



# DAILY AIR MONITORING REPORT

## Florence C&D Landfill – Air Monitoring

Date : 2026-07-01

**Table 1 : Weather Summary**

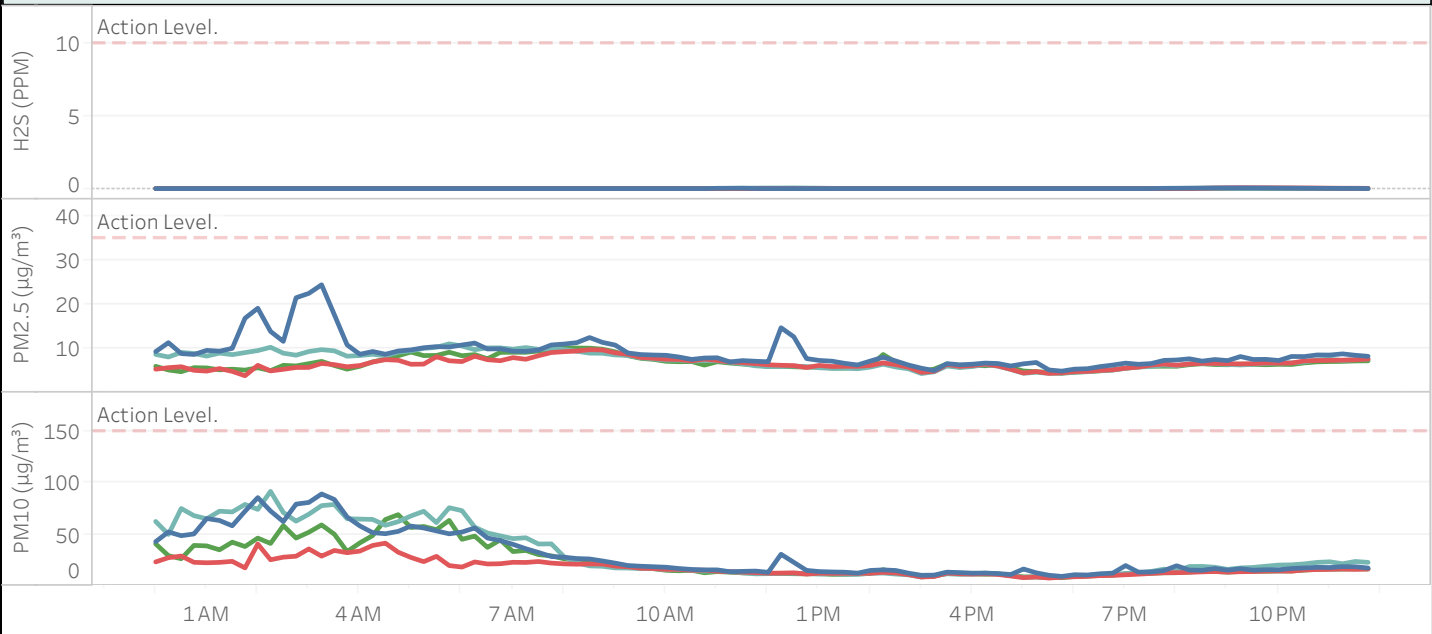
Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.157 to 5.727	2943 SE	3061 SW	2996 SE	2997 N	Min : 71.78 Max : 100.2	Min : 45.50 Max : 90.90	Min : 26.64 Max : 30.28

**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	29.7	88.9	9.1	24.4	0.006	0.049
2996	17.8	41.3	6.5	9.7	0.006	0.061
2997	31.3	91.4	7.4	11.0	0.003	0.048
3061	23.9	68.9	6.7	10.1	0.001	0.005



