



# DAILY AIR MONITORING REPORT

## Florence C&D Landfill – Air Monitoring

Date : 2026-05-26

**Table 1 : Weather Summary**

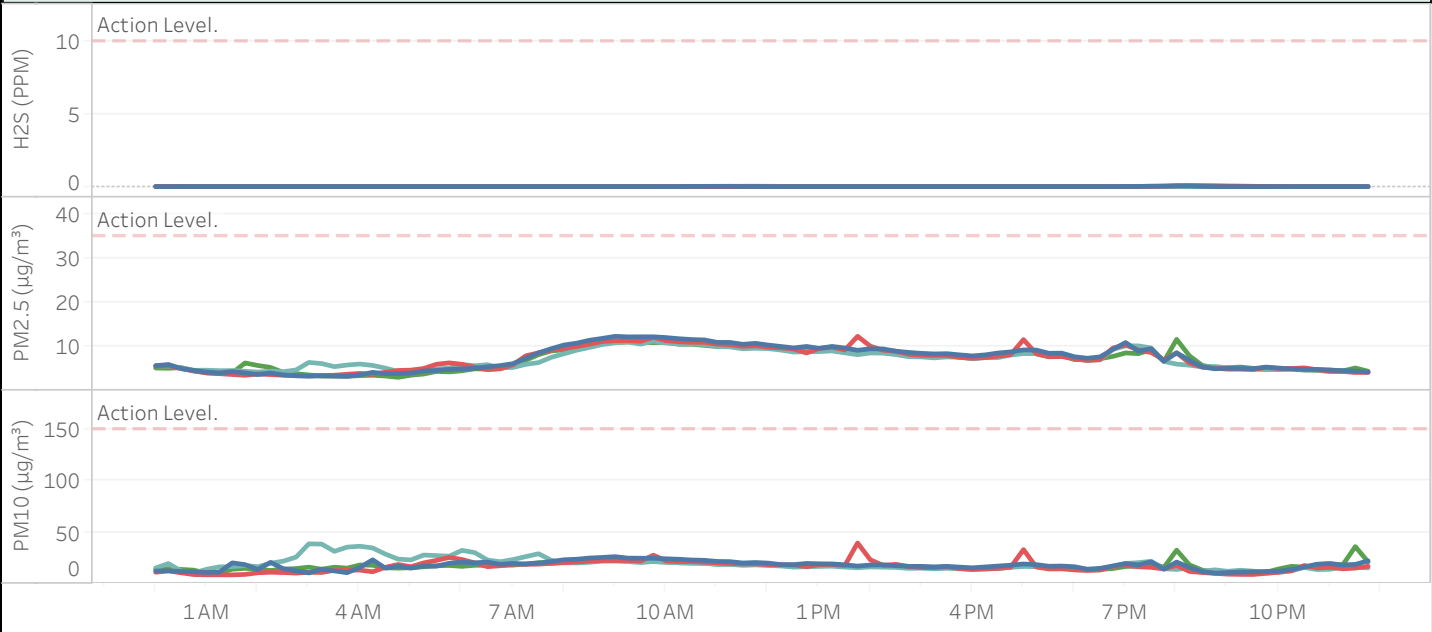
Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.134 to 8.523	2943 SSE	3061 SSW	2996 SE	2997 NE	Min : 71.06 Max : 101.1	Min : 42.60 Max : 90.80	Min : 29.86 Max : 30.23

**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	17.7	26.2	7.3	12.3	0.003	0.054
2996	16.5	39.5	7.1	12.3	0.005	0.072
2997	19.2	38.7	7.0	11.2	0.003	0.027
3061	17.0	36.0	6.9	11.6	0.001	0.011



