



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-02-07

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.179 to 7.292	2943 NNE	3277 NW	2996 SW	2997 NW	Min : 39.56 Max : 80.42	Min : 19.40 Max : 90.40	Min : 29.92 Max : 30.47

Table 2 : Monitoring Summary

Site Action Level :	PM10 : 150 µg/m ³	PM2.5 : 35 µg/m ³	H2S : 10 PPM				
AQ-SN	Avg. PM10 Daily (µg/m ³)	Max. PM10-15-min Avg (µg/m ³)	Avg. PM2.5 Daily (µg/m ³)	Max. PM2.5-15-min Avg (µg/m ³)	Avg. H2S Daily (PPM)	Max. H2S-15-min Avg (PPM)	
2943	12.9	83.3	5.7	11.8	0.001	0.026	
2996	8.9	50.0	5.2	13.1	0.001	0.023	
2997	9.3	65.7	5.3	11.4	0.002	0.028	
3277	8.8	17.3	6.2	13.6	0.001	0.016	

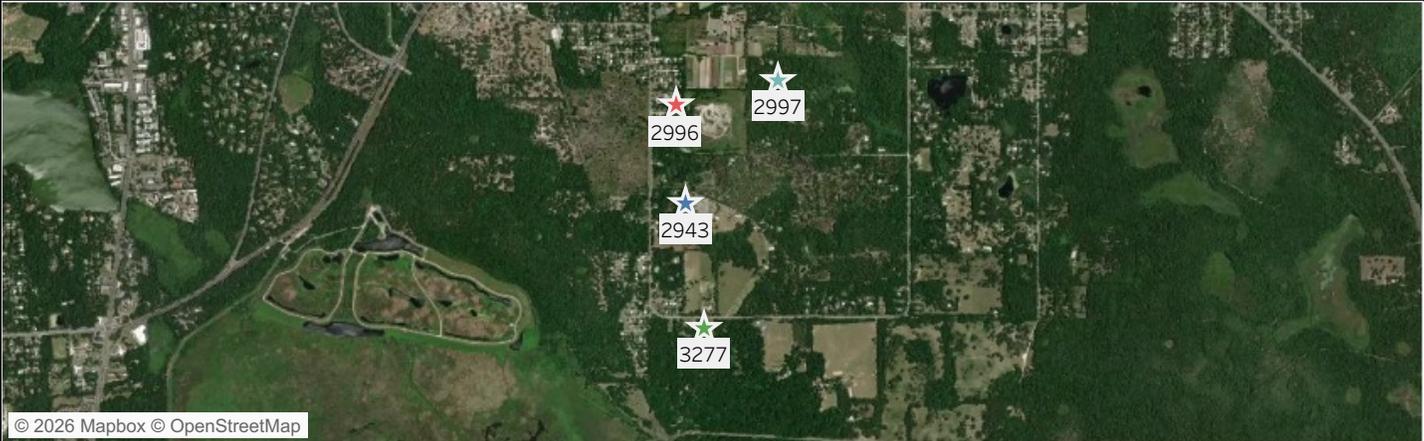


Figure 1 : Monitoring Locations

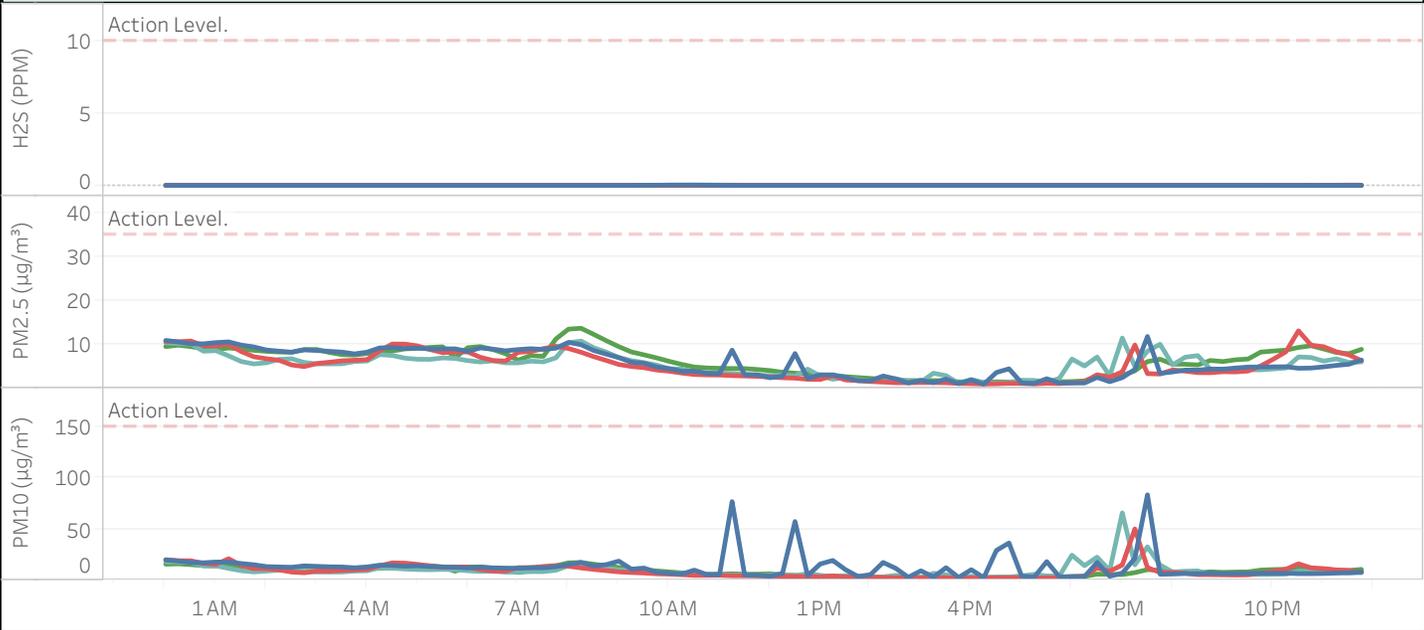


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2996 ■ 2997 ■ 3277