**Figure 1 : Monitoring Locations**



**Figure 2 : 15 Minutes Average Concentrations**

■ 2943      ■ 2996      ■ 2997      ■ 3061



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Wind Rose Chart 2943

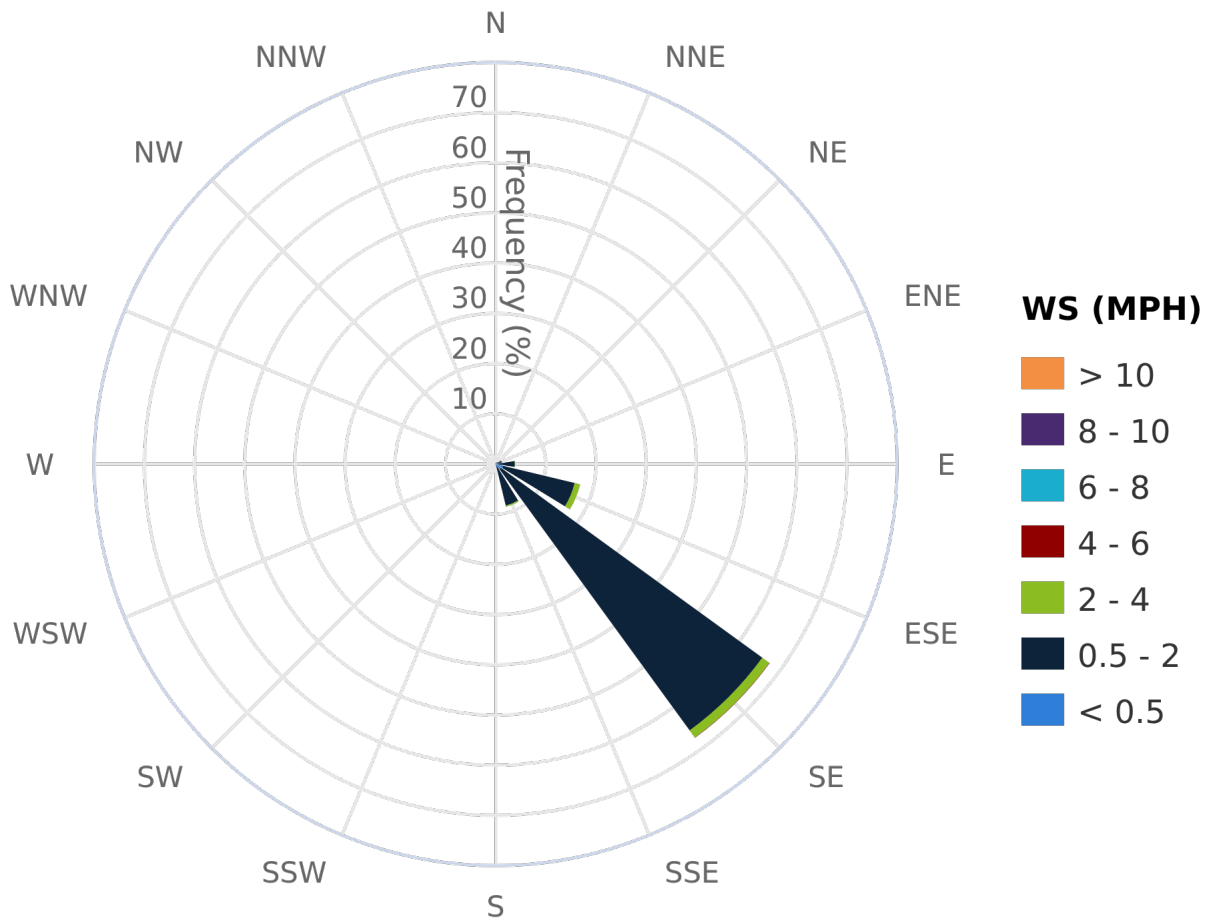


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

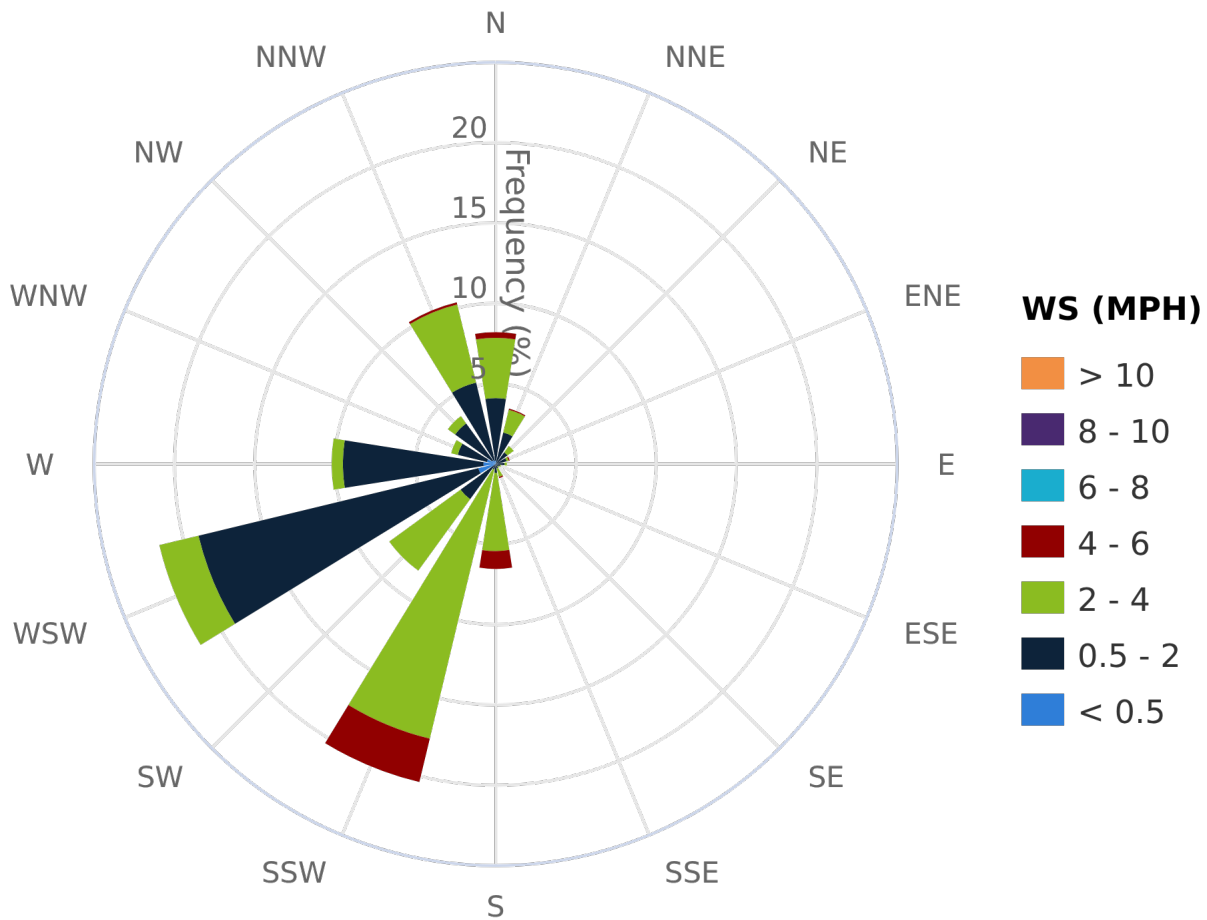


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