**Figure 1 : Monitoring Locations**



**Figure 2 : 15 Minutes Average Concentrations**

■ 2943      ■ 2996      ■ 2997      ■ 3061



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Wind Rose Chart 2943

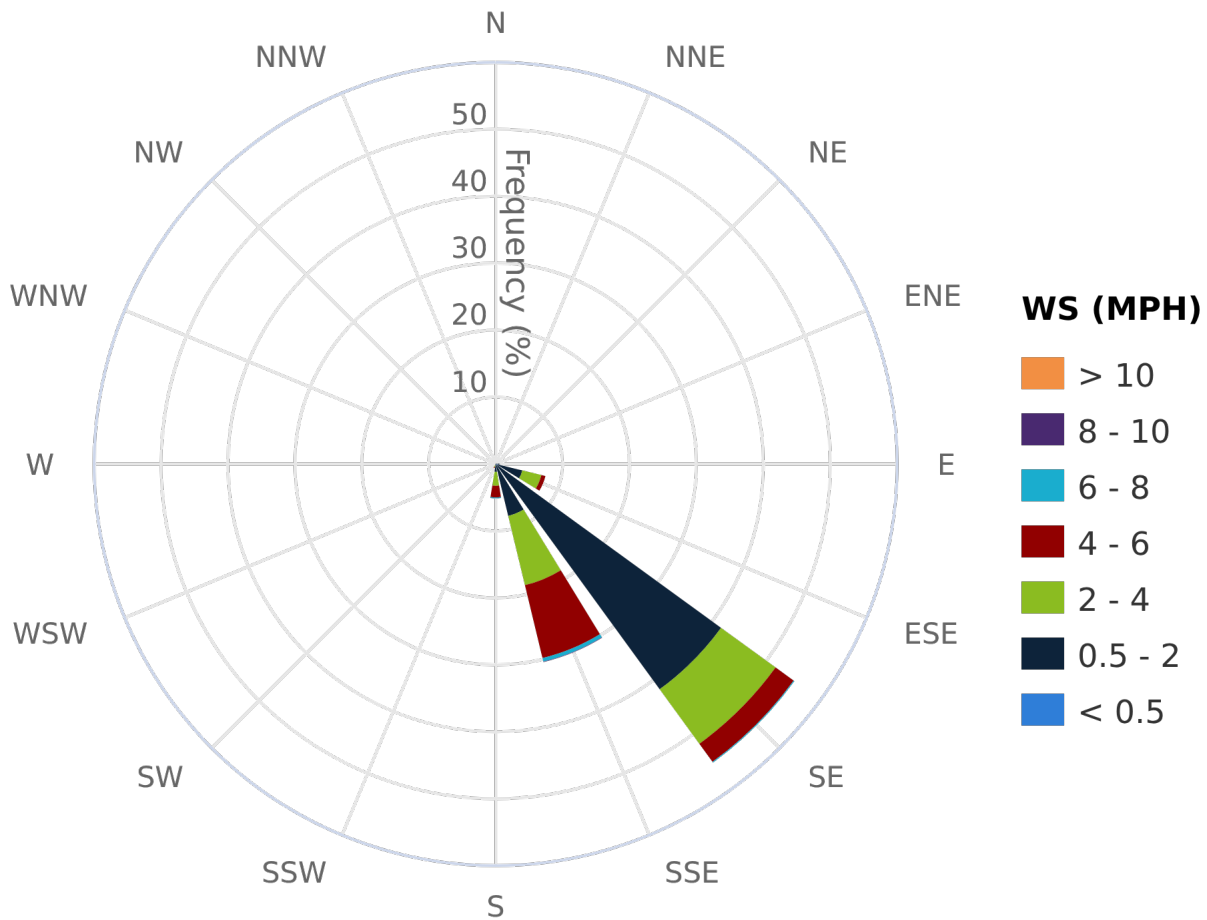


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

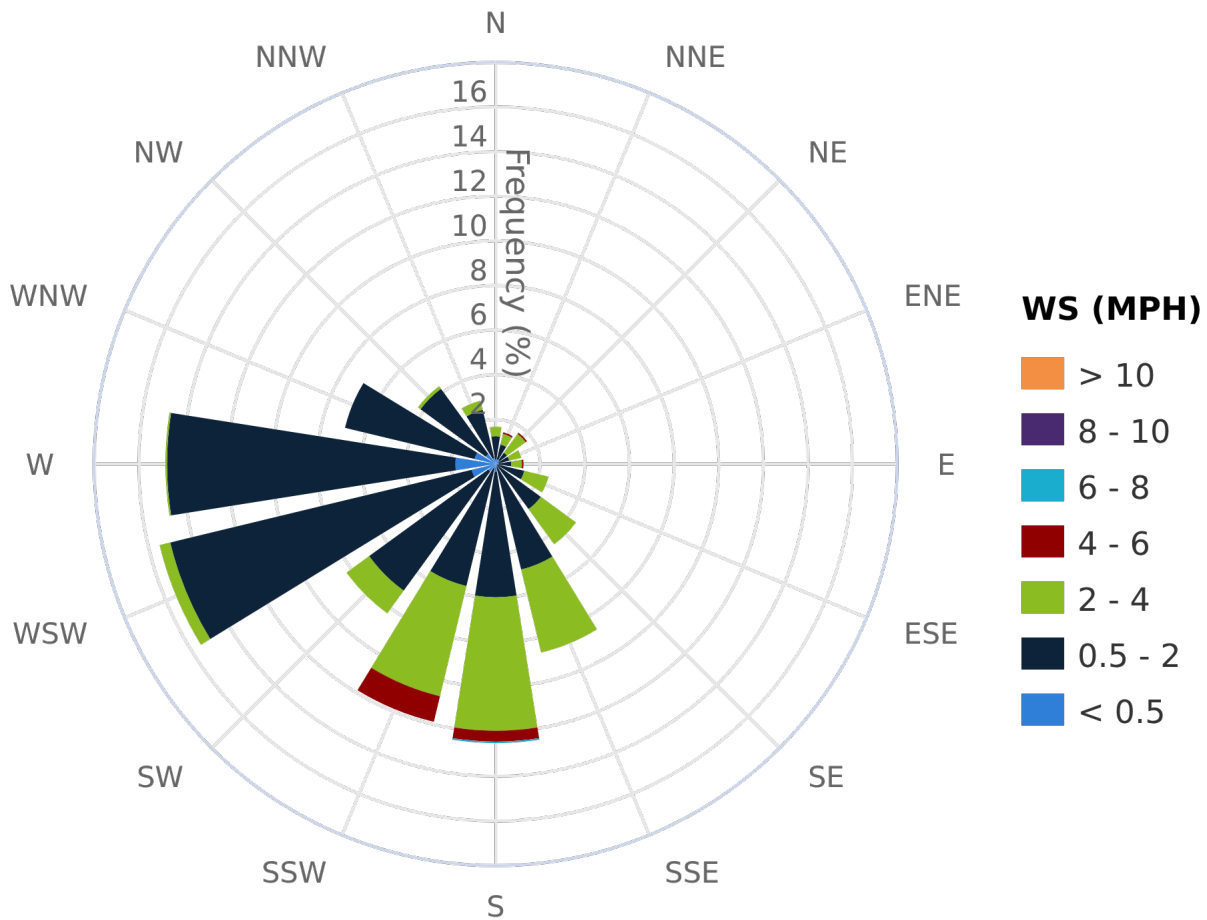


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