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Wind Rose Chart 2943

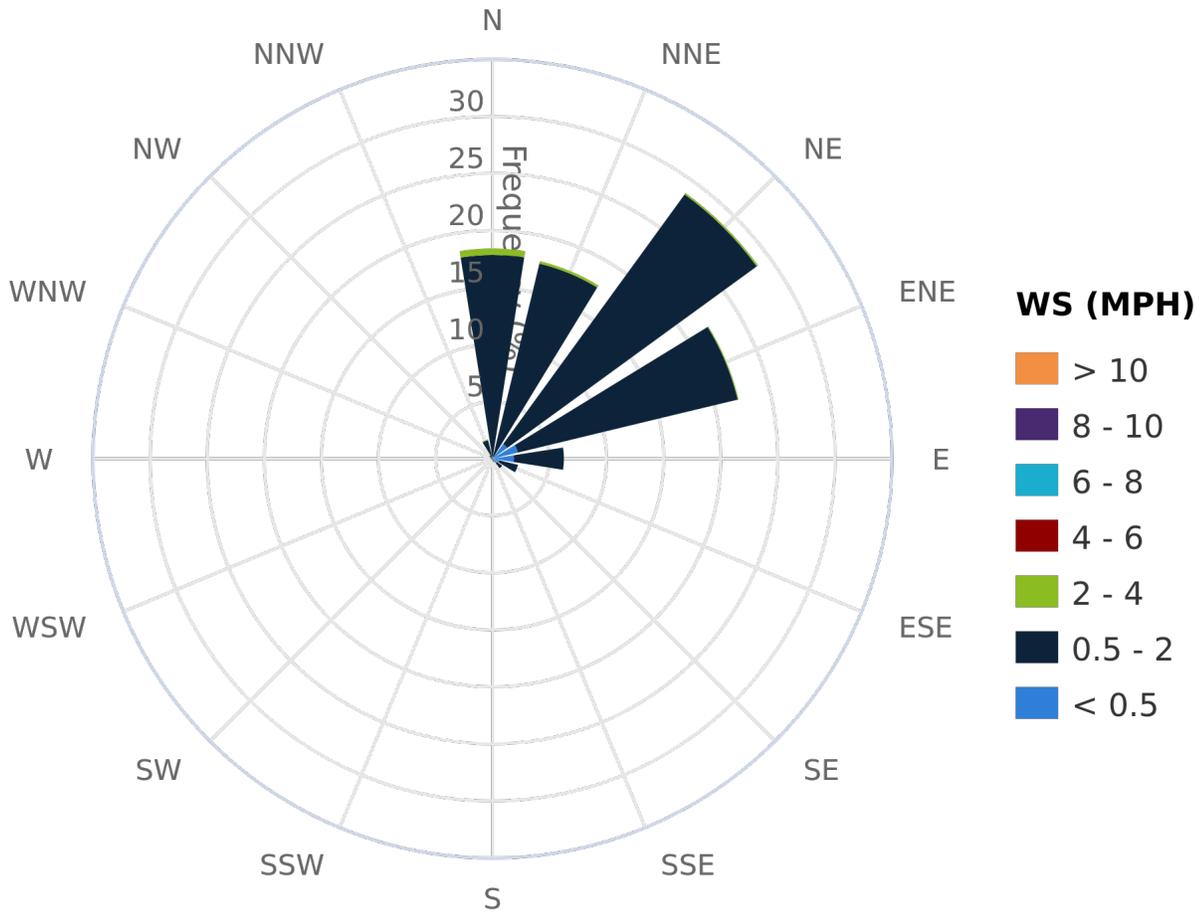


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3277

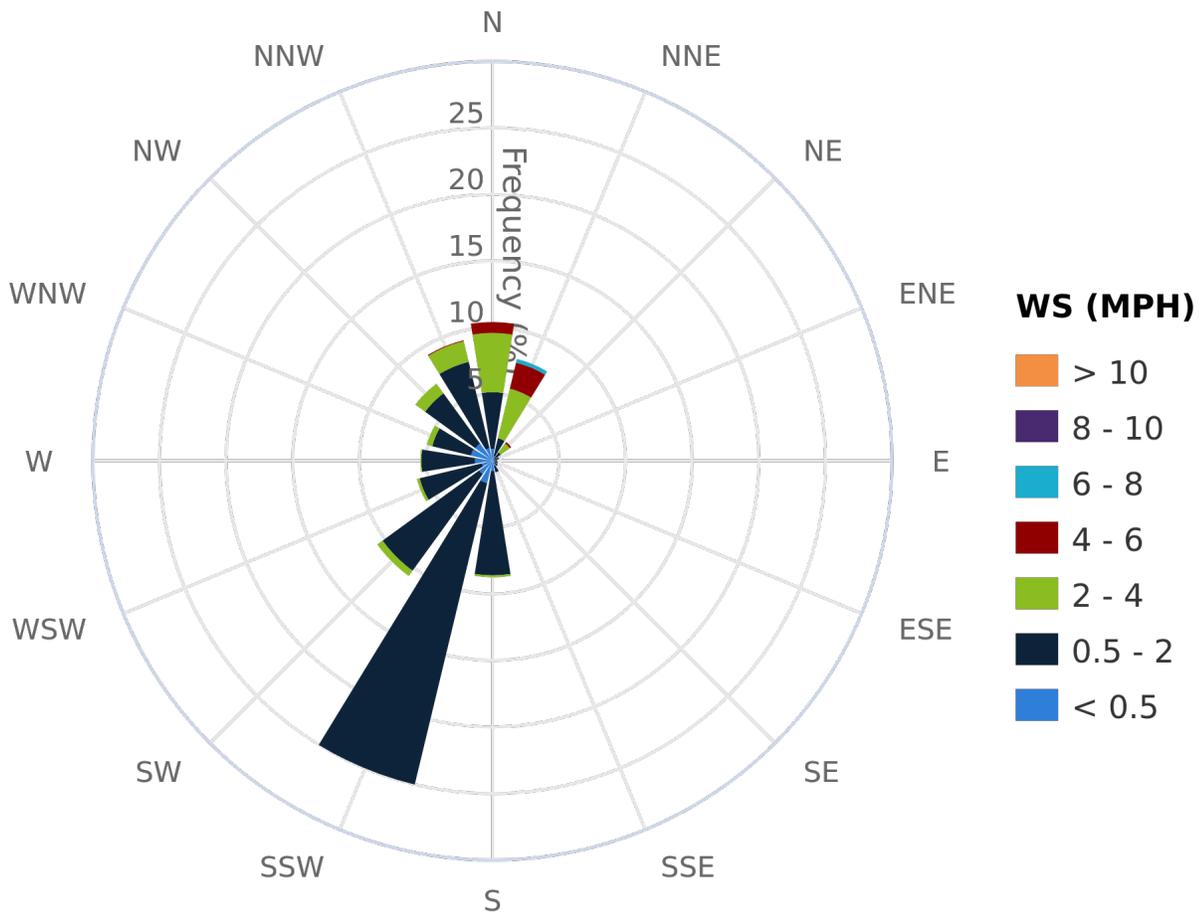


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

