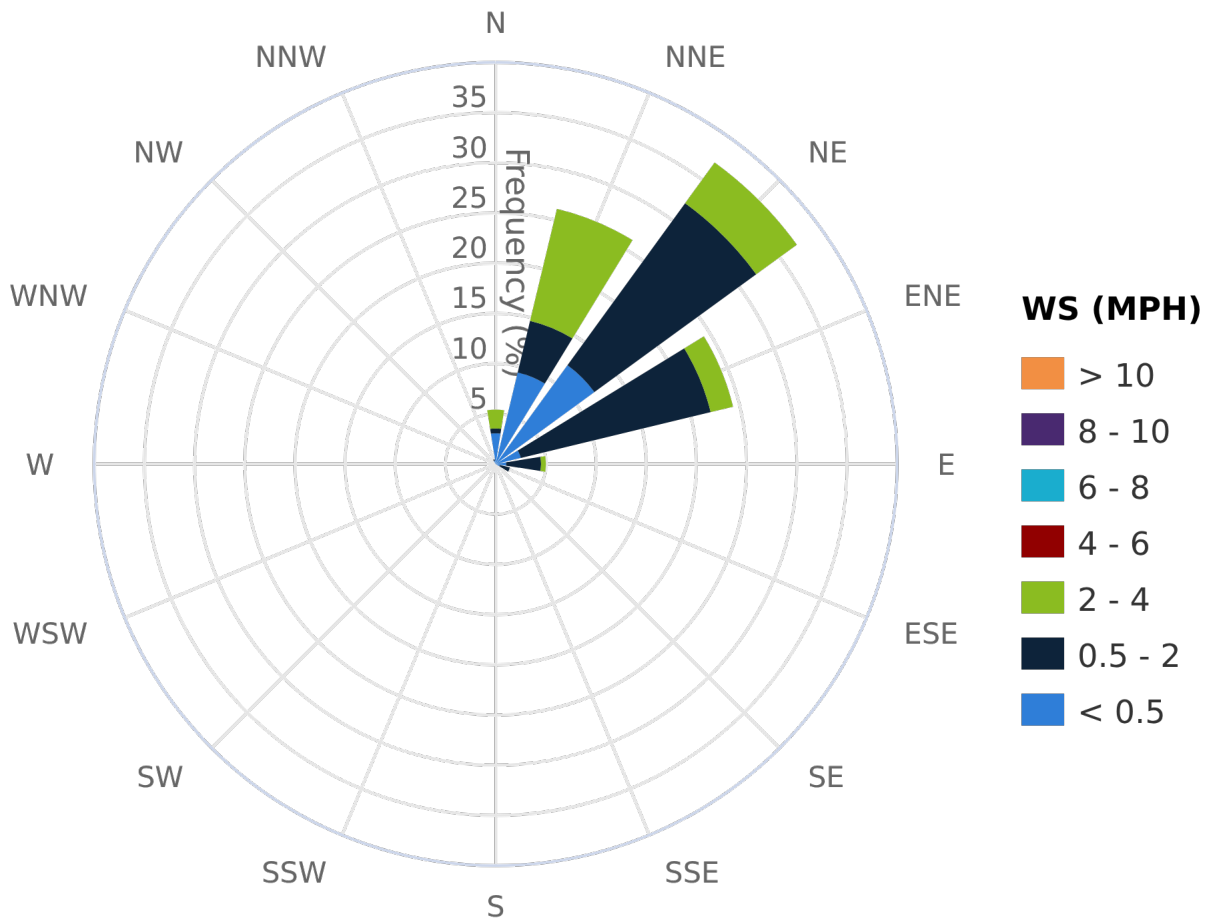


Figure 3 : Wind Rose Chart (WS in MPH)



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Date : 2026-05-07

**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	14.0	12.3	14.4	13.2	7.1	6.7	6.7	6.3	0.094	0.009	0.108	0.024
00:15:00	12.9	12.3	14.7	12.3	6.9	6.8	6.6	6.3	0.079	0.007	0.096	0.017
00:30:00	11.5	12.3	14.6	13.5	6.5	6.7	6.7	6.3	0.071	0.006	0.087	0.007
00:45:00	13.1	12.5	17.7	12.5	7.0	6.8	6.5	7.1	0.061	0.006	0.079	0.003
01:00:00	15.3	12.4	19.4	11.2	7.6	6.7	6.4	7.2	0.043	0.004	0.066	0.000
01:15:00	15.4	13.1	15.7	13.2	7.7	7.1	7.0	6.6	0.024	0.003	0.060	0.000
01:30:00	15.1	12.9	15.0	12.8	7.7	7.0	7.0	6.7	0.006	0.002	0.049	0.000
01:45:00	14.9	12.8	14.1	12.3	7.7	7.0	6.9	6.5	0.000	0.001	0.041	0.000
02:00:00	15.3	12.7	13.8	12.3	8.0	6.9	6.8	6.4	0.000	0.000	0.032	0.000
02:15:00	15.0	12.3	12.0	11.8	8.0	6.9	6.8	6.2	0.000	0.000	0.027	0.000
02:30:00	14.8	12.3	13.1	12.1	8.1	7.0	6.9	6.4	0.000	0.000	0.023	0.000
02:45:00	13.6	12.4	12.9	12.7	7.4	7.0	7.1	6.0	0.000	0.000	0.022	0.000
03:00:00	14.0	12.4	12.2	12.0	7.7	6.9	6.9	5.8	0.000	0.000	0.018	0.000
03:15:00	14.7	12.8	12.7	11.7	7.9	7.0	6.7	5.8	0.000	0.000	0.015	0.000
03:30:00	14.8	12.9	11.8	11.4	8.0	7.0	6.6	5.6	0.000	0.000	0.010	0.000
03:45:00	14.4	12.5	11.3	11.8	7.9	7.1	6.8	5.3	0.000	0.000	0.006	0.000
04:00:00	13.1	12.1	12.3	11.6	7.3	7.1	6.8	5.4	0.000	0.000	0.001	0.000
04:15:00	11.7	11.7	10.6	11.2	6.8	6.9	6.6	5.2	0.000	0.000	0.000	0.000
04:30:00	11.4	11.3	10.0	10.4	6.6	6.7	6.2	5.1	0.000	0.000	0.000	0.000
04:45:00	10.8	11.0	10.3	10.2	6.5	6.6	5.9	5.2	0.000	0.000	0.000	0.000
05:00:00	10.9	10.6	10.6	11.6	6.3	6.6	6.2	5.1	0.000	0.000	0.000	0.000
05:15:00	12.7	10.4	10.0	10.5	7.3	6.4	5.7	5.0	0.000	0.000	0.000	0.000