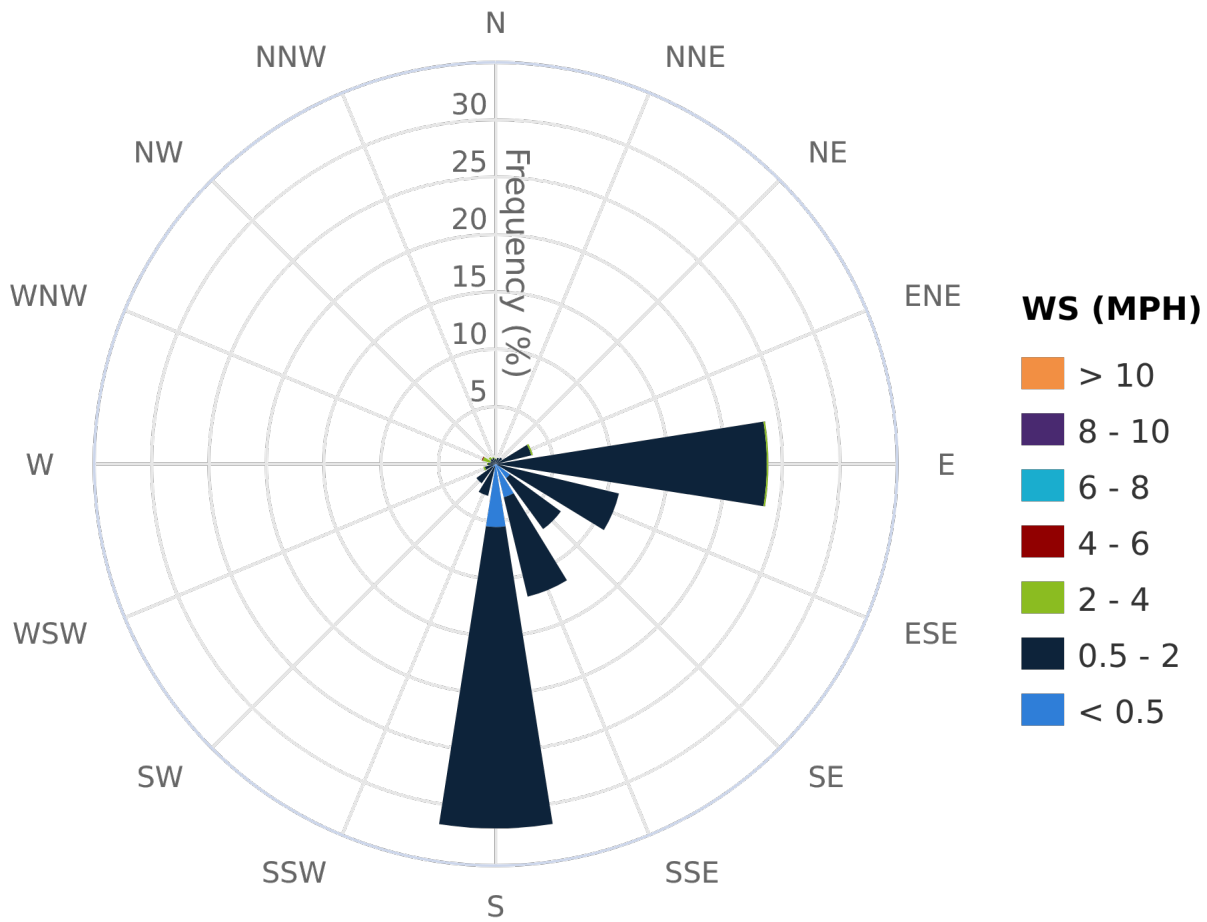


Figure 3 : Wind Rose Chart (WS in MPH)



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Florence C&D Landfill – Air Monitoring