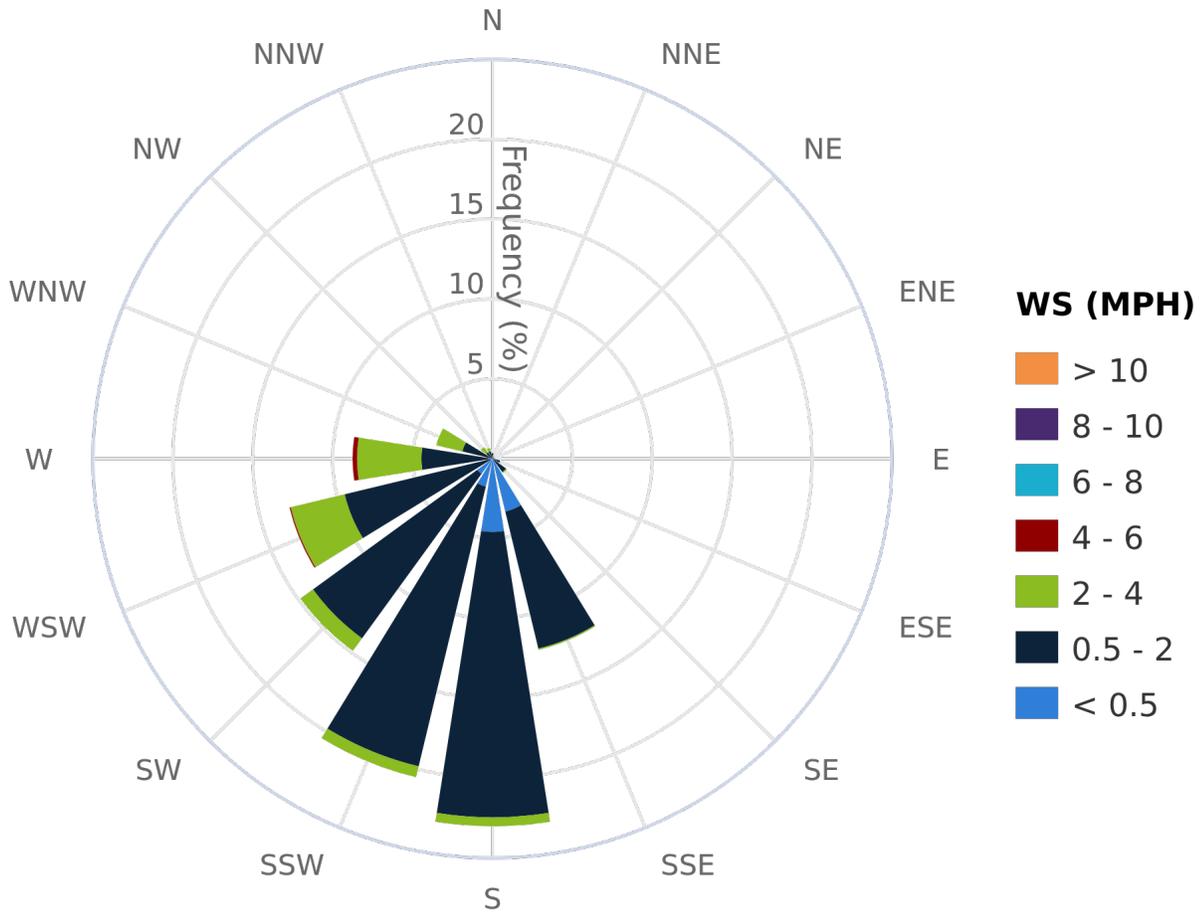


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

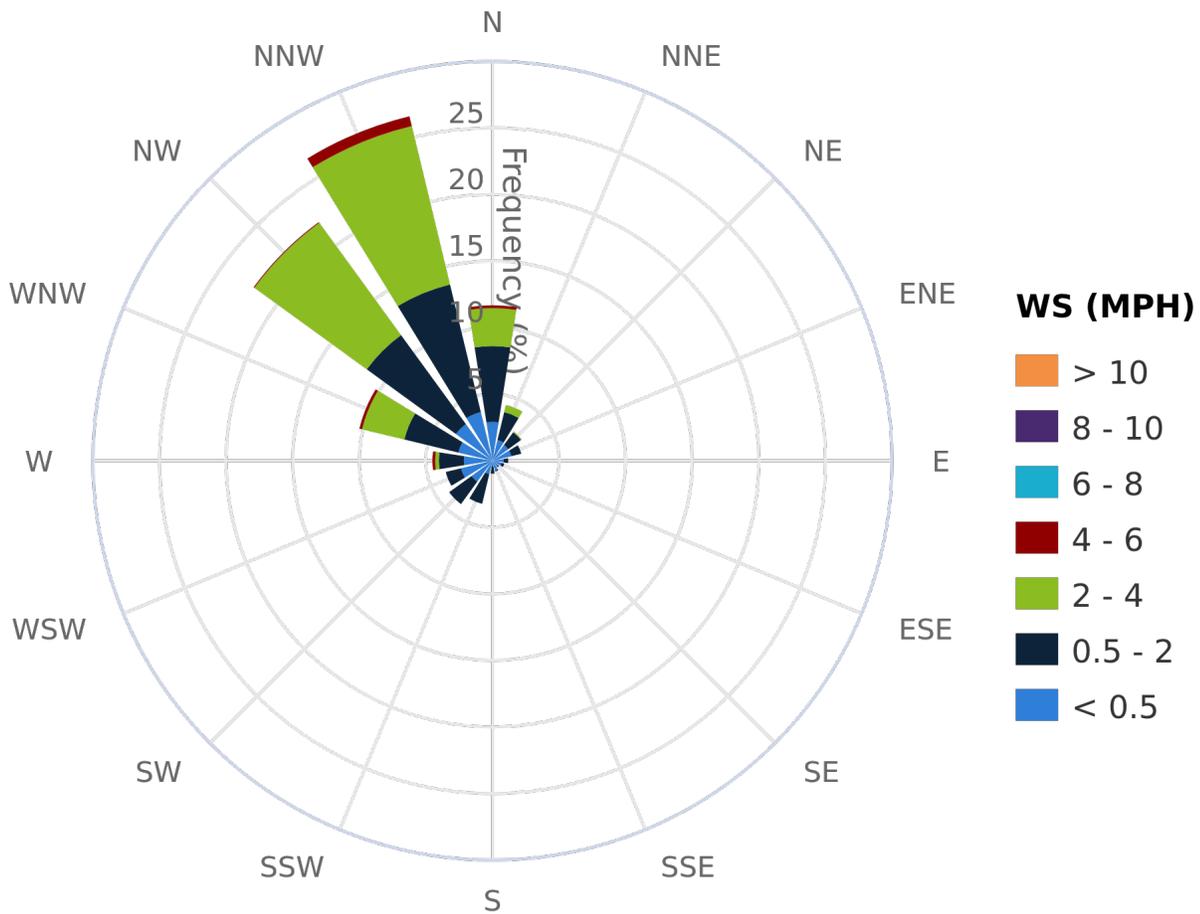


Figure 3 : Wind Rose Chart (WS in MPH)



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Table 3 : 15 Minute Average Concentrations (AM)