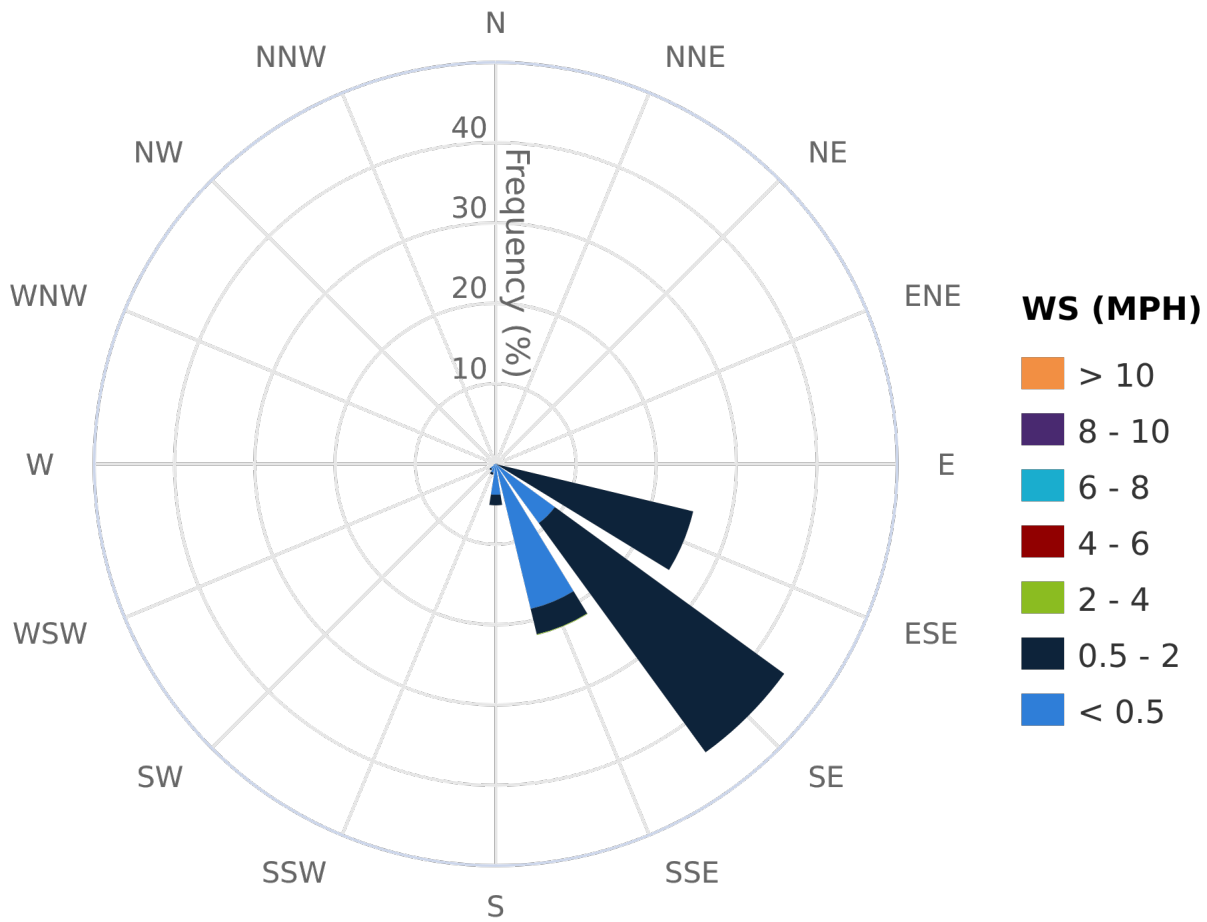


Figure 3 : Wind Rose Chart (WS in MPH)



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Florence C&D Landfill – Air Monitoring