05:30:00	11.3	10.4	9.3	8.8	6.6	6.5	5.6	5.0	0.000	0.000	0.000	0.000
05:45:00	10.8	10.2	9.4	8.7	6.3	6.3	5.4	4.8	0.000	0.000	0.000	0.000
06:00:00	9.0	9.9	9.5	8.7	5.4	6.1	5.1	4.8	0.000	0.000	0.000	0.000
06:15:00	9.0	10.0	9.6	8.5	5.4	6.2	5.1	5.1	0.000	0.000	0.000	0.000
06:30:00	8.8	8.9	11.4	8.3	5.4	5.8	5.2	5.0	0.000	0.000	0.000	0.000
06:45:00	8.1	8.6	9.7	8.5	5.2	5.4	5.0	4.8	0.000	0.000	0.000	0.000
07:00:00	7.9	9.6	9.9	8.6	5.1	5.5	5.0	4.8	0.000	0.000	0.000	0.000
07:15:00	8.3	9.1	9.7	8.3	5.2	5.3	4.9	4.7	0.000	0.000	0.000	0.000
07:30:00	8.4	9.8	10.7	16.6	5.2	5.6	6.3	5.2	0.000	0.000	0.000	0.000
07:45:00	12.0	9.7	16.5	11.9	5.8	5.5	5.7	6.0	0.000	0.000	0.000	0.000
08:00:00	13.5	10.6	10.8	26.8	6.8	6.2	8.2	5.1	0.000	0.000	0.000	0.000
08:15:00	14.9	12.7	15.2	13.7	8.3	7.1	7.2	6.8	0.000	0.000	0.000	0.000
08:30:00	15.8	13.7	14.3	13.8	8.3	7.7	7.8	7.5	0.000	0.000	0.000	0.000
08:45:00	15.3	13.8	14.2	13.5	8.2	7.6	7.7	7.9	0.000	0.000	0.000	0.000
09:00:00	14.9	13.4	12.4	13.0	7.7	7.2	7.2	6.9	0.000	0.000	0.000	0.000
09:15:00	12.5	11.1	12.6	11.6	6.6	6.1	6.4	6.8	0.000	0.000	0.000	0.000
09:30:00	10.8	9.8	10.2	10.2	5.8	5.5	5.5	5.7	0.002	0.000	0.000	0.000
09:45:00	10.2	9.3	9.3	9.2	5.4	5.1	5.1	5.2	0.001	0.000	0.000	0.006
10:00:00	9.8	8.8	8.9	9.4	5.3	5.0	5.0	4.9	0.000	0.000	0.000	0.004
10:15:00	8.9	8.2	9.6	9.3	4.8	4.6	4.8	4.9	0.000	0.000	0.000	0.000
10:30:00	9.5	8.6	12.2	9.5	4.9	4.7	4.9	5.1	0.000	0.000	0.000	0.000
10:45:00	9.3	8.0	11.2	9.7	4.6	4.3	4.8	4.9	0.000	0.000	0.000	0.000
11:00:00	10.9	10.2	9.2	9.3	4.7	4.7	4.6	4.4	0.000	0.000	0.000	0.000
11:15:00	11.1	11.1	10.0	11.2	4.9	4.8	5.0	4.6	0.000	0.000	0.000	0.000
11:30:00	10.0	9.4	13.1	9.9	4.8	4.8	4.9	5.0	0.000	0.000	0.000	0.000
