



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-07-07

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.157 to 6.644	2943 SSE	3061 SSW	2996 SW	2997 NNW	Min : 71.78 Max : 104.5	Min : 47.70 Max : 89.40	Min : 26.53 Max : 30.17

Table 2 : Monitoring Summary

Site Action Level :	PM10 : 150 µg/m³		PM2.5 : 35 µg/m³		H2S : 10 PPM	
AQ-SN	Avg. PM10 Daily (µg/m³)	Max. PM10-15-min Avg (µg/m³)	Avg. PM2.5 Daily (µg/m³)	Max. PM2.5-15-min Avg (µg/m³)	Avg. H2S Daily (PPM)	Max. H2S-15-min Avg (PPM)
2943	11.3	24.0	4.4	11.9	0.008	0.073
2996	9.7	15.5	4.0	5.6	0.008	0.083
2997	16.8	46.5	4.4	6.2	0.003	0.035
3061	9.6	15.7	3.7	5.5	0.002	0.013

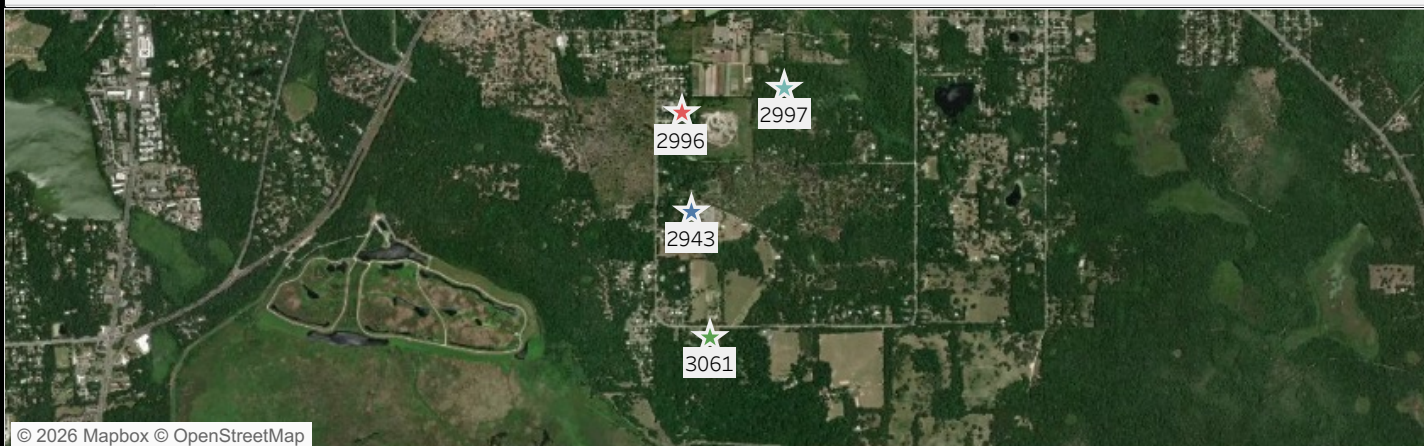


Figure 1 : Monitoring Locations

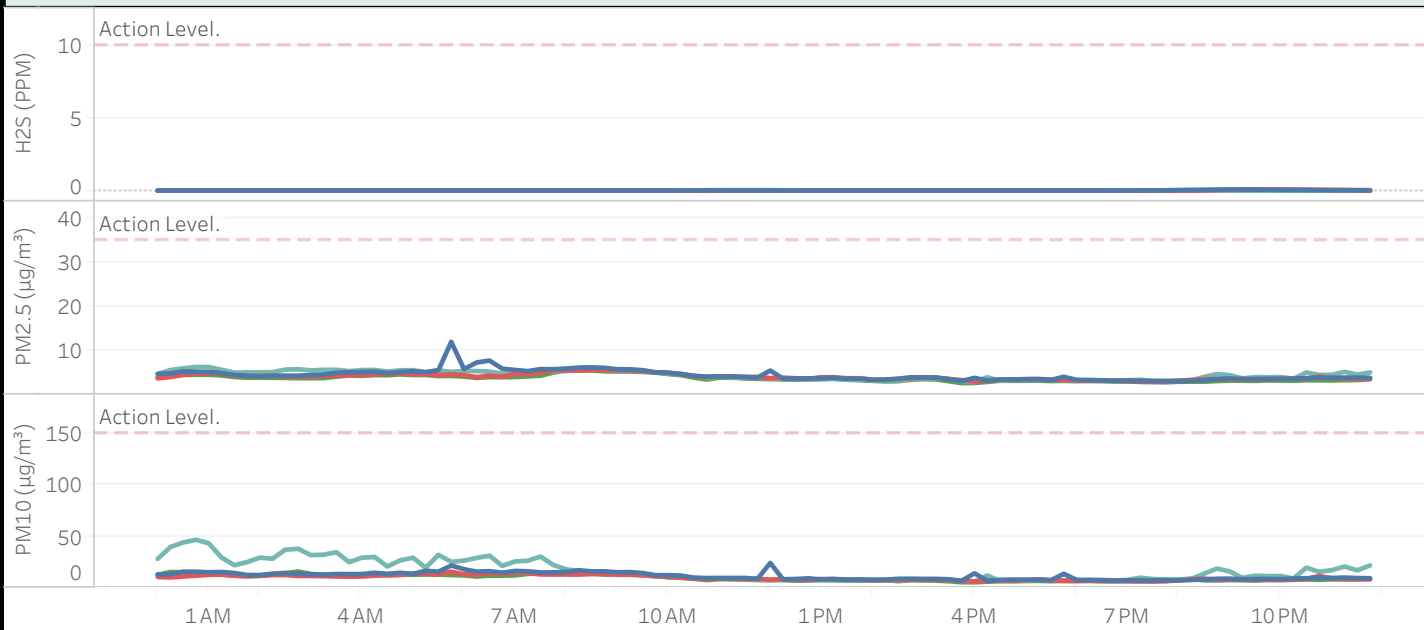


