



# DAILY AIR MONITORING REPORT

## Florence C&D Landfill – Air Monitoring

Date : 2026-06-13

**Table 1 : Weather Summary**

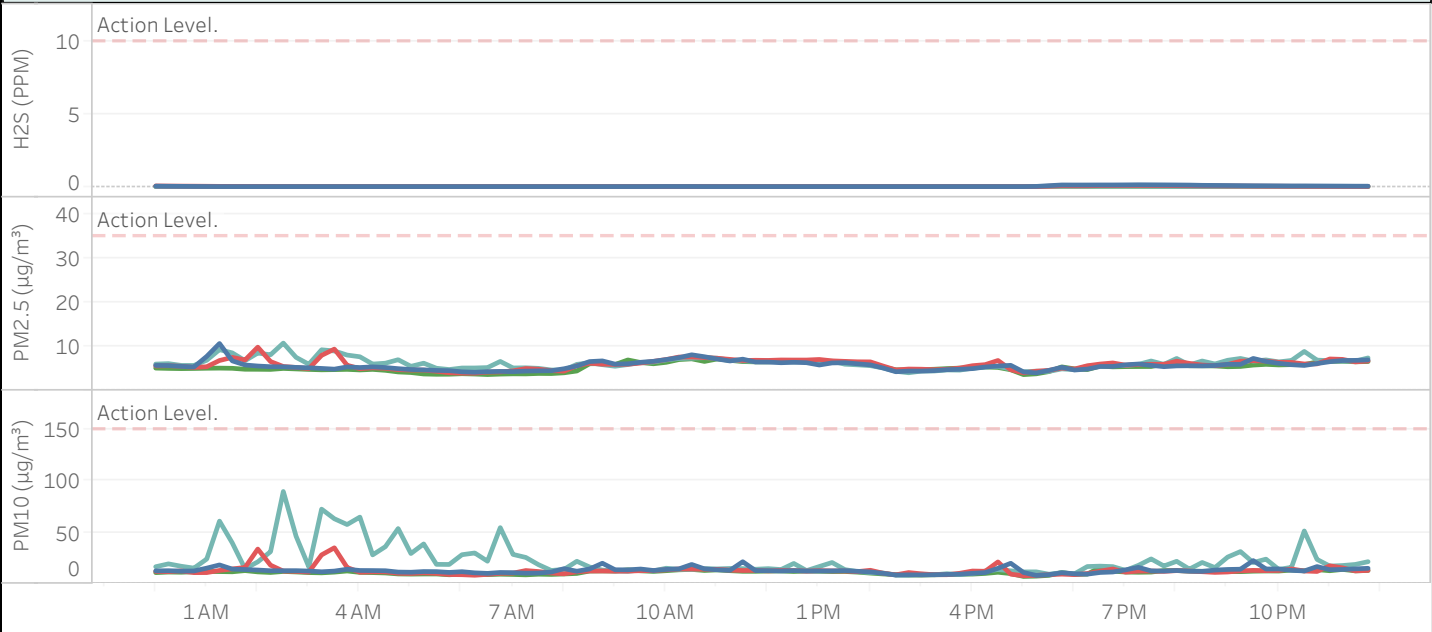
Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.112 to 7.024	2943 SE	3061 SSW	2996 SW	2997 NNE	Min : 73.76 Max : 107.1	Min : 40.00 Max : 88.80	Min : 29.88 Max : 30.09

**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	12.7	22.4	5.7	10.6	0.023	0.126
2996	12.6	34.8	5.9	9.8	0.014	0.077
2997	22.1	89.4	6.3	10.7	0.005	0.038
3061	11.1	15.9	5.3	7.2	0.003	0.021



