



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-01-08

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.1570 Max : 25.43	2943 ENE	3277 E	2996 SE	2997 WSW	Min : 55.04 Max : 86.18	Min : 52.70 Max : 89.70	Min : 29.99 Max : 30.23

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	12.1	16.5	6.3	8.9	0.002	0.025
2996	11.8	17.5	6.5	10.2	0.000	0.000
2997	14.9	22.5	7.5	12.0	0.002	0.019
3277	14.0	19.7	9.7	14.7	0.005	0.035

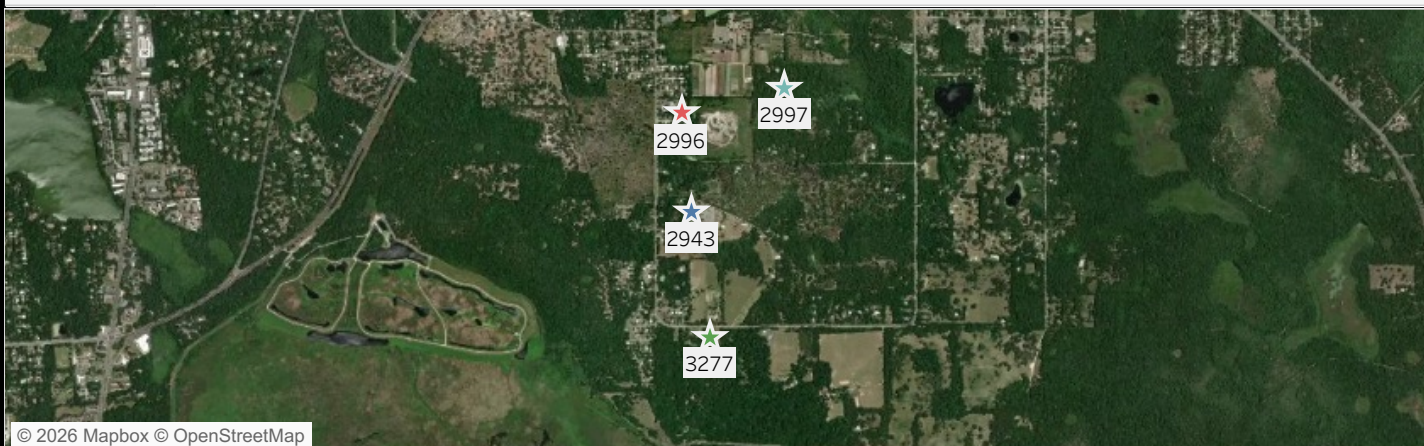


Figure 1 : Monitoring Locations

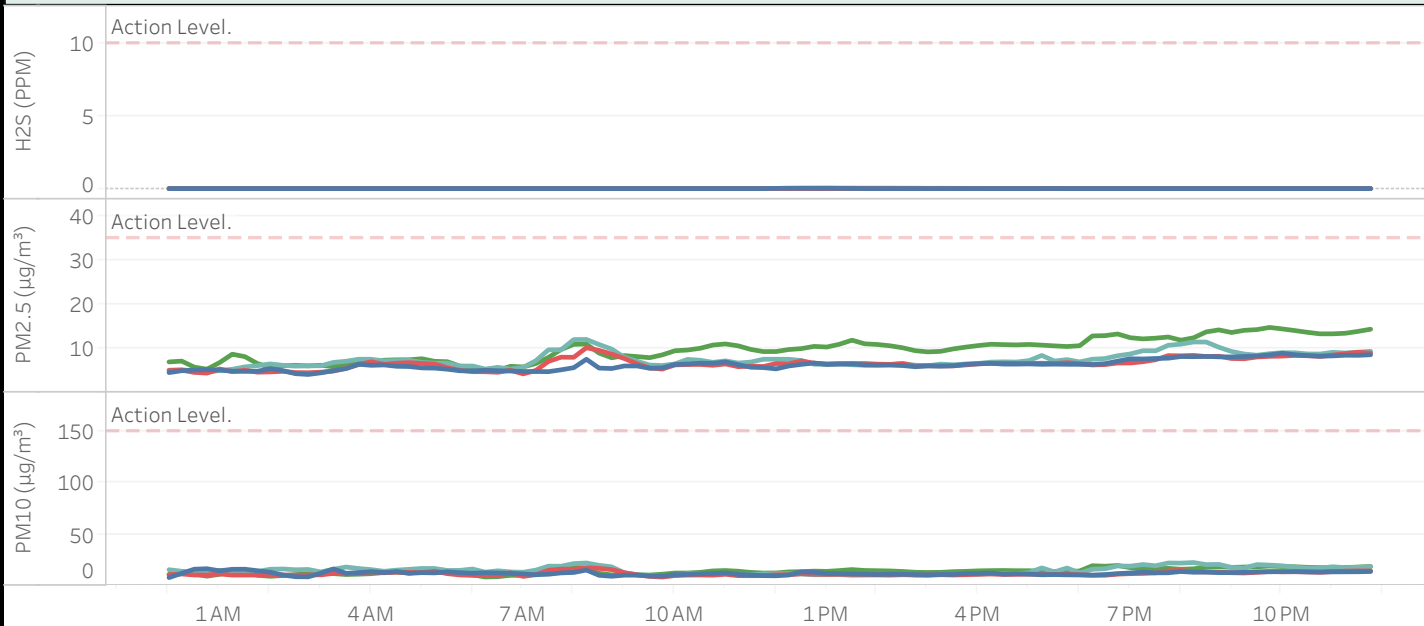


Figure 2 : 15 Minutes Average Concentrations