Figure 2 : 15 Minutes Average Concentrations

2943 2996 2997 3061



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Wind Rose Chart 2943

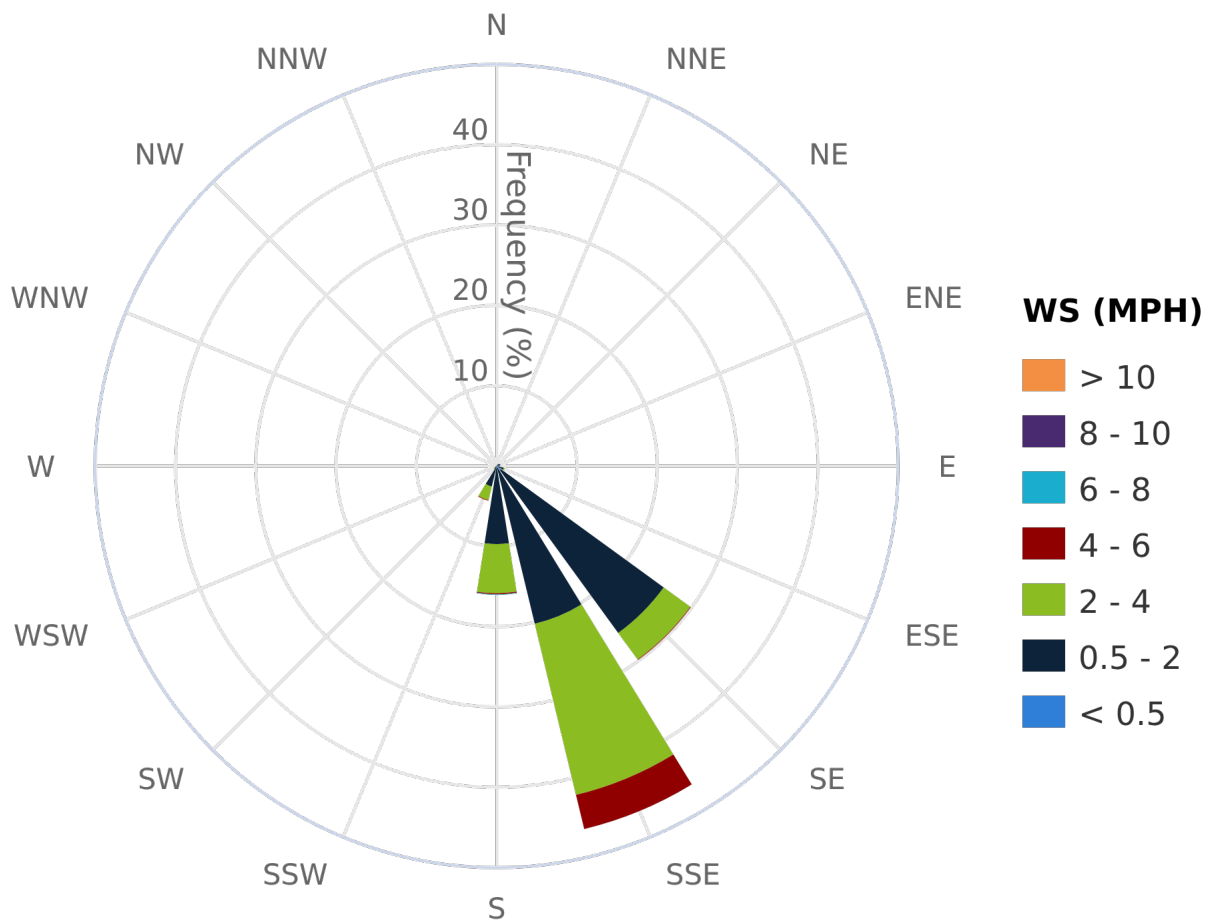


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

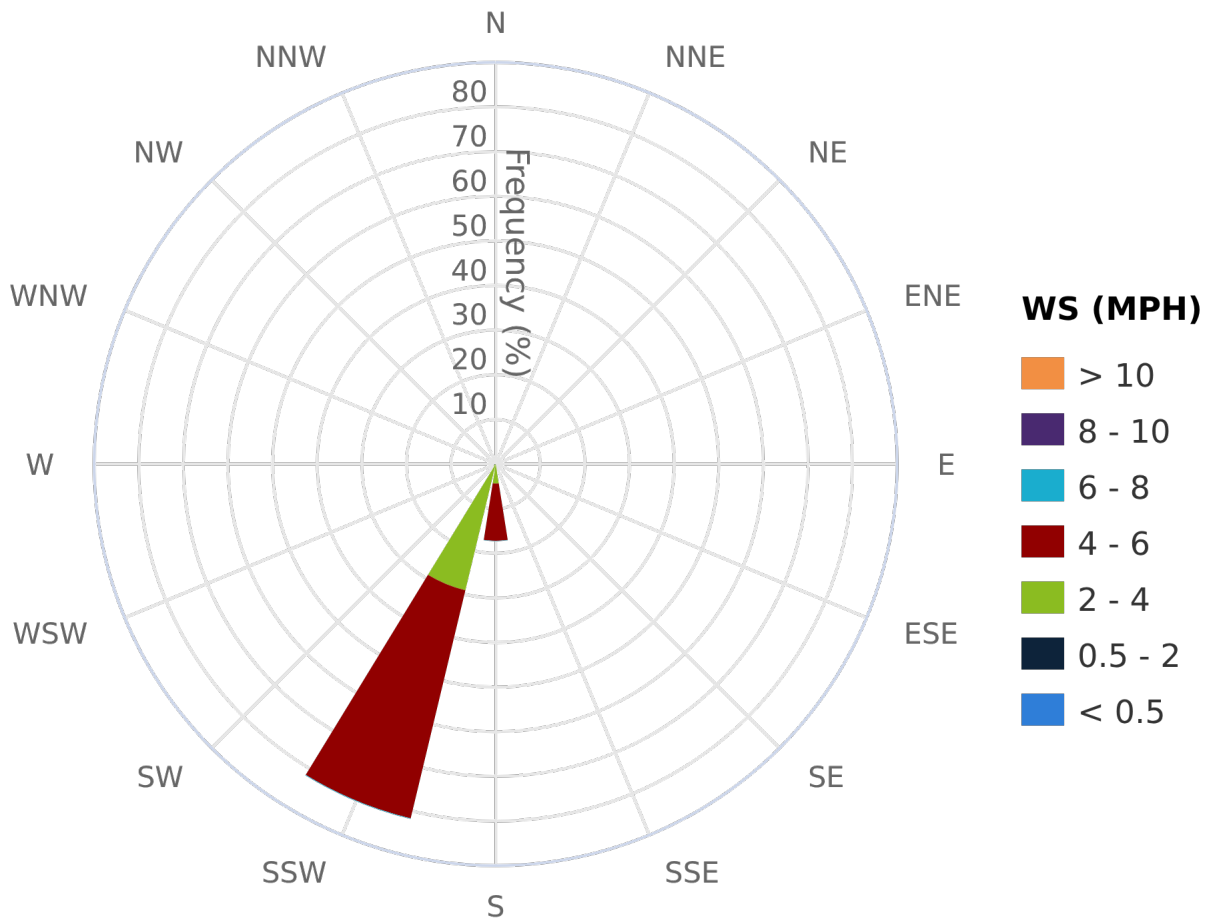