**Figure 1 : Monitoring Locations**



**Figure 2 : 15 Minutes Average Concentrations**

■ 2943      ■ 2996      ■ 2997      ■ 3061



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Wind Rose Chart 2943

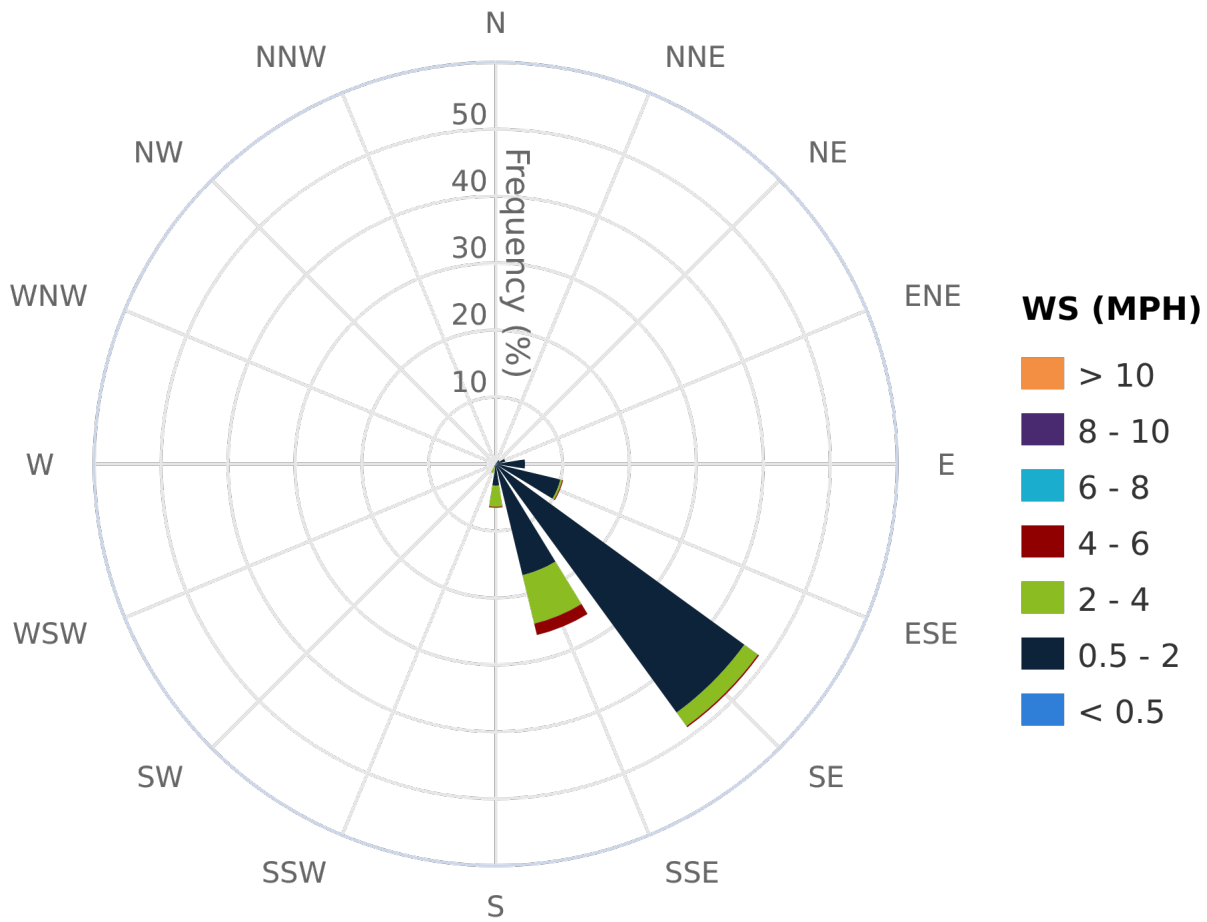


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