11:45:00	9.8	8.9	9.0	9.3	5.0	4.9	5.0	4.6	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	12.2	12.1	10.2	10.5	5.4	5.3	5.3	5.0	0.000	0.000	0.000	0.000
12:15:00	15.2	10.3	10.9	11.1	5.8	5.4	5.7	5.3	0.000	0.000	0.000	0.000
12:30:00	12.2	11.5	15.9	11.7	6.2	6.1	6.3	6.7	0.000	0.000	0.000	0.000
12:45:00	11.3	10.3	10.2	10.3	5.6	5.7	5.5	5.5	0.000	0.000	0.000	0.000
13:00:00	31.2	10.3	9.8	10.9	7.1	5.7	5.9	5.3	0.000	0.000	0.000	0.000
13:15:00	11.3	10.1	12.5	10.7	5.6	5.5	5.8	5.6	0.000	0.000	0.000	0.000
13:30:00	36.2	9.8	14.3	11.2	8.7	5.3	5.8	5.9	0.000	0.000	0.000	0.000
13:45:00	50.8	11.4	12.8	11.7	10.0	5.8	6.0	5.6	0.000	0.000	0.000	0.000
14:00:00	13.6	11.3	12.6	11.7	5.6	5.4	5.7	5.3	0.000	0.000	0.000	0.000
14:15:00	12.7	10.9	13.1	13.2	5.2	5.1	5.7	5.3	0.000	0.000	0.000	0.000
14:30:00	11.4	10.3	9.8	11.0	5.0	4.9	5.3	4.6	0.000	0.000	0.000	0.000
14:45:00	14.8	9.3	16.2	9.7	5.0	4.6	4.8	5.4	0.000	0.000	0.000	0.000
15:00:00	14.8	9.4	16.0	11.0	5.3	4.6	5.1	5.4	0.000	0.000	0.000	0.000
15:15:00	12.5	10.2	12.7	11.6	5.1	4.8	5.2	5.0	0.000	0.000	0.000	0.000
15:30:00	11.8	9.8	12.4	9.8	4.7	4.8	4.7	4.8	0.000	0.000	0.000	0.000
15:45:00	9.6	8.9	9.5	11.1	4.5	4.6	4.9	4.4	0.000	0.000	0.000	0.000
16:00:00	10.8	9.7	10.0	10.6	5.2	5.0	5.3	4.9	0.000	0.000	0.000	0.000
16:15:00	99.6	11.1	21.0	11.6	16.0	5.7	5.9	7.6	0.000	0.000	0.000	0.000
16:30:00	12.9	11.8	21.9	11.2	6.0	6.1	6.0	7.5	0.000	0.000	0.000	0.000
16:45:00	38.0	11.4	15.3	10.4	9.4	5.9	5.8	6.1	0.000	0.000	0.000	0.000
17:00:00	19.4	11.4	12.3	11.4	6.9	6.0	6.1	5.9	0.000	0.000	0.000	0.000
17:15:00	12.9	11.7	11.2	11.5	6.2	6.1	6.3	5.9	0.000	0.009	0.000	0.000
17:30:00	12.0	11.3	13.1	11.5	6.2	6.1	6.3	6.3	0.000	0.014	0.000	0.014
17:45:00	20.5	11.5	12.0	12.2	7.5	6.3	6.5	6.2	0.023	0.022	0.000	0.049
18:00:00	35.5	10.5	11.6	10.7	10.7	5.8	6.0	5.9	0.044	0.023	0.000	0.057