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

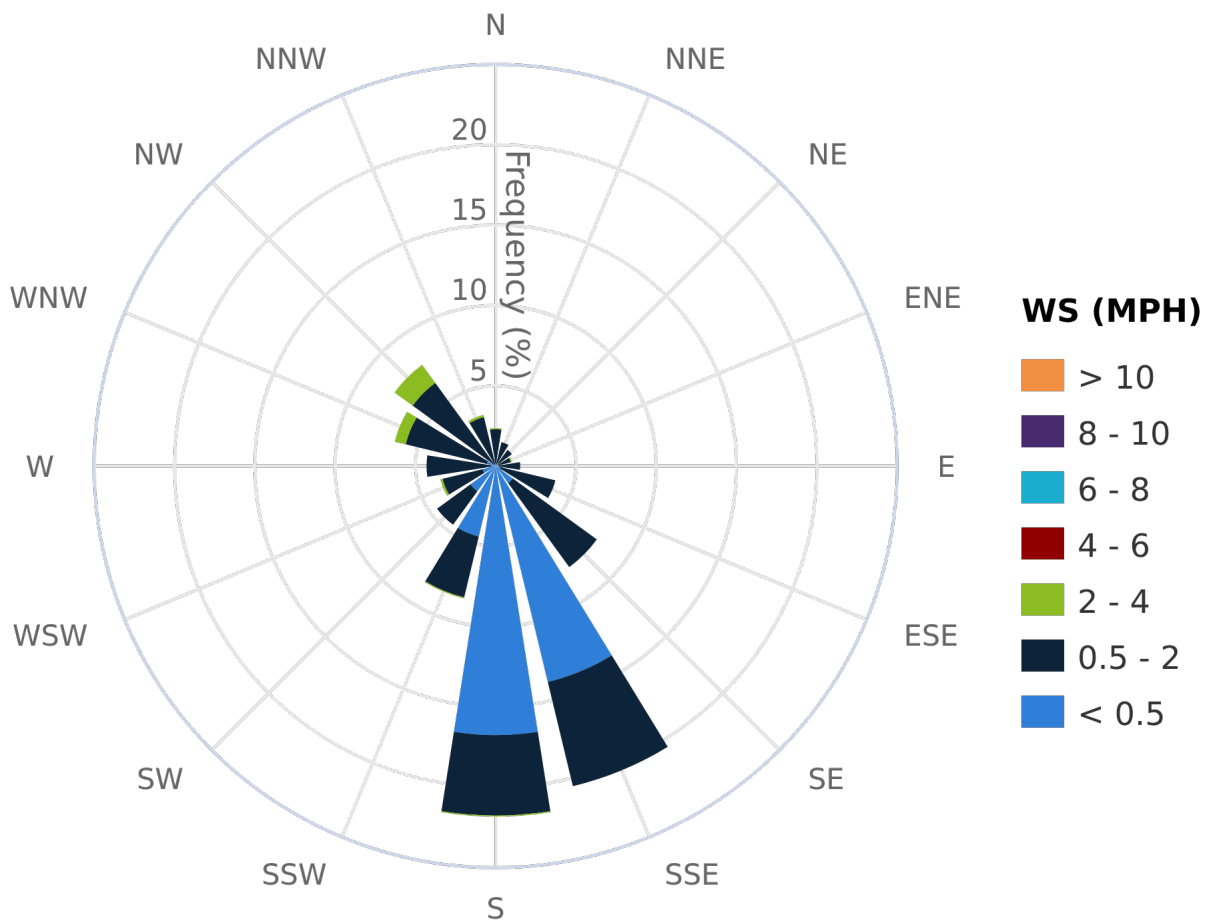


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

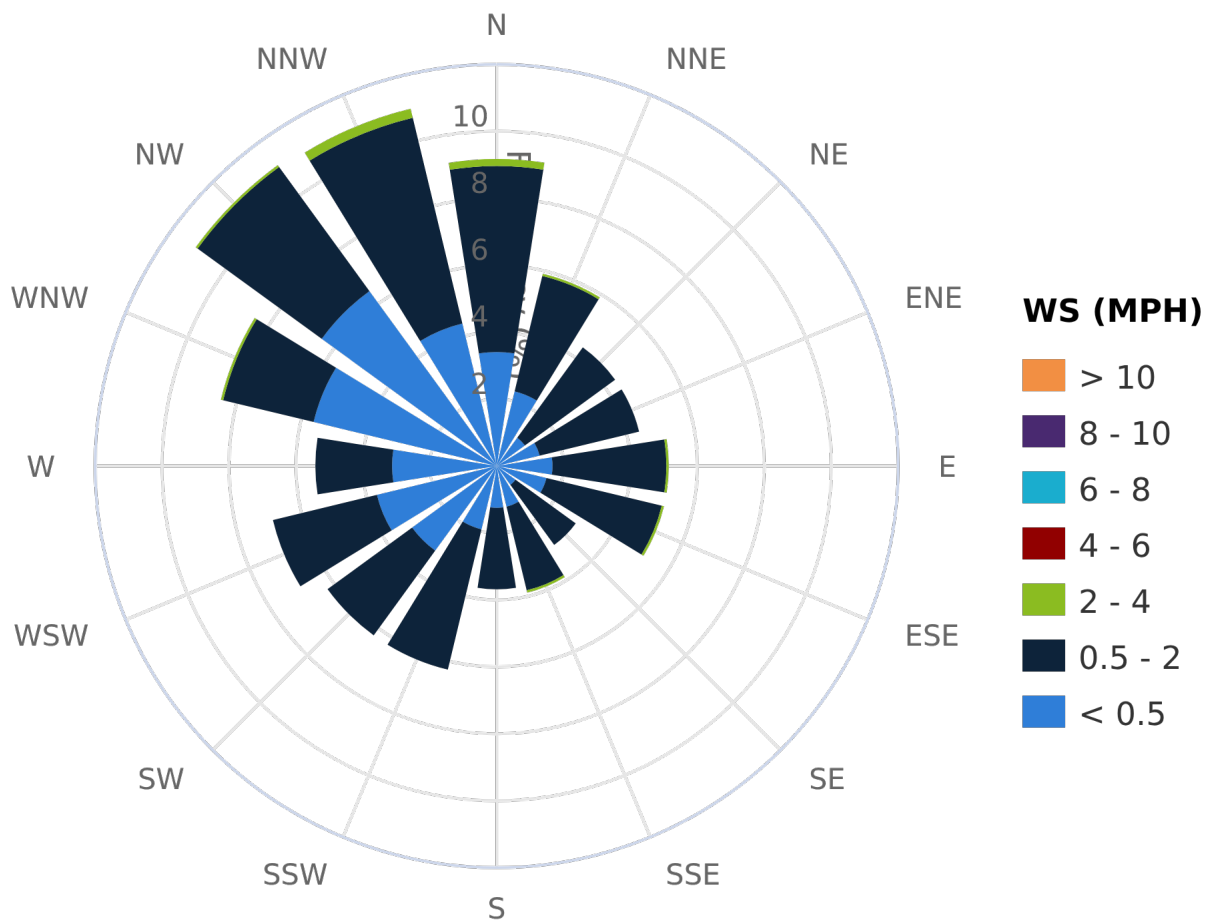


Figure 3 : Wind Rose Chart (WS in MPH)