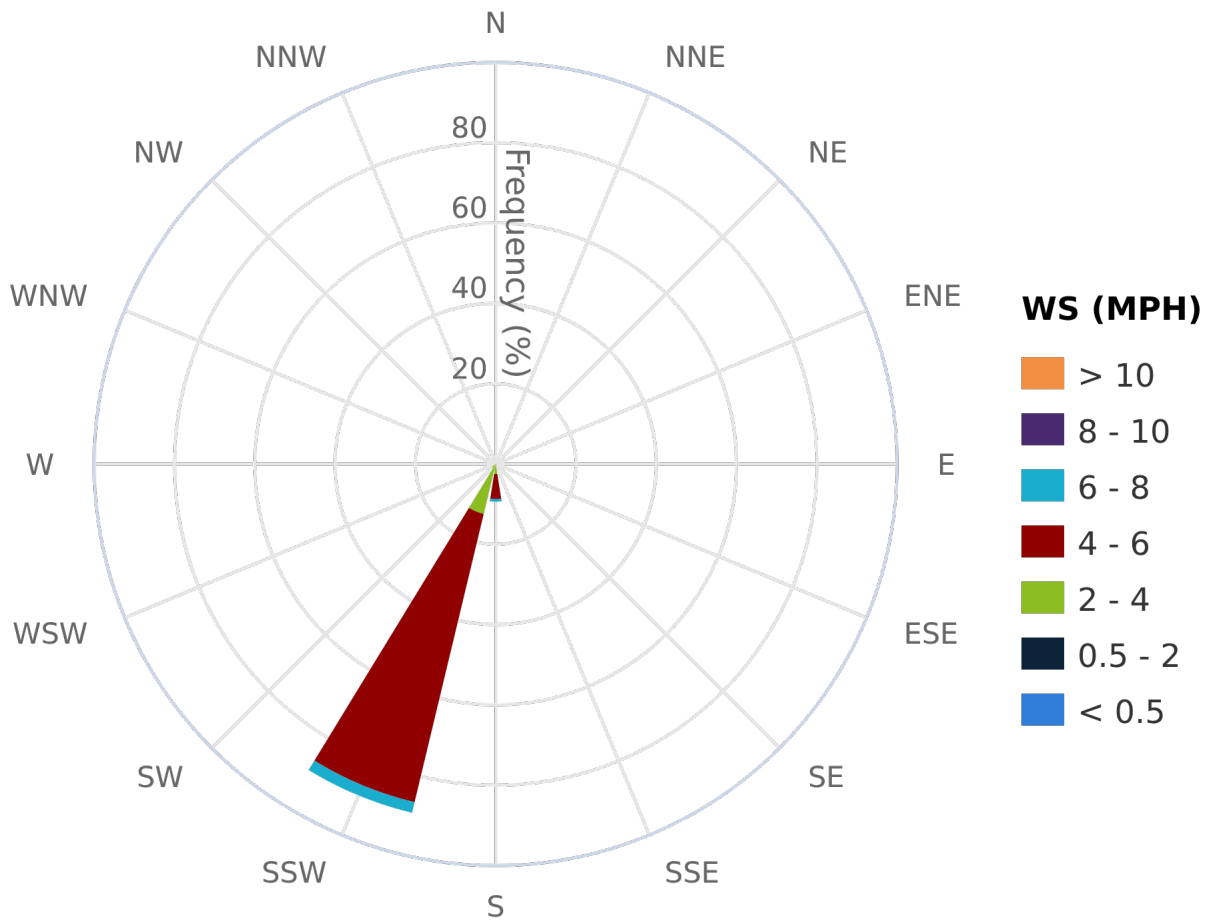


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

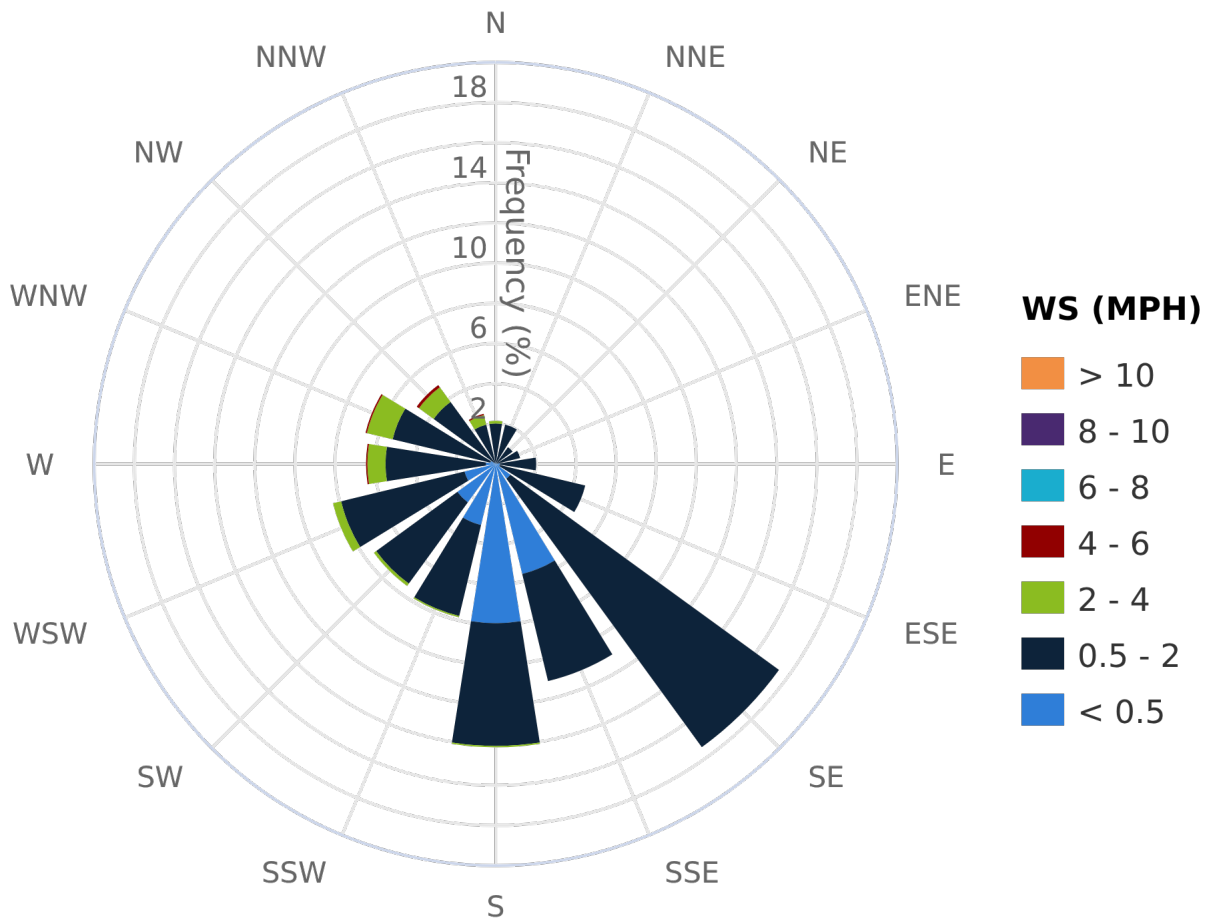