Date : 2026-07-01

Wind Rose Chart 2997

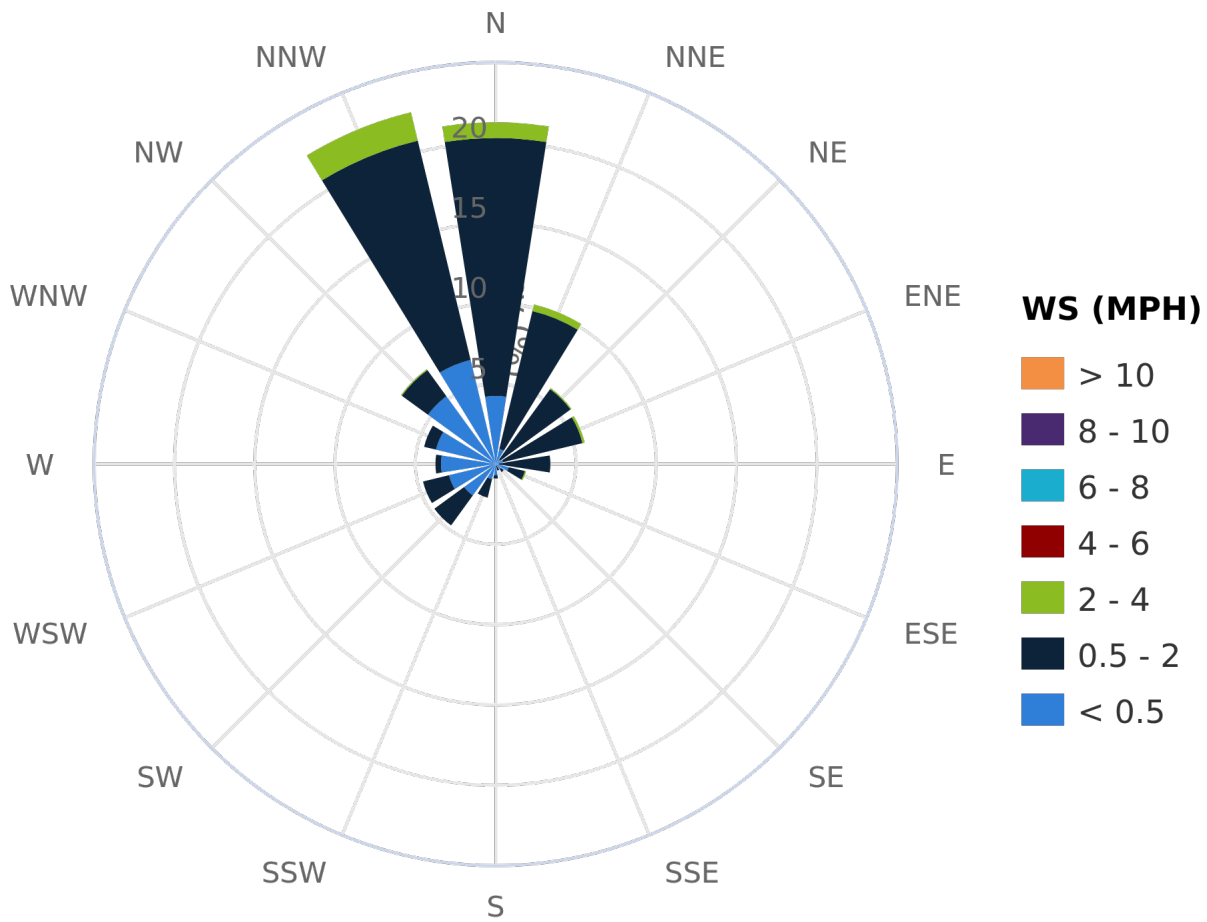


Figure 3 : Wind Rose Chart (WS in MPH)