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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	13.0	12.5	28.0	10.5	4.7	3.9	3.7	4.7	0.000	0.000	0.000	0.000
00:15:00	13.1	15.2	39.5	10.0	4.8	4.1	4.0	5.6	0.000	0.000	0.000	0.000
00:30:00	15.5	15.1	43.9	10.9	5.3	4.5	4.5	5.9	0.000	0.000	0.000	0.000
00:45:00	15.6	13.9	46.5	11.7	5.2	4.5	4.8	6.2	0.000	0.000	0.000	0.000
01:00:00	15.0	12.9	43.1	12.5	5.1	4.5	4.8	6.2	0.000	0.000	0.000	0.000
01:15:00	15.3	12.8	29.4	12.8	4.9	4.3	4.7	5.6	0.000	0.000	0.000	0.000
01:30:00	14.3	11.7	21.8	11.8	4.4	4.0	4.3	5.0	0.000	0.000	0.000	0.000
01:45:00	12.4	11.1	24.8	11.3	4.2	3.8	4.2	5.0	0.000	0.000	0.000	0.000
02:00:00	12.3	11.6	29.2	11.6	4.1	3.9	4.3	5.1	0.000	0.000	0.000	0.000
02:15:00	13.6	12.7	28.1	12.3	4.3	3.8	4.2	5.1	0.000	0.000	0.001	0.000
02:30:00	14.3	14.0	36.9	12.4	4.3	3.8	4.1	5.7	0.000	0.000	0.001	0.000
02:45:00	13.7	15.7	37.8	11.4	4.3	3.7	4.1	5.7	0.000	0.000	0.000	0.000
03:00:00	13.0	13.4	31.7	11.5	4.4	3.7	4.1	5.5	0.000	0.000	0.000	0.000
03:15:00	12.8	12.3	32.0	11.2	4.5	3.7	4.2	5.6	0.000	0.000	0.000	0.000
03:30:00	13.3	12.2	34.5	11.0	4.9	4.1	4.3	5.6	0.000	0.000	0.000	0.000
03:45:00	13.2	12.2	24.8	10.7	5.1	4.3	4.3	5.3	0.000	0.000	0.000	0.000
04:00:00	13.2	11.7	29.1	11.0	5.1	4.2	4.5	5.5	0.000	0.000	0.000	0.000
04:15:00	14.5	12.8	29.8	11.7	5.2	4.4	4.5	5.6	0.000	0.000	0.000	0.000
04:30:00	13.5	12.1	20.6	12.2	4.9	4.4	4.7	5.2	0.000	0.000	0.000	0.000
04:45:00	14.5	12.6	26.5	12.4	5.1	4.6	4.8	5.5	0.000	0.000	0.000	0.000
05:00:00	13.5	12.6	29.1	13.8	5.3	4.4	4.6	5.5	0.000	0.000	0.000	0.000
05:15:00	16.5	12.9	19.4	13.7	5.1	4.5	4.6	5.0	0.000	0.000	0.000	0.000
05:30:00	15.6	12.7	31.9	13.0	5.5	4.2	4.4	5.5	0.000	0.000	0.000	0.000
05:45:00	21.6	12.4	25.1	15.5	11.9	4.2	4.6	5.1	0.000	0.000	0.000	0.000
06:00:00	18.0	12.0	26.3	13.1	5.8	4.1	4.4	5.4	0.000	0.000	0.000	0.000
06:15:00	15.6	10.9	28.9	12.4	7.3	3.8	4.0	5.3	0.000	0.000	0.000	0.000
06:30:00	16.1	11.8	31.1	14.4	7.7	4.0	4.3	5.2	0.000	0.000	0.000	0.001
06:45:00	14.6	11.7	21.2	13.3	5.9	3.9	4.0	4.7	0.000	0.000	0.000	0.000
07:00:00	16.3	12.0	25.5	14.8	5.6	4.0	4.7	5.3	0.000	0.000	0.000	0.000
07:15:00	15.9	13.4	26.2	14.2	5.3	4.1	4.6	5.0	0.000	0.000	0.000	0.000
07:30:00	14.8	14.0	30.2	12.9	5.8	4.3	5.0	5.4	0.000	0.000	0.000	0.000
07:45:00	14.9	13.8	22.1	12.8	5.7	5.0	5.5	5.3	0.000	0.000	0.000	0.000
08:00:00	15.3	13.7	17.9	12.8	5.9	5.5	5.5	5.3	0.000	0.000	0.000	0.000
08:15:00	16.9	13.5	16.2	12.8	6.1	5.4	5.5	5.8	0.000	0.000	0.000	0.000
08:30:00	15.9	13.7	14.5	13.3	6.2	5.5	5.6	5.8	0.000	0.000	0.000	0.000
08:45:00	15.9	12.9	13.9	13.3	6.1	5.3	5.6	5.9	0.000	0.000	0.000	0.000
09:00:00	15.0	12.8	12.4	12.7	5.7	5.2	5.5	5.2	0.000	0.000	0.000	0.000
09:15:00	15.1	12.5	13.0	12.7	5.7	5.2	5.5	5.6	0.000	0.000	0.000	0.000
09:30:00	14.2	12.6	12.2	12.1	5.5	5.1	5.3	5.3	0.000	0.001	0.000	0.000
09:45:00	12.2	11.6	11.1	11.2	5.0	5.0	5.0	5.0	0.000	0.000	0.000	0.000
10:00:00	12.2	10.1	10.6	10.6	5.0	4.7	4.9	4.8	0.000	0.000	0.000	0.000
10:15:00	11.8	9.7	10.5	10.0	4.7	4.4	4.7	4.6	0.004	0.000	0.000	0.001
10:30:00	9.8	8.7	9.1	9.0	4.3	3.9	4.2	4.2	0.007	0.000	0.000	0.005
10:45:00	9.4	7.5	8.5	8.5	4.1	3.4	4.0	3.9	0.010	0.000	0.000	0.026
11:00:00	9.5	8.3	8.9	9.1	4.1	3.8	4.1	4.0	0.007	0.000	0.000	0.029
11:15:00	9.5	8.2	8.6	8.9	4.1	3.8	4.1	3.9	0.001	0.000	0.000	0.031
11:30:00	9.5	7.9	8.2	8.5	4.0	3.7	4.0	3.8	0.000	0.000	0.000	0.033
11:45:00	8.6	7.5	8.2	8.6	3.9	3.6	4.0	3.8	0.000	0.000	0.000	0.035