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

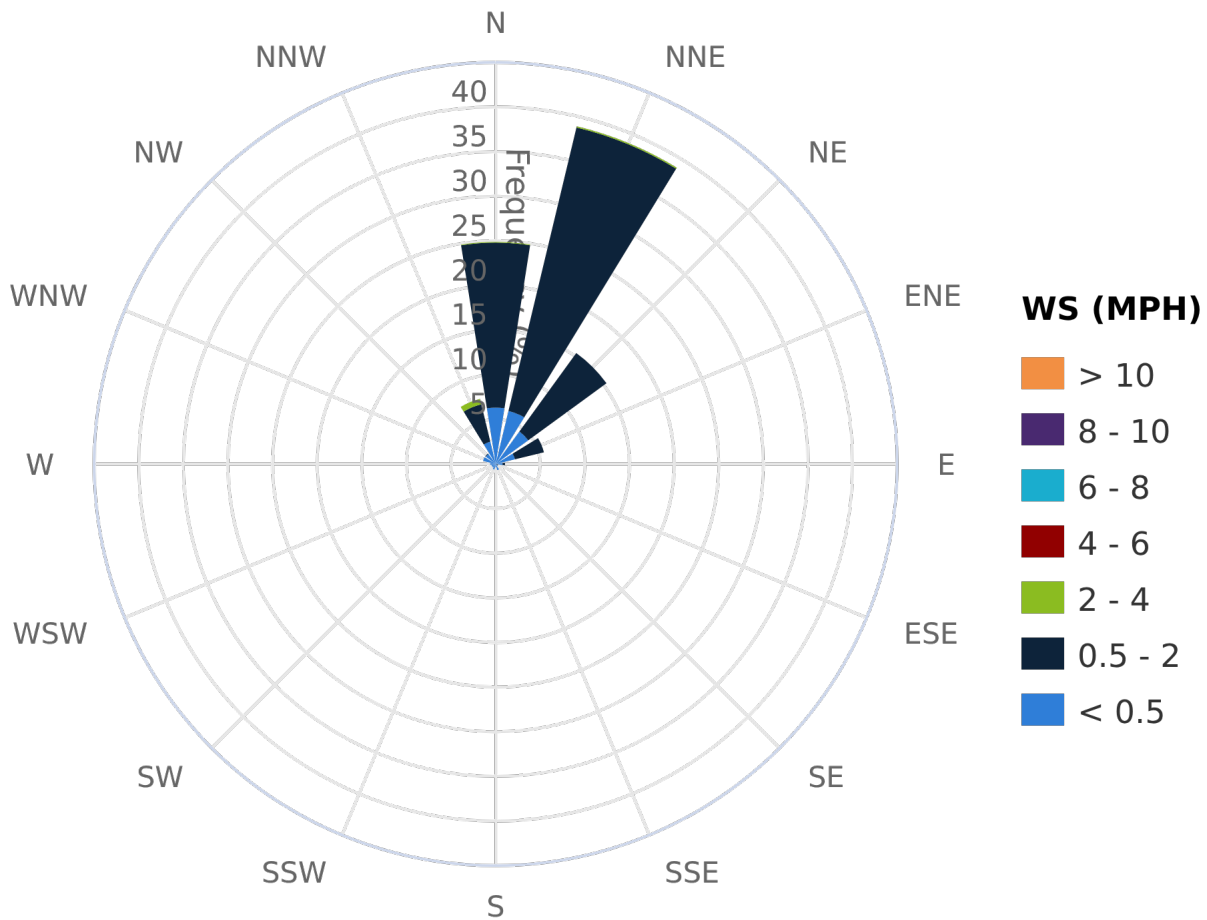


Figure 3 : Wind Rose Chart (WS in MPH)