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Date : 2026-07-01

**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	42.8	40.6	62.3	23.1	9.3	6.0	5.3	8.6	0.000	0.000	0.000	0.000
00:15:00	52.1	29.1	49.7	27.2	11.3	5.1	5.6	8.1	0.000	0.002	0.000	0.000
00:30:00	48.5	26.2	74.8	28.8	8.8	4.7	5.9	9.1	0.000	0.005	0.000	0.000
00:45:00	50.2	39.1	67.9	22.7	8.6	5.6	5.0	8.8	0.000	0.003	0.000	0.000
01:00:00	65.1	38.6	64.9	22.3	9.6	5.6	4.9	8.3	0.000	0.003	0.000	0.000
01:15:00	63.2	34.8	72.2	22.6	9.4	5.2	5.4	8.9	0.000	0.002	0.000	0.000
01:30:00	58.1	42.2	71.5	23.7	10.0	5.3	4.8	8.6	0.000	0.001	0.000	0.000
01:45:00	72.2	38.0	78.8	17.3	16.8	5.1	3.8	9.1	0.000	0.001	0.000	0.000
02:00:00	85.4	46.2	74.0	40.4	19.1	5.6	6.2	9.5	0.000	0.001	0.000	0.000
02:15:00	72.4	41.0	91.4	25.2	13.8	5.0	4.9	10.3	0.000	0.001	0.000	0.000
02:30:00	62.1	58.3	70.9	27.7	11.6	6.2	5.3	8.9	0.000	0.001	0.000	0.000
02:45:00	79.1	46.2	62.6	28.6	21.4	6.0	5.7	8.5	0.000	0.000	0.000	0.000
03:00:00	80.7	51.8	69.3	35.7	22.4	6.5	5.7	9.3	0.000	0.000	0.000	0.000
03:15:00	88.9	58.9	77.6	28.7	24.4	7.1	6.6	9.7	0.000	0.000	0.000	0.000
03:30:00	83.6	49.9	78.7	34.2	17.6	6.1	6.3	9.4	0.000	0.000	0.000	0.000
03:45:00	66.6	33.1	65.0	32.0	10.8	5.3	5.8	8.2	0.000	0.001	0.000	0.000
04:00:00	57.9	41.5	64.6	33.6	8.7	6.0	6.1	8.4	0.000	0.001	0.000	0.000
04:15:00	51.5	48.6	64.3	39.0	9.3	7.0	6.9	8.7	0.000	0.000	0.000	0.000
04:30:00	50.4	64.2	58.6	41.3	8.7	7.6	7.4	8.3	0.000	0.000	0.000	0.000
04:45:00	52.7	68.9	62.1	32.5	9.4	8.3	7.3	9.2	0.000	0.000	0.000	0.000
05:00:00	57.8	56.4	67.6	27.4	9.7	9.2	6.4	9.4	0.000	0.000	0.000	0.000
05:15:00	56.0	57.4	72.1	23.3	10.1	8.4	6.4	10.0	0.000	0.000	0.000	0.000
05:30:00	53.1	54.3	61.2	28.5	10.4	8.4	8.1	10.2	0.000	0.000	0.000	0.000