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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	24.0	7.5	7.4	7.8	5.4	3.5	3.7	3.6	0.000	0.000	0.000	0.028
12:15:00	8.2	7.5	7.8	8.3	3.6	3.5	3.8	3.6	0.000	0.000	0.000	0.023
12:30:00	8.5	7.0	7.9	7.8	3.7	3.4	3.7	3.6	0.000	0.000	0.000	0.017
12:45:00	9.1	7.0	7.2	7.7	3.7	3.4	3.6	3.4	0.000	0.000	0.000	0.004
13:00:00	8.0	7.6	7.5	8.4	3.7	3.7	3.9	3.4	0.000	0.000	0.000	0.000
13:15:00	8.5	7.4	7.4	8.3	3.8	3.6	3.9	3.6	0.000	0.000	0.000	0.000
13:30:00	7.8	6.8	7.1	7.8	3.6	3.4	3.7	3.4	0.000	0.000	0.000	0.000
13:45:00	8.1	7.0	7.2	7.6	3.6	3.3	3.7	3.4	0.000	0.000	0.000	0.000
14:00:00	7.9	7.0	7.2	7.2	3.4	3.1	3.4	3.2	0.000	0.000	0.000	0.000
14:15:00	7.8	7.7	7.3	7.3	3.4	3.0	3.4	3.2	0.000	0.000	0.000	0.000
14:30:00	8.7	6.4	7.1	7.4	3.6	3.0	3.5	3.2	0.000	0.000	0.000	0.000
14:45:00	8.7	7.3	8.1	7.8	3.9	3.4	3.8	3.6	0.000	0.000	0.000	0.000
15:00:00	8.6	7.1	7.8	7.9	3.9	3.5	3.9	3.7	0.000	0.000	0.000	0.000
15:15:00	8.6	6.9	7.9	7.8	3.9	3.4	3.8	3.7	0.000	0.000	0.000	0.000
15:30:00	8.2	6.3	7.8	7.3	3.5	3.0	3.5	3.6	0.000	0.000	0.000	0.000
15:45:00	6.7	5.4	6.6	6.6	3.1	2.6	3.3	3.1	0.000	0.000	0.000	0.000
16:00:00	14.0	5.3	6.2	6.1	3.8	2.6	3.0	2.8	0.000	0.000	0.000	0.000
16:15:00	6.8	6.0	11.9	6.5	3.2	2.9	3.2	3.9	0.000	0.000	0.000	0.000
16:30:00	7.7	6.4	6.6	7.1	3.4	3.2	3.3	3.1	0.000	0.000	0.000	0.000
16:45:00	7.9	6.3	7.2	6.8	3.4	3.1	3.4	3.3	0.000	0.000	0.000	0.000
17:00:00	7.8	6.6	7.0	7.3	3.5	3.1	3.5	3.3	0.000	0.000	0.000	0.000
17:15:00	7.8	6.7	7.9	8.1	3.5	3.2	3.6	3.4	0.000	0.000	0.000	0.000
17:30:00	7.4	6.4	7.1	7.2	3.3	3.1	3.3	3.3	0.000	0.000	0.000	0.000
17:45:00	13.5	6.6	7.3	6.8	4.0	3.1	3.3	3.3	0.000	0.000	0.000	0.000