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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	12.5	10.8	16.5	11.9	5.7	5.1	5.6	6.0	0.033	0.002	0.045	0.000
00:15:00	12.7	11.3	19.3	11.7	5.7	5.0	5.6	6.1	0.024	0.001	0.038	0.000
00:30:00	12.3	11.2	17.0	12.4	5.5	5.0	5.5	5.7	0.017	0.000	0.033	0.000
00:45:00	12.4	11.6	15.1	10.8	5.3	5.0	5.2	5.7	0.010	0.000	0.029	0.000
01:00:00	15.2	11.9	24.0	10.8	7.7	5.1	5.4	6.9	0.005	0.000	0.023	0.000
01:15:00	18.2	11.8	60.7	12.9	10.6	5.1	6.8	9.3	0.001	0.000	0.017	0.000
01:30:00	14.2	11.6	39.6	14.4	6.7	5.0	7.5	8.5	0.000	0.000	0.012	0.000
01:45:00	13.8	12.8	14.5	15.8	5.8	4.8	6.9	6.8	0.000	0.000	0.010	0.000
02:00:00	13.3	11.5	21.2	33.6	5.6	4.8	9.8	8.5	0.000	0.000	0.006	0.000
02:15:00	12.6	10.9	31.1	18.0	5.4	4.8	6.6	8.1	0.000	0.000	0.004	0.000
02:30:00	12.6	11.9	89.4	12.3	5.4	5.0	5.5	10.7	0.000	0.000	0.002	0.000
02:45:00	12.7	11.4	46.1	12.0	5.3	4.9	5.2	7.5	0.000	0.000	0.000	0.000
03:00:00	12.3	10.8	16.3	11.3	5.2	4.8	5.0	6.0	0.000	0.000	0.000	0.000
03:15:00	11.6	10.6	72.3	28.0	5.0	4.7	8.0	9.2	0.000	0.000	0.000	0.000
03:30:00	12.3	11.3	63.0	34.8	4.9	4.7	9.4	9.0	0.000	0.000	0.000	0.000
03:45:00	14.1	12.4	57.4	15.8	5.4	4.8	5.7	8.0	0.000	0.000	0.000	0.000
04:00:00	12.9	11.0	64.6	11.1	5.2	4.7	5.0	7.7	0.000	0.000	0.000	0.000
04:15:00	12.8	10.8	28.0	11.5	5.4	4.8	5.2	6.0	0.000	0.000	0.000	0.000
04:30:00	12.6	10.5	35.9	11.5	5.2	4.6	5.0	6.2	0.000	0.000	0.000	0.000
04:45:00	11.3	9.5	53.5	10.2	5.0	4.2	4.7	7.0	0.000	0.000	0.000	0.000
05:00:00	11.2	9.3	29.3	10.0	4.8	4.1	4.6	5.5	0.000	0.000	0.000	0.000
05:15:00	11.8	9.5	38.6	10.5	4.7	3.8	4.6	6.2	0.000	0.000	0.000	0.000
05:30:00	11.7	9.5	18.8	10.0	4.6	3.7	4.4	5.1	0.000	0.000	0.000	0.000
05:45:00	11.0	8.7	18.7	8.9	4.5	3.7	4.0	4.8	0.000	0.000	0.000	0.000
06:00:00	11.7	9.4	28.1	8.8	4.3	3.8	3.9	5.1	0.000	0.000	0.000	0.000
06:15:00	10.6	9.2	29.8	8.3	4.2	3.8	4.0	5.1	0.000	0.000	0.000	0.000
06:30:00	10.1	8.8	21.9	9.1	4.3	3.6	4.2	5.2	0.000	0.000	0.000	0.000
06:45:00	10.9	9.3	54.4	10.1	4.3	3.7	4.2	6.6	0.000	0.000	0.000	0.000
07:00:00	10.7	9.0	28.4	10.3	4.3	3.8	4.5	5.1	0.000	0.000	0.000	0.000
07:15:00	10.2	8.6	25.5	12.8	4.4	3.8	5.0	5.2	0.000	0.000	0.000	0.000
07:30:00	10.4	9.3	18.5	11.8	4.5	3.9	4.8	5.0	0.000	0.000	0.000	0.000
07:45:00	11.4	9.0	12.9	10.4	4.5	3.9	4.5	4.7	0.000	0.000	0.000	0.000
08:00:00	14.6	9.5	13.9	9.6	5.0	4.0	4.4	4.6	0.000	0.000	0.000	0.000
08:15:00	12.1	10.0	21.8	11.6	5.6	4.4	5.6	5.9	0.000	0.000	0.000	0.000
08:30:00	14.3	12.3	16.2	12.4	6.6	6.1	6.2	6.3	0.000	0.000	0.000	0.000
08:45:00	19.9	12.4	13.3	12.4	6.7	6.1	6.0	5.9	0.000	0.000	0.000	0.000
09:00:00	13.6	12.3	12.3	12.2	6.0	5.9	5.9	5.5	0.000	0.000	0.000	0.000
09:15:00	13.5	13.5	12.0	12.3	6.1	6.9	6.0	5.9	0.000	0.000	0.000	0.000
09:30:00	14.3	12.5	13.4	12.7	6.4	6.4	6.2	6.4	0.000	0.000	0.000	0.001
09:45:00	12.9	12.0	12.5	12.8	6.6	6.1	6.6	6.5	0.003	0.000	0.000	0.006
10:00:00	13.9	12.7	15.0	13.5	7.0	6.4	7.0	6.9	0.007	0.000	0.000	0.007
10:15:00	14.4	13.5	14.0	14.3	7.5	7.0	7.6	7.3	0.005	0.000	0.000	0.009
10:30:00	18.7	13.9	13.9	14.3	8.1	7.2	7.6	7.3	0.006	0.000	0.000	0.015
10:45:00	14.4	12.9	14.7	14.0	7.7	6.6	7.5	7.5	0.001	0.000	0.000	0.017
11:00:00	13.5	13.4	14.4	13.9	7.1	7.2	7.3	7.3	0.000	0.000	0.000	0.017
11:15:00	13.0	12.7	14.8	13.2	6.7	6.8	7.1	6.9	0.000	0.000	0.000	0.012
11:30:00	21.4	12.1	14.7	12.9	7.1	6.6	6.8	6.7	0.000	0.000	0.000	0.009
11:45:00	12.8	12.1	14.1	13.0	6.5	6.5	6.9	6.6	0.000	0.000	0.000	0.007