2943 2996 2997 3277



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Wind Rose Chart 2943

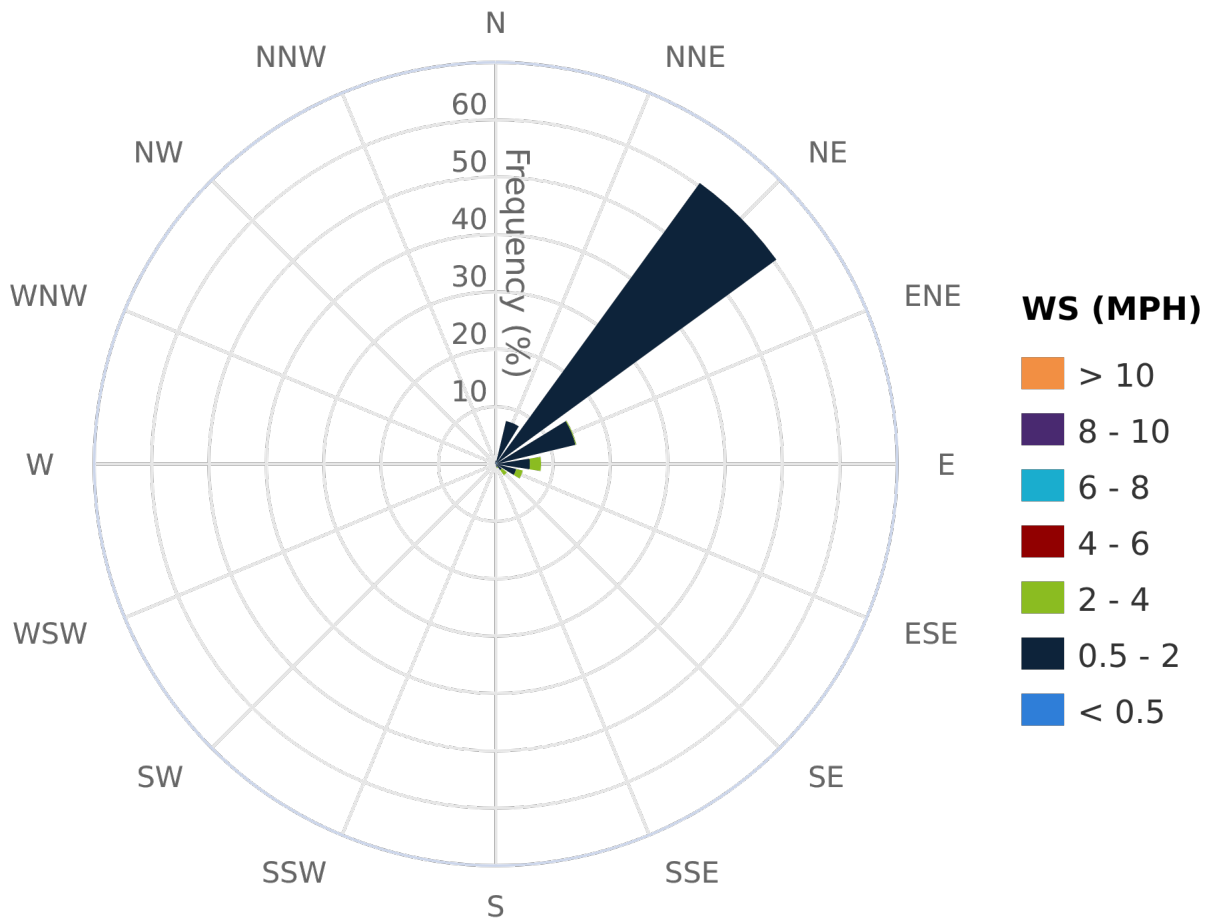


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3277

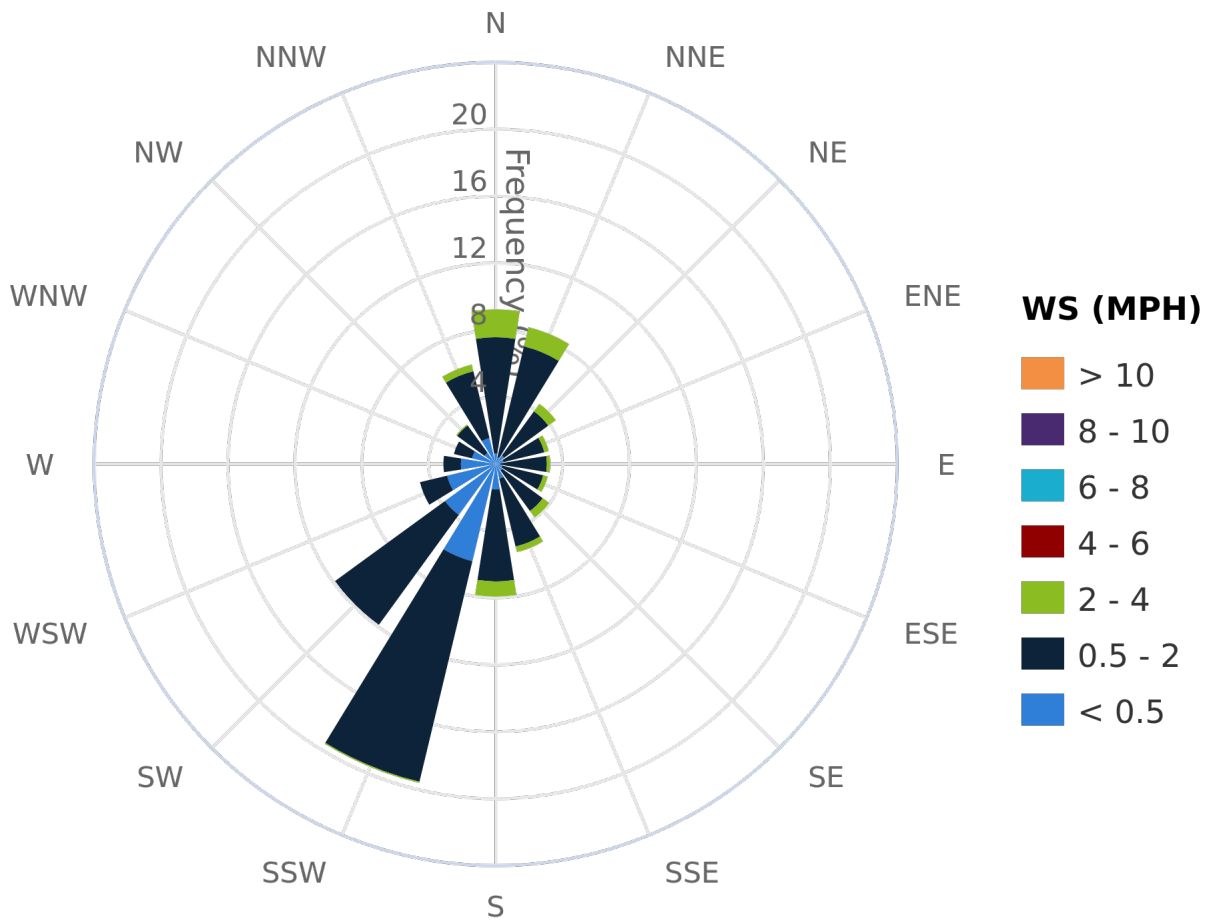


Figure 3 : Wind Rose Chart (WS in MPH)