18:15:00	10.7	9.9	10.6	9.6	5.5	5.5	5.4	5.4	0.047	0.022	0.000	0.051
18:30:00	12.5	10.6	9.7	10.5	5.7	5.5	5.5	5.1	0.063	0.023	0.000	0.039
18:45:00	11.1	10.5	10.3	10.0	5.7	5.6	5.5	5.4	0.120	0.029	0.000	0.067
19:00:00	33.4	9.6	10.7	10.0	7.8	5.3	5.4	5.3	0.133	0.029	0.000	0.080
19:15:00	12.0	8.9	10.2	9.1	5.2	4.9	5.0	4.9	0.140	0.027	0.002	0.081
19:30:00	11.5	9.2	10.1	10.0	5.3	5.0	5.2	5.0	0.164	0.028	0.043	0.093
19:45:00	12.8	9.8	10.0	10.0	5.8	5.4	5.6	5.4	0.194	0.029	0.096	0.112
20:00:00	11.1	11.1	10.2	10.6	6.0	5.8	6.0	5.6	0.218	0.031	0.133	0.122
20:15:00	20.3	11.0	10.3	10.9	7.0	6.1	6.2	5.8	0.224	0.031	0.148	0.123
20:30:00	11.9	10.7	10.7	10.6	6.3	6.1	6.2	6.0	0.222	0.029	0.156	0.120
20:45:00	15.3	10.6	10.1	10.7	6.7	6.2	6.4	6.1	0.217	0.027	0.159	0.115
21:00:00	11.5	11.0	10.3	11.0	6.5	6.4	6.5	6.3	0.207	0.024	0.154	0.106
21:15:00	11.7	11.2	14.6	11.3	6.6	6.6	6.7	7.0	0.191	0.022	0.145	0.094
21:30:00	13.0	11.5	13.4	11.5	6.9	6.9	6.8	6.9	0.174	0.020	0.136	0.083
21:45:00	11.9	11.3	11.1	11.3	7.1	6.9	6.9	6.7	0.159	0.017	0.124	0.073
22:00:00	12.6	11.6	12.6	11.7	7.2	6.8	7.1	7.1	0.144	0.016	0.112	0.062
22:15:00	13.5	12.1	11.9	12.5	7.5	7.3	7.4	7.1	0.129	0.013	0.101	0.051
22:30:00	13.1	12.3	12.5	12.6	7.6	7.5	7.5	7.4	0.109	0.011	0.091	0.041
22:45:00	12.7	12.3	12.0	12.3	7.4	7.4	7.4	7.3	0.092	0.009	0.078	0.030
23:00:00	13.0	12.1	11.9	12.4	7.5	7.3	7.5	7.3	0.075	0.007	0.067	0.020
23:15:00	13.1	12.6	12.4	12.7	7.5	7.4	7.6	7.4	0.066	0.007	0.058	0.008
23:30:00	13.3	12.4	12.3	12.6	7.5	7.4	7.5	7.5	0.051	0.006	0.050	0.003
23:45:00	13.4	12.9	12.4	13.3	7.6	7.4	7.7	7.5	0.042	0.005	0.043	0.000



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

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