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	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	12.7	12.3	14.6	12.4	6.4	6.5	6.8	6.7	0.000	0.000	0.000	0.000
12:15:00	12.4	12.4	13.8	12.9	6.3	6.7	6.9	6.6	0.000	0.000	0.000	0.000
12:30:00	12.8	11.9	19.7	12.9	6.4	6.5	6.9	6.8	0.000	0.000	0.000	0.000
12:45:00	12.3	12.4	12.7	12.2	6.3	6.6	6.9	6.5	0.000	0.000	0.000	0.000
13:00:00	12.4	12.1	16.7	12.7	5.8	6.6	7.0	6.6	0.000	0.000	0.000	0.000
13:15:00	12.5	11.8	20.6	12.4	6.3	6.4	6.7	6.7	0.000	0.000	0.000	0.000
13:30:00	12.7	11.9	13.7	12.3	6.3	6.5	6.6	6.0	0.000	0.000	0.000	0.000
13:45:00	12.1	11.2	11.8	11.8	6.1	6.2	6.5	5.8	0.000	0.000	0.000	0.000
14:00:00	11.5	10.3	10.9	13.1	5.8	5.8	6.5	5.6	0.000	0.000	0.000	0.000
14:15:00	10.1	9.5	10.4	10.2	5.1	5.3	5.6	5.1	0.000	0.000	0.000	0.000
14:30:00	8.4	8.8	8.4	8.7	4.3	4.7	4.7	4.4	0.000	0.000	0.000	0.000
14:45:00	8.7	8.5	8.3	10.9	4.4	4.7	4.9	4.0	0.000	0.000	0.000	0.000
15:00:00	8.6	8.4	9.3	9.6	4.4	4.7	4.8	4.4	0.000	0.000	0.000	0.000
15:15:00	8.7	8.7	8.7	8.8	4.5	4.8	4.7	4.4	0.000	0.000	0.000	0.000
15:30:00	9.0	8.8	9.7	8.7	4.7	5.0	4.8	4.7	0.000	0.000	0.000	0.000
15:45:00	9.3	9.3	8.9	10.2	4.8	5.1	5.1	4.6	0.000	0.000	0.000	0.000
16:00:00	10.1	9.4	10.0	12.3	5.0	5.1	5.6	5.1	0.000	0.000	0.000	0.000
16:15:00	10.8	10.0	12.3	12.1	5.3	5.3	5.9	5.4	0.000	0.000	0.000	0.000
16:30:00	15.0	11.1	13.7	21.2	5.6	5.2	6.8	5.5	0.000	0.000	0.000	0.000
16:45:00	19.9	9.9	12.5	9.3	5.7	4.7	4.7	4.9	0.000	0.001	0.000	0.000
17:00:00	10.9	7.1	11.5	7.8	4.2	3.6	4.0	4.3	0.000	0.002	0.000	0.000
17:15:00	8.1	7.4	11.5	8.1	4.0	3.8	4.4	4.4	0.013	0.005	0.000	0.001
17:30:00	8.8	8.1	9.3	8.8	4.6	4.3	4.6	4.3	0.065	0.014	0.025	0.011
17:45:00	10.7	10.9	10.8	9.3	5.3	5.4	5.1	4.9	0.112	0.019	0.060	0.031