Date : 2026-05-26

Wind Rose Chart 2997

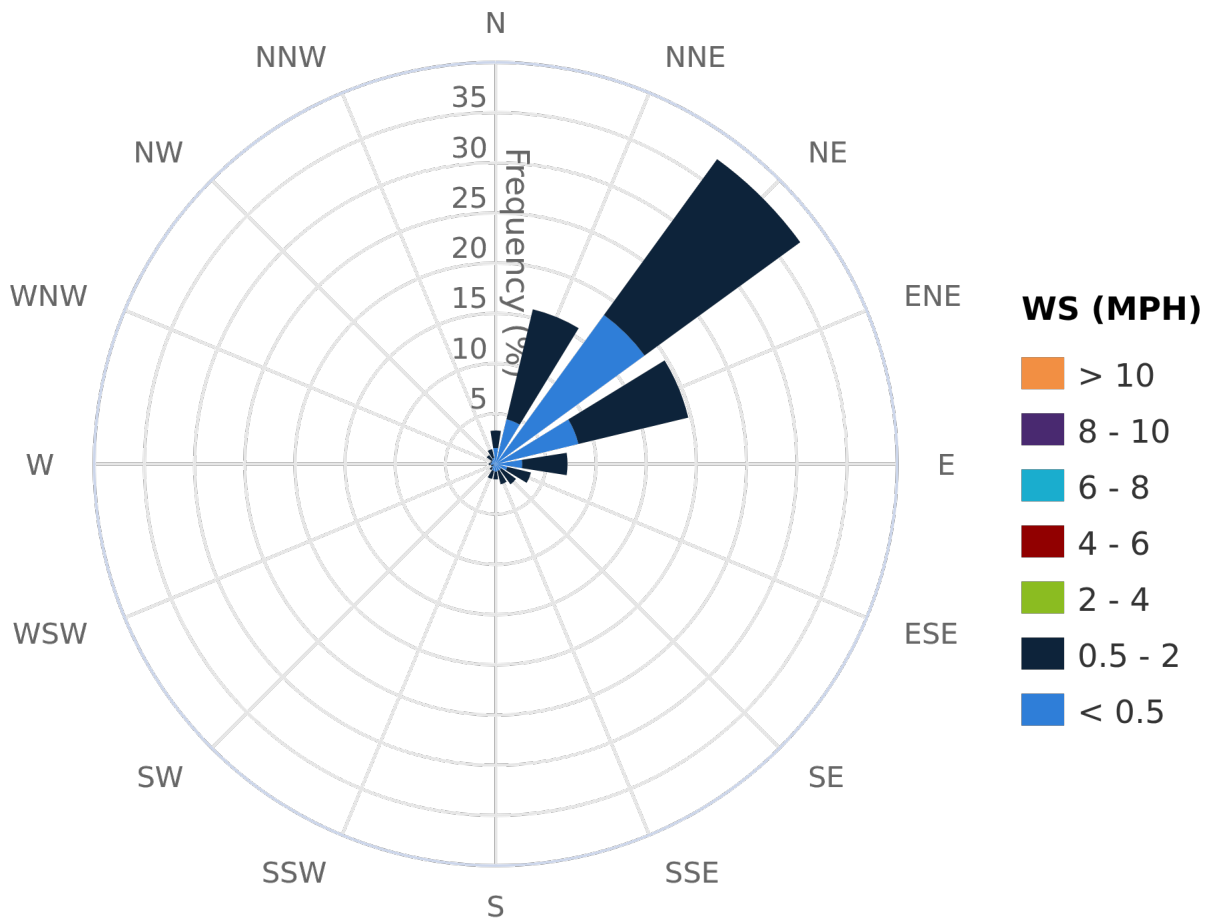


Figure 3 : Wind Rose Chart (WS in MPH)