05:45:00	50.3	63.3	75.6	19.5	10.3	9.1	7.2	11.0	0.000	0.000	0.000	0.000
06:00:00	52.0	45.0	72.8	18.1	10.8	8.3	7.0	10.5	0.000	0.000	0.000	0.000
06:15:00	56.0	48.1	56.7	23.1	11.2	8.6	8.2	9.7	0.000	0.000	0.000	0.000
06:30:00	46.3	37.2	51.1	21.1	9.9	7.7	7.4	10.1	0.000	0.000	0.000	0.000
06:45:00	43.8	44.4	48.3	21.3	9.9	9.1	7.2	10.1	0.000	0.000	0.000	0.000
07:00:00	40.1	33.1	45.7	22.7	9.4	9.1	7.9	9.8	0.000	0.000	0.000	0.000
07:15:00	35.9	34.2	46.5	22.6	9.3	9.1	7.5	10.2	0.000	0.000	0.000	0.000
07:30:00	32.2	30.1	40.4	23.5	9.6	9.4	8.3	9.8	0.000	0.000	0.000	0.000
07:45:00	28.3	29.0	40.6	22.0	10.8	9.8	9.1	10.0	0.000	0.000	0.000	0.000
08:00:00	27.7	26.1	28.1	21.2	11.0	10.1	9.3	9.7	0.000	0.000	0.000	0.000
08:15:00	26.4	25.0	22.2	20.9	11.3	10.1	9.4	9.3	0.000	0.000	0.000	0.000
08:30:00	26.0	23.6	19.3	21.2	12.5	10.1	9.7	8.9	0.000	0.000	0.000	0.000
08:45:00	24.0	22.4	18.9	21.1	11.4	9.8	9.7	8.9	0.000	0.000	0.000	0.000
09:00:00	22.0	20.5	17.3	19.1	10.8	9.2	9.0	8.5	0.000	0.000	0.000	0.000
09:15:00	19.6	18.2	17.1	18.4	9.0	8.4	8.7	8.4	0.000	0.000	0.000	0.000
09:30:00	18.9	17.0	16.6	17.0	8.6	7.8	8.0	7.9	0.000	0.000	0.000	0.000
09:45:00	18.4	16.6	16.6	16.7	8.5	7.5	7.8	7.6	0.000	0.000	0.000	0.000
10:00:00	17.9	15.0	15.6	15.9	8.4	7.1	7.5	7.4	0.000	0.001	0.000	0.000
10:15:00	16.7	14.5	15.7	15.9	8.1	7.0	7.5	7.4	0.000	0.001	0.000	0.000
10:30:00	15.8	15.0	15.0	15.0	7.5	7.0	7.2	7.1	0.000	0.002	0.000	0.000
10:45:00	15.4	12.6	14.2	15.1	7.8	6.2	7.6	7.3	0.002	0.002	0.000	0.000
11:00:00	15.4	13.7	14.4	14.2	7.9	7.0	7.3	7.2	0.021	0.002	0.002	0.008
11:15:00	13.6	13.2	13.7	13.5	6.9	6.7	6.9	6.9	0.023	0.000	0.003	0.021
11:30:00	14.0	12.5	12.5	13.2	7.2	6.5	6.8	6.5	0.027	0.000	0.005	0.028
11:45:00	14.2	12.4	11.5	12.7	7.1	6.3	6.5	6.1	0.007	0.000	0.003	0.036