18:00:00	9.7	9.1	9.6	8.9	4.7	4.9	4.9	4.7	0.109	0.020	0.053	0.029
18:15:00	9.3	9.3	16.7	9.9	4.9	4.8	5.6	5.5	0.110	0.018	0.057	0.033
18:30:00	10.9	15.9	17.1	12.3	5.5	5.5	6.0	5.8	0.113	0.020	0.070	0.037
18:45:00	11.4	12.2	16.6	14.3	5.5	5.4	6.3	6.0	0.113	0.021	0.073	0.038
19:00:00	13.5	11.4	13.0	11.3	5.8	5.4	5.8	5.7	0.118	0.021	0.077	0.035
19:15:00	15.9	11.1	17.8	12.3	6.0	5.4	5.9	5.9	0.126	0.020	0.077	0.033
19:30:00	12.5	11.3	24.1	12.3	5.7	5.5	6.0	6.7	0.121	0.018	0.074	0.027
19:45:00	12.3	12.8	17.2	12.0	5.4	6.0	5.9	5.9	0.117	0.016	0.071	0.022
20:00:00	12.9	12.8	21.8	12.7	5.6	5.9	6.6	7.3	0.111	0.016	0.064	0.018
20:15:00	12.2	12.3	14.2	12.3	5.6	5.6	6.2	5.8	0.104	0.013	0.056	0.013
20:30:00	12.0	12.1	20.6	11.7	5.6	5.6	5.8	6.7	0.087	0.011	0.049	0.010
20:45:00	13.3	12.0	15.7	11.0	5.7	5.6	5.6	6.0	0.082	0.010	0.047	0.007
21:00:00	13.9	11.9	25.9	11.4	5.9	5.4	5.9	6.9	0.076	0.008	0.041	0.003
21:15:00	14.1	11.7	31.2	12.5	5.9	5.5	6.6	7.3	0.068	0.007	0.038	0.000
21:30:00	22.4	12.2	20.5	13.0	7.3	5.8	6.8	6.7	0.061	0.006	0.033	0.000
21:45:00	14.3	12.4	23.8	12.7	6.6	5.9	6.7	6.9	0.057	0.005	0.026	0.000
22:00:00	14.4	12.3	13.9	12.9	6.2	5.8	6.4	6.5	0.051	0.004	0.025	0.000
22:15:00	13.0	13.3	15.9	14.4	5.9	5.9	6.4	6.8	0.046	0.004	0.021	0.000
22:30:00	12.4	12.5	51.1	12.4	5.7	5.9	6.0	8.9	0.046	0.003	0.019	0.000
22:45:00	16.7	13.7	23.6	11.9	6.1	6.5	6.0	6.9	0.044	0.004	0.016	0.000
23:00:00	13.7	12.6	17.1	17.4	6.5	6.6	7.2	6.8	0.039	0.003	0.015	0.000
23:15:00	13.9	13.9	17.7	15.4	6.8	6.6	7.1	6.7	0.035	0.002	0.013	0.000
23:30:00	14.5	12.5	18.7	12.5	6.8	6.5	6.5	6.7	0.030	0.001	0.012	0.000
23:45:00	15.0	12.9	21.4	12.9	6.9	6.6	6.7	7.4	0.028	0.001	0.010	0.000



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

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