18:00:00	7.7	6.6	6.9	6.6	3.3	3.1	3.2	3.2	0.000	0.003	0.000	0.000
18:15:00	7.4	6.7	7.7	6.8	3.3	3.1	3.2	3.3	0.000	0.005	0.000	0.000
18:30:00	7.5	6.4	7.2	6.6	3.2	3.1	3.2	3.2	0.000	0.006	0.000	0.000
18:45:00	7.0	6.3	7.0	6.6	3.1	3.0	3.1	3.2	0.001	0.007	0.000	0.000
19:00:00	7.1	6.4	7.6	6.5	3.2	3.0	3.1	3.2	0.001	0.009	0.000	0.000
19:15:00	7.2	6.6	9.7	6.2	3.1	2.9	2.9	3.4	0.008	0.009	0.000	0.000
19:30:00	7.1	6.3	8.5	6.2	3.1	2.9	2.9	3.1	0.009	0.011	0.000	0.000
19:45:00	7.3	6.6	8.1	6.5	3.1	2.8	2.9	3.1	0.021	0.011	0.000	0.000
20:00:00	7.1	7.7	8.1	7.1	3.1	2.9	3.1	3.1	0.037	0.012	0.000	0.002
20:15:00	7.6	8.8	8.5	8.2	3.1	2.9	3.3	3.2	0.049	0.012	0.000	0.006
20:30:00	8.0	7.3	13.7	8.8	3.2	2.9	3.5	4.0	0.059	0.013	0.013	0.010
20:45:00	8.7	7.2	18.6	7.8	3.6	3.1	3.5	4.7	0.066	0.013	0.042	0.013
21:00:00	8.8	7.5	15.8	8.1	3.6	3.2	3.5	4.4	0.073	0.013	0.067	0.015
21:15:00	8.3	7.4	9.5	7.9	3.5	3.2	3.5	3.7	0.072	0.012	0.078	0.010
21:30:00	8.4	7.0	11.6	7.6	3.5	3.1	3.4	4.0	0.068	0.010	0.083	0.006
21:45:00	8.5	7.7	11.3	7.7	3.6	3.2	3.5	3.9	0.058	0.009	0.078	0.003
22:00:00	8.4	7.5	11.4	7.7	3.6	3.2	3.6	4.0	0.051	0.008	0.074	0.000
22:15:00	8.9	7.8	8.9	7.9	3.6	3.1	3.6	3.6	0.047	0.006	0.069	0.000
22:30:00	9.2	8.2	19.5	8.5	3.7	3.3	3.6	5.0	0.040	0.005	0.062	0.000
22:45:00	9.7	7.7	15.4	11.4	3.8	3.2	4.1	4.5	0.031	0.005	0.056	0.000
23:00:00	9.5	8.2	17.0	9.1	3.8	3.2	3.7	4.5	0.027	0.003	0.047	0.000
23:15:00	9.8	8.0	20.6	8.6	3.9	3.3	3.7	5.1	0.021	0.002	0.040	0.000
23:30:00	9.4	8.1	16.9	8.4	3.9	3.3	3.5	4.5	0.015	0.001	0.035	0.000
23:45:00	9.2	8.8	21.7	8.2	3.8	3.5	3.6	5.0	0.011	0.000	0.030	0.000



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