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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	13.0	11.8	11.7	12.2	7.0	5.9	6.3	5.9	0.000	0.000	0.000	0.041
12:15:00	30.5	11.9	12.0	12.3	14.7	5.9	6.2	5.9	0.000	0.000	0.000	0.043
12:30:00	22.7	11.7	12.1	12.5	12.6	5.8	6.1	6.0	0.000	0.000	0.000	0.048
12:45:00	14.9	11.5	12.1	11.3	7.7	5.8	5.7	5.9	0.000	0.000	0.000	0.037
13:00:00	13.7	11.7	11.3	12.2	7.3	5.8	6.1	5.6	0.000	0.000	0.000	0.031
13:15:00	13.4	11.0	11.7	11.9	7.1	5.6	5.9	5.5	0.000	0.000	0.000	0.020
13:30:00	13.1	11.1	11.1	12.0	6.6	5.5	6.0	5.5	0.000	0.000	0.000	0.001
13:45:00	12.2	11.4	11.2	12.0	6.3	5.8	5.9	5.4	0.000	0.000	0.000	0.000
14:00:00	14.8	11.9	12.0	12.1	7.1	6.0	6.1	5.8	0.000	0.000	0.000	0.000
14:15:00	15.4	15.5	12.3	13.0	8.0	8.6	6.7	6.4	0.000	0.000	0.000	0.000
14:30:00	14.8	13.1	11.3	12.4	7.1	6.9	6.3	5.8	0.000	0.000	0.000	0.000
14:45:00	12.2	11.3	10.5	10.8	6.2	5.8	5.7	5.4	0.000	0.000	0.000	0.000
15:00:00	10.1	9.1	8.4	8.5	5.5	4.7	4.6	4.3	0.000	0.000	0.000	0.000
15:15:00	10.3	9.5	9.8	8.9	5.0	5.3	4.8	4.7	0.000	0.000	0.000	0.000
15:30:00	13.2	11.8	11.6	12.3	6.6	6.5	6.4	6.0	0.000	0.000	0.000	0.000
15:45:00	12.8	11.5	11.1	11.6	6.3	5.9	5.9	5.7	0.000	0.000	0.000	0.000
16:00:00	12.2	11.5	11.4	11.3	6.4	6.2	6.1	5.9	0.000	0.000	0.000	0.000
16:15:00	12.3	11.1	12.3	11.6	6.7	6.1	6.4	6.4	0.000	0.000	0.000	0.000
16:30:00	11.9	11.5	11.2	11.0	6.6	6.3	6.0	6.0	0.000	0.000	0.000	0.000
16:45:00	10.9	10.0	9.8	9.4	6.0	5.7	5.3	5.2	0.000	0.000	0.000	0.000
17:00:00	16.2	8.6	8.2	7.8	6.5	4.9	4.4	4.4	0.000	0.000	0.000	0.000
17:15:00	12.5	8.6	8.6	8.5	6.8	4.7	4.8	4.6	0.000	0.000	0.000	0.000
17:30:00	10.2	8.0	8.0	7.5	5.1	4.6	4.4	4.3	0.000	0.000	0.000	0.000
17:45:00	9.1	7.8	8.7	8.3	4.9	4.4	4.5	4.4	0.000	0.000	0.000	0.000
18:00:00	10.7	9.0	9.6	8.7	5.3	4.6	4.8	4.6	0.000	0.000	0.000	0.000
18:15:00	10.4	9.5	9.9	9.1	5.4	4.8	4.8	4.7	0.000	0.000	0.000	0.000
18:30:00	11.6	9.9	11.1	9.8	5.9	4.9	5.0	5.0	0.000	0.000	0.000	0.000
18:45:00	12.3	10.4	10.9	10.0	6.2	5.1	5.2	5.1	0.000	0.000	0.000	0.000
19:00:00	19.6	11.3	12.0	10.6	6.7	5.5	5.5	5.5	0.000	0.000	0.000	0.000
19:15:00	13.3	12.0	12.5	11.2	6.4	5.8	5.8	5.8	0.000	0.000	0.000	0.000
19:30:00	13.4	12.1	13.9	11.9	6.6	6.0	6.2	5.9	0.006	0.000	0.000	0.002
19:45:00	14.7	12.6	16.1	12.6	7.3	6.0	6.5	6.2	0.021	0.002	0.000	0.002
20:00:00	19.4	12.6	14.4	12.7	7.4	6.0	6.2	6.1	0.025	0.001	0.000	0.000
20:15:00	15.2	13.4	18.7	13.0	7.6	6.3	6.5	6.5	0.033	0.002	0.003	0.005
20:30:00	15.0	14.0	18.7	13.5	7.1	6.5	6.6	6.7	0.041	0.003	0.023	0.003
20:45:00	16.7	13.8	17.9	13.8	7.5	6.4	6.6	6.6	0.048	0.003	0.041	0.002
21:00:00	15.1	13.2	15.9	13.2	7.2	6.3	6.5	6.4	0.047	0.003	0.055	0.001
21:15:00	16.5	13.8	17.3	13.6	8.2	6.4	6.5	6.3	0.049	0.003	0.061	0.000
21:30:00	15.1	14.1	17.8	13.8	7.5	6.4	6.6	6.4	0.044	0.003	0.060	0.000
21:45:00	15.5	14.0	19.0	14.2	7.5	6.3	6.7	6.6	0.042	0.002	0.056	0.000
22:00:00	15.5	14.3	20.1	14.3	7.3	6.4	6.7	6.7	0.035	0.002	0.054	0.000
22:15:00	16.7	14.3	20.3	14.2	8.2	6.4	6.7	6.7	0.034	0.001	0.049	0.000
22:30:00	17.2	15.2	21.2	15.3	8.1	6.7	7.2	6.9	0.026	0.001	0.044	0.000
22:45:00	17.9	15.8	22.6	15.7	8.5	7.0	7.2	7.4	0.021	0.001	0.039	0.000
23:00:00	17.7	16.1	23.2	15.9	8.5	7.0	7.3	7.5	0.017	0.000	0.031	0.000
23:15:00	18.6	16.1	21.3	16.2	8.8	7.1	7.3	7.3	0.014	0.000	0.025	0.000
23:30:00	18.4	16.4	23.5	15.9	8.4	7.2	7.4	7.5	0.012	0.000	0.023	0.000
23:45:00	17.2	16.2	22.7	16.2	8.2	7.2	7.6	7.6	0.006	0.000	0.018	0.000



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

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