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Date : 2026-01-08

Wind Rose Chart 2996

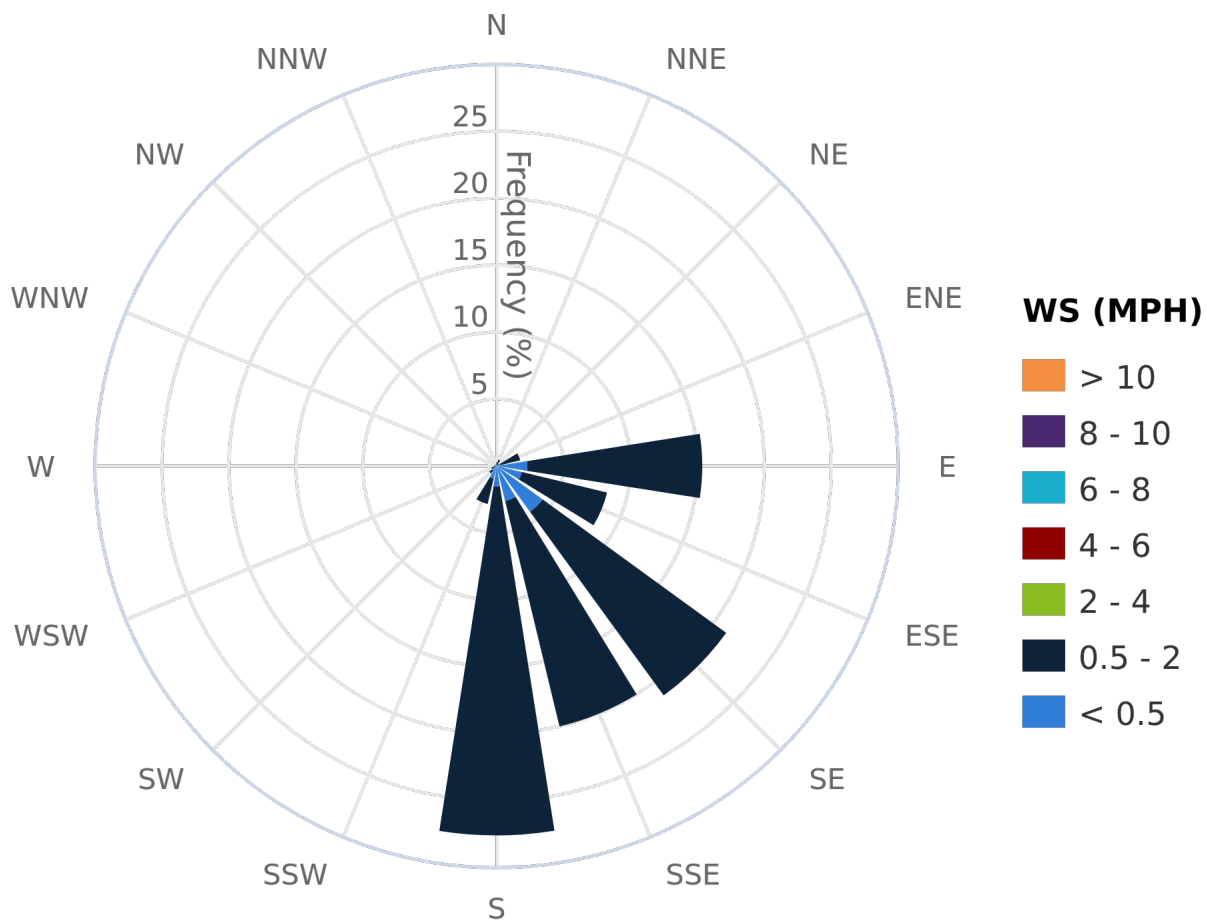


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