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**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	12.4	14.1	15.3	11.2	5.6	5.1	5.6	5.6	0.000	0.000	0.009	0.000
00:15:00	12.6	14.6	19.5	12.5	5.9	5.1	5.6	5.5	0.000	0.000	0.004	0.000
00:30:00	11.9	13.9	12.4	10.6	5.0	5.2	5.0	5.2	0.000	0.000	0.001	0.000
00:45:00	11.6	13.2	10.5	8.9	4.6	4.5	4.4	4.6	0.000	0.000	0.000	0.000
01:00:00	11.0	10.0	14.1	8.7	4.2	4.0	4.1	4.6	0.000	0.000	0.000	0.000
01:15:00	11.2	10.7	16.4	8.7	4.0	3.9	3.8	4.5	0.000	0.000	0.000	0.000
01:30:00	20.3	14.1	16.6	8.6	4.3	4.0	3.6	4.5	0.000	0.000	0.000	0.000
01:45:00	18.5	14.9	17.7	9.0	4.0	6.3	3.5	4.4	0.000	0.000	0.000	0.000
02:00:00	13.8	14.2	16.5	10.6	3.6	5.7	3.8	4.2	0.000	0.000	0.000	0.000
02:15:00	20.7	12.9	19.9	11.2	4.0	5.2	3.6	4.4	0.000	0.000	0.000	0.000
02:30:00	14.5	14.2	21.9	10.9	3.6	4.1	3.5	4.3	0.000	0.000	0.000	0.000
02:45:00	12.5	14.7	25.8	10.3	3.4	3.8	3.4	4.7	0.000	0.000	0.000	0.000
03:00:00	10.5	16.1	38.7	11.2	3.2	3.6	3.4	6.4	0.000	0.000	0.000	0.000
03:15:00	14.1	14.1	38.4	10.9	3.4	3.3	3.4	6.1	0.000	0.000	0.000	0.000
03:30:00	12.4	16.1	31.4	13.1	3.3	3.3	3.5	5.4	0.000	0.000	0.000	0.000
03:45:00	10.7	15.2	35.5	13.3	3.3	3.2	3.7	5.8	0.000	0.000	0.000	0.000
04:00:00	15.8	18.2	36.3	13.2	3.6	3.4	3.9	6.0	0.000	0.000	0.000	0.000
04:15:00	23.2	17.9	34.7	11.6	4.1	3.5	3.7	5.7	0.000	0.000	0.000	0.000
04:30:00	15.1	15.5	28.7	16.0	3.8	3.3	4.2	5.1	0.000	0.000	0.000	0.000
04:45:00	16.9	15.1	23.8	18.7	3.9	3.0	4.6	4.3	0.000	0.000	0.000	0.000
05:00:00	15.2	15.6	23.1	16.5	4.0	3.5	4.6	4.5	0.000	0.000	0.000	0.000
05:15:00	17.2	16.4	27.8	20.3	4.4	3.8	5.0	4.9	0.000	0.000	0.000	0.000
05:30:00	17.0	17.5	27.3	22.6	4.6	4.3	6.0	4.9	0.000	0.000	0.000	0.000
05:45:00	19.9	17.7	26.7	25.5	4.8	4.2	6.3	5.1	0.000	0.000	0.000	0.000
06:00:00	21.0	16.9	32.3	23.5	4.9	4.5	6.0	5.9	0.000	0.000	0.000	0.000
06:15:00	20.3	17.9	30.2	20.2	5.0	4.9	5.3	5.6	0.000	0.000	0.000	0.000
06:30:00	21.0	17.9	23.0	16.5	5.4	4.8	4.8	5.9	0.000	0.000	0.000	0.000
06:45:00	18.8	17.8	21.3	17.5	5.7	5.0	4.9	5.2	0.000	0.000	0.000	0.000
07:00:00	19.7	18.1	23.4	19.2	6.1	5.8	5.9	5.2	0.000	0.000	0.000	0.000
07:15:00	19.1	19.2	26.3	18.8	7.3	6.9	7.9	5.9	0.000	0.000	0.000	0.000
07:30:00	20.1	20.4	29.1	19.0	8.5	8.1	8.5	6.3	0.000	0.000	0.000	0.000
07:45:00	21.5	19.9	22.7	19.8	9.5	9.0	9.2	7.5	0.000	0.000	0.000	0.000
08:00:00	23.2	20.7	20.4	20.4	10.3	9.2	9.6	8.3	0.000	0.000	0.000	0.000
08:15:00	23.8	21.6	20.1	21.3	10.7	9.6	10.0	9.1	0.000	0.000	0.000	0.000
08:30:00	24.9	21.6	20.8	21.9	11.4	10.3	10.5	9.8	0.000	0.000	0.000	0.000
08:45:00	25.5	22.8	21.9	22.5	11.8	10.8	11.1	10.4	0.000	0.000	0.000	0.000
09:00:00	26.2	22.8	22.0	22.6	12.3	10.9	11.3	10.8	0.000	0.000	0.000	0.000
09:15:00	24.9	22.0	21.5	22.6	12.2	11.0	11.3	11.0	0.000	0.000	0.000	0.000
09:30:00	24.7	21.6	20.5	22.0	12.2	10.9	11.2	10.5	0.000	0.000	0.000	0.000
09:45:00	24.7	21.5	21.6	27.7	12.2	10.8	12.0	11.2	0.000	0.001	0.000	0.000
10:00:00	24.2	21.2	20.7	22.1	12.0	10.9	11.3	10.8	0.000	0.000	0.000	0.001
10:15:00	23.7	20.3	20.4	21.5	11.7	10.5	11.1	10.6	0.003	0.000	0.000	0.002
10:30:00	23.0	20.1	20.0	21.6	11.5	10.5	10.9	10.6	0.013	0.000	0.000	0.010
10:45:00	22.7	19.9	19.9	20.9	11.5	10.2	10.9	10.4	0.017	0.000	0.000	0.016
11:00:00	21.6	19.0	18.7	20.2	10.9	10.0	10.5	10.0	0.019	0.000	0.000	0.016
11:15:00	21.4	19.1	18.9	19.6	10.9	10.0	10.4	9.9	0.020	0.000	0.000	0.022
11:30:00	20.1	18.5	17.8	19.2	10.5	9.7	10.0	9.5	0.006	0.000	0.000	0.025
11:45:00	20.6	18.7	18.3	19.2	10.7	9.9	10.2	9.6	0.007	0.000	0.000	0.027