	Avg. 2943 - PM10 (µg/m³)	Avg. 3277 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 3277 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 3277 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
00:00:00	19.8	15.7	18.0	20.1	10.9	9.5	10.7	10.3	0.000	0.000	0.000	0.000
00:15:00	18.8	16.1	17.8	19.1	10.5	9.8	10.6	10.2	0.000	0.000	0.000	0.000
00:30:00	17.3	15.3	17.4	19.0	10.1	9.5	10.7	10.0	0.000	0.000	0.000	0.000
00:45:00	17.1	14.3	14.1	16.4	10.1	9.0	9.7	8.4	0.000	0.000	0.000	0.000
01:00:00	17.8	14.0	14.1	15.5	10.4	8.8	9.7	8.5	0.000	0.000	0.000	0.000
01:15:00	17.9	14.4	11.6	21.0	10.5	9.2	10.0	7.4	0.000	0.000	0.000	0.000
01:30:00	16.3	13.6	9.3	14.5	9.8	8.9	8.3	6.1	0.000	0.000	0.000	0.000
01:45:00	15.2	12.6	8.2	11.4	9.4	8.6	7.2	5.5	0.000	0.000	0.000	0.000
02:00:00	13.4	11.8	9.0	11.3	8.7	8.4	6.7	5.8	0.000	0.000	0.000	0.000
02:15:00	13.0	11.6	9.9	10.2	8.4	8.2	6.4	6.6	0.000	0.000	0.000	0.000
02:30:00	12.7	12.3	9.9	8.1	8.2	8.2	5.3	6.7	0.000	0.000	0.000	0.000
02:45:00	14.1	13.1	8.6	7.3	8.7	8.8	4.9	5.9	0.000	0.000	0.000	0.000
03:00:00	13.6	12.9	8.1	9.0	8.6	8.8	5.6	5.5	0.000	0.000	0.000	0.000
03:15:00	13.2	11.6	8.1	8.9	8.4	8.1	5.9	5.5	0.000	0.000	0.000	0.000
03:30:00	13.0	10.9	8.1	9.6	8.2	7.6	6.2	5.6	0.000	0.000	0.000	0.000
03:45:00	12.2	10.9	9.0	10.1	7.8	7.5	6.4	6.1	0.000	0.000	0.000	0.000
04:00:00	13.1	11.6	9.3	10.6	8.2	7.9	6.5	6.2	0.000	0.000	0.000	0.000
04:15:00	14.7	11.8	12.2	14.2	9.2	8.1	8.5	7.7	0.000	0.000	0.000	0.000
04:30:00	14.4	12.3	11.8	17.0	9.3	8.5	10.1	7.5	0.000	0.000	0.000	0.000
04:45:00	13.7	13.3	11.0	16.7	9.0	9.0	10.0	6.9	0.000	0.000	0.000	0.000
05:00:00	14.1	14.0	10.5	15.5	9.1	9.1	9.6	6.6	0.000	0.000	0.000	0.000
05:15:00	13.3	14.0	10.3	14.1	8.9	9.3	8.8	6.6	0.000	0.000	0.000	0.000
05:30:00	13.1	13.0	10.6	12.7	9.0	9.4	8.1	6.9	0.000	0.000	0.000	0.000
05:45:00	12.7	8.9	10.4	13.0	9.0	7.0	8.2	6.8	0.000	0.000	0.000	0.000
06:00:00	12.1	13.0	9.3	12.9	8.4	9.2	8.3	6.3	0.000	0.000	0.000	0.000
06:15:00	12.9	13.0	8.6	10.5	9.2	9.5	7.0	6.0	0.000	0.000	0.000	0.000
06:30:00	12.1	11.6	8.8	9.1	8.9	8.8	6.3	6.2	0.000	0.000	0.000	0.000
06:45:00	11.9	10.1	8.0	8.9	8.5	7.8	6.2	5.8	0.000	0.000	0.000	0.000
07:00:00	11.8	7.7	8.1	12.3	8.8	6.4	8.2	5.8	0.000	0.000	0.000	0.000
07:15:00	12.3	9.2	8.5	12.3	9.0	7.4	8.3	6.2	0.000	0.000	0.000	0.000
07:30:00	12.2	9.3	8.4	13.5	8.8	7.3	9.0	6.0	0.000	0.000	0.000	0.000
07:45:00	13.2	14.1	9.8	14.3	9.1	11.2	9.5	6.9	0.000	0.000	0.000	0.000
08:00:00	15.4	17.0	14.3	13.7	10.4	13.4	9.0	10.4	0.000	0.000	0.000	0.000
08:15:00	17.5	17.3	14.7	12.1	9.9	13.6	8.2	10.7	0.000	0.000	0.000	0.000
08:30:00	14.1	15.7	12.7	10.6	8.6	12.3	7.2	9.2	0.000	0.000	0.000	0.000
08:45:00	15.3	14.1	11.7	9.4	7.8	10.8	6.3	8.2	0.000	0.000	0.000	0.000
09:00:00	18.7	12.5	10.3	8.2	7.0	9.5	5.4	7.0	0.000	0.001	0.000	0.000
09:15:00	10.9	11.0	9.6	7.6	5.9	8.3	4.9	6.3	0.000	0.003	0.000	0.000
09:30:00	11.9	10.1	8.5	7.1	5.7	7.6	4.7	5.8	0.007	0.012	0.000	0.004
09:45:00	7.9	9.2	8.0	6.3	4.8	6.9	4.1	5.3	0.014	0.016	0.000	0.011
10:00:00	7.0	8.2	6.5	6.0	4.5	6.1	3.9	4.4	0.024	0.016	0.000	0.018
10:15:00	6.1	7.3	6.7	5.5	3.9	5.4	3.5	4.4	0.024	0.009	0.000	0.022
10:30:00	9.9	6.5	5.9	4.8	3.9	4.8	3.1	3.8	0.026	0.000	0.000	0.025
10:45:00	5.5	6.1	6.0	4.8	3.4	4.6	3.0	3.5	0.018	0.000	0.000	0.028
11:00:00	5.5	6.2	6.4	4.9	3.3	4.5	3.0	3.5	0.010	0.000	0.000	0.023
11:15:00	76.7	6.3	5.1	4.4	8.7	4.5	2.9	3.4	0.000	0.000	0.000	0.021
11:30:00	5.0	6.0	5.2	4.4	3.1	4.5	2.8	3.2	0.000	0.000	0.000	0.014
11:45:00	5.1	6.0	4.6	4.3	3.1	4.3	2.7	2.9	0.000	0.000	0.000	0.000