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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	20.0	18.2	17.7	18.5	10.3	9.7	9.8	9.5	0.001	0.000	0.000	0.023
12:15:00	18.5	17.7	17.2	18.4	10.0	9.4	9.7	9.2	0.000	0.000	0.000	0.016
12:30:00	18.5	17.0	16.1	18.1	9.7	9.0	9.4	8.7	0.000	0.000	0.000	0.004
12:45:00	19.7	17.5	16.6	16.5	10.0	9.3	8.5	8.8	0.000	0.000	0.000	0.000
13:00:00	19.3	17.4	16.8	18.5	9.6	9.2	9.6	8.8	0.000	0.000	0.000	0.000
13:15:00	19.2	17.7	17.0	18.7	10.0	9.4	9.8	9.0	0.000	0.000	0.000	0.000
13:30:00	18.3	17.1	16.1	17.8	9.6	9.0	9.2	8.5	0.000	0.000	0.000	0.000
13:45:00	17.1	16.4	15.5	39.5	9.1	8.7	12.3	8.1	0.000	0.000	0.000	0.000
14:00:00	18.1	17.2	16.3	23.2	9.5	9.0	10.0	8.5	0.000	0.000	0.000	0.000
14:15:00	18.4	17.4	16.1	17.8	9.4	8.9	9.1	8.5	0.000	0.000	0.000	0.000
14:30:00	17.5	16.7	15.8	18.8	8.9	8.4	8.9	8.1	0.000	0.000	0.000	0.000
14:45:00	16.9	16.3	14.9	16.7	8.6	8.1	8.2	7.7	0.000	0.000	0.000	0.000
15:00:00	16.9	15.8	15.1	15.6	8.4	7.9	8.0	7.6	0.000	0.000	0.000	0.000
15:15:00	16.4	15.3	14.5	15.7	8.3	7.7	8.0	7.4	0.000	0.000	0.000	0.000
15:30:00	16.9	15.7	15.0	16.3	8.4	7.8	7.9	7.6	0.000	0.000	0.000	0.000
15:45:00	16.1	15.0	14.8	14.6	8.1	7.6	7.5	7.5	0.000	0.000	0.000	0.000
16:00:00	15.5	14.2	14.1	13.9	7.8	7.3	7.3	7.2	0.000	0.000	0.000	0.000
16:15:00	16.3	14.9	14.5	14.3	8.1	7.6	7.5	7.5	0.000	0.000	0.000	0.000
16:30:00	17.1	15.7	14.7	14.9	8.5	8.0	7.8	7.5	0.000	0.000	0.000	0.000
16:45:00	18.0	16.6	15.9	16.1	8.8	8.3	8.1	8.0	0.000	0.000	0.000	0.000
17:00:00	19.2	17.8	16.7	33.1	9.2	8.6	11.5	8.4	0.000	0.000	0.000	0.000
17:15:00	18.5	16.6	16.7	16.2	9.2	8.3	8.4	8.4	0.000	0.000	0.000	0.000
17:30:00	17.0	15.6	15.1	14.4	8.4	7.7	7.6	7.7	0.000	0.000	0.000	0.000
17:45:00	17.2	15.8	15.7	14.4	8.5	7.9	7.7	7.9	0.000	0.000	0.000	0.000
18:00:00	16.5	13.6	14.7	13.5	7.7	7.0	7.2	7.2	0.000	0.000	0.000	0.000
18:15:00	14.2	13.4	13.5	12.9	7.3	7.0	6.8	6.8	0.000	0.000	0.000	0.000
18:30:00	14.9	13.9	13.7	13.2	7.6	7.2	7.0	6.9	0.000	0.000	0.000	0.000
18:45:00	17.3	14.8	16.8	16.9	9.3	7.7	9.6	9.3	0.000	0.000	0.000	0.000
19:00:00	19.6	16.7	19.6	17.8	10.9	8.5	10.3	10.1	0.011	0.001	0.000	0.011
19:15:00	18.3	17.2	20.5	16.5	8.9	8.4	9.2	10.1	0.011	0.004	0.000	0.019
19:30:00	21.3	20.2	21.7	15.9	9.5	9.2	8.6	9.6	0.031	0.007	0.015	0.014
19:45:00	14.1	15.9	14.5	14.3	6.6	6.6	7.0	6.6	0.032	0.008	0.034	0.010
20:00:00	21.0	32.5	13.9	17.8	8.5	11.6	8.6	6.0	0.054	0.011	0.061	0.016
20:15:00	15.8	18.4	15.4	12.0	6.9	7.9	6.3	5.8	0.049	0.009	0.072	0.013
20:30:00	11.9	13.3	12.2	10.9	5.4	5.7	5.3	5.4	0.015	0.006	0.071	0.002
20:45:00	10.3	11.3	13.5	10.1	4.9	5.2	5.1	5.5	0.000	0.003	0.060	0.000
21:00:00	10.9	11.3	12.1	9.3	5.0	5.2	4.9	5.2	0.000	0.001	0.044	0.000
21:15:00	11.4	11.4	13.1	9.1	5.0	5.3	4.9	5.0	0.000	0.000	0.033	0.000
21:30:00	11.6	11.2	12.3	9.0	5.0	5.0	4.8	4.9	0.000	0.000	0.021	0.000
21:45:00	11.9	11.1	10.4	10.1	5.3	4.9	5.3	4.7	0.000	0.000	0.009	0.000
22:00:00	12.2	14.4	11.0	11.2	5.1	4.8	5.0	4.8	0.000	0.000	0.005	0.000
22:15:00	13.9	16.9	12.4	12.7	4.9	4.9	5.0	4.9	0.000	0.000	0.000	0.000
22:30:00	16.1	16.2	15.8	17.7	4.8	4.6	5.1	4.7	0.000	0.000	0.000	0.000
22:45:00	18.9	18.6	13.7	15.3	4.8	4.6	4.7	4.6	0.000	0.000	0.000	0.000
23:00:00	19.6	19.4	14.0	16.0	4.6	4.7	4.4	4.3	0.000	0.000	0.000	0.000
23:15:00	18.2	18.0	16.3	14.5	4.5	4.4	4.3	4.3	0.000	0.000	0.000	0.000
23:30:00	18.8	36.0	15.9	15.2	4.4	5.1	4.1	4.3	0.000	0.000	0.000	0.000
23:45:00	22.2	21.2	15.4	17.0	4.2	4.4	4.1	4.1	0.000	0.000	0.000	0.000



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

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