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	Avg. 2943 - PM10 (µg/m³)	Avg. 3277 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 3277 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 3277 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
12:00:00	4.0	6.3	5.0	4.1	2.4	4.0	2.6	2.9	0.000	0.000	0.000	0.000
12:15:00	6.7	5.2	5.6	4.0	2.7	3.6	2.4	3.0	0.000	0.000	0.000	0.000
12:30:00	57.3	4.8	4.4	3.7	7.9	3.4	2.3	2.8	0.000	0.000	0.000	0.000
12:45:00	4.5	4.6	6.5	3.6	2.2	3.2	2.0	4.4	0.000	0.000	0.000	0.000
13:00:00	15.9	4.2	4.9	3.3	3.1	3.0	2.0	2.8	0.000	0.000	0.000	0.000
13:15:00	19.3	4.0	3.6	4.3	3.1	2.8	2.9	2.1	0.000	0.000	0.000	0.000
13:30:00	10.4	3.8	4.6	3.2	2.5	2.6	1.9	2.4	0.000	0.000	0.000	0.000
13:45:00	3.8	3.6	3.7	3.2	1.7	2.4	1.7	1.9	0.000	0.000	0.000	0.000
14:00:00	5.5	3.4	3.3	3.0	1.7	2.2	1.5	1.6	0.000	0.000	0.000	0.000
14:15:00	17.4	3.2	3.3	2.8	2.8	2.0	1.4	1.5	0.000	0.000	0.000	0.000
14:30:00	11.7	2.9	4.8	2.5	2.1	1.8	1.3	2.2	0.000	0.000	0.000	0.000
14:45:00	3.0	3.0	3.1	2.8	1.2	1.8	1.3	1.6	0.000	0.000	0.000	0.000
15:00:00	9.2	2.9	2.6	2.4	1.8	1.7	1.3	1.4	0.000	0.000	0.000	0.000
15:15:00	3.2	2.9	6.8	2.4	1.3	1.7	1.3	3.4	0.000	0.000	0.000	0.000
15:30:00	12.3	3.2	5.4	2.6	2.1	1.7	1.2	2.9	0.000	0.000	0.000	0.000
15:45:00	2.8	2.7	2.5	2.3	1.1	1.5	1.1	1.1	0.000	0.000	0.000	0.000
16:00:00	10.3	2.5	4.0	2.3	1.9	1.5	1.1	2.0	0.000	0.000	0.000	0.000
16:15:00	2.6	2.4	3.1	2.2	0.9	1.4	1.0	1.3	0.000	0.000	0.000	0.000
16:30:00	29.1	3.0	3.0	2.4	3.6	1.5	1.0	1.1	0.000	0.000	0.000	0.000
16:45:00	36.3	2.9	3.2	2.6	4.4	1.4	1.1	1.4	0.000	0.000	0.000	0.000
17:00:00	4.3	2.7	4.3	2.6	1.2	1.4	1.1	1.8	0.000	0.000	0.000	0.000
17:15:00	3.1	2.6	5.8	2.0	1.1	1.4	1.0	1.8	0.000	0.000	0.000	0.000
17:30:00	18.2	3.0	4.3	2.5	2.2	1.5	1.1	1.4	0.000	0.000	0.000	0.000
17:45:00	3.5	2.9	4.2	2.3	1.2	1.5	1.1	2.2	0.000	0.000	0.000	0.000
18:00:00	3.5	3.8	24.5	3.3	1.2	1.5	1.3	6.6	0.000	0.000	0.000	0.000
18:15:00	3.5	3.7	14.3	4.1	1.2	1.7	1.5	5.1	0.000	0.000	0.000	0.000
18:30:00	17.4	6.0	22.6	12.0	2.5	2.7	3.1	7.1	0.000	0.000	0.000	0.000
18:45:00	3.9	5.8	9.6	8.8	1.5	2.9	2.5	2.8	0.000	0.000	0.000	0.000
19:00:00	7.0	5.6	65.7	14.9	2.4	2.9	3.7	11.4	0.000	0.000	0.000	0.000
19:15:00	21.4	7.5	15.0	50.0	4.3	4.0	9.8	5.0	0.000	0.000	0.000	0.001
19:30:00	83.3	10.4	32.6	12.3	11.8	6.1	3.3	8.4	0.000	0.000	0.000	0.002
19:45:00	5.9	9.6	14.9	7.7	3.4	6.6	3.2	10.0	0.000	0.000	0.000	0.004
20:00:00	6.1	7.6	8.1	7.7	3.7	5.5	4.2	5.3	0.000	0.000	0.000	0.001
20:15:00	6.6	8.0	8.9	6.9	4.1	5.5	3.9	7.1	0.000	0.001	0.000	0.000
20:30:00	6.5	7.2	9.1	5.5	4.1	5.3	3.5	7.4	0.000	0.001	0.000	0.000
20:45:00	7.0	8.3	5.7	5.5	4.4	6.3	3.5	4.3	0.000	0.000	0.000	0.000
21:00:00	6.5	7.7	5.8	5.3	4.3	6.1	3.8	4.4	0.000	0.000	0.000	0.002
21:15:00	6.6	8.1	5.9	5.1	4.6	6.5	3.7	4.3	0.001	0.000	0.000	0.000
21:30:00	6.7	8.2	5.9	5.3	4.8	6.7	3.9	4.2	0.001	0.003	0.000	0.000
21:45:00	6.8	9.9	5.7	6.9	4.9	8.2	5.1	4.2	0.000	0.002	0.000	0.000
22:00:00	6.8	10.4	5.8	8.9	4.9	8.5	6.6	4.4	0.000	0.006	0.000	0.000
22:15:00	6.9	10.7	6.0	10.8	4.9	8.7	8.3	4.6	0.000	0.008	0.003	0.000
22:30:00	6.5	11.1	8.9	16.1	4.5	9.3	13.1	7.1	0.000	0.008	0.007	0.000
22:45:00	6.5	11.7	8.6	12.1	4.6	9.7	9.8	7.0	0.000	0.008	0.012	0.000
23:00:00	6.6	10.9	7.7	11.4	4.9	8.9	9.4	6.2	0.000	0.006	0.010	0.000
23:15:00	7.0	9.9	8.5	10.1	5.2	8.1	8.3	6.7	0.000	0.006	0.018	0.000
23:30:00	7.3	9.6	7.4	9.5	5.5	7.9	7.6	5.9	0.000	0.007	0.023	0.000
23:45:00	8.2	10.6	7.4	7.8	6.4	8.9	6.3	6.0	0.000	0.001	0.020	0.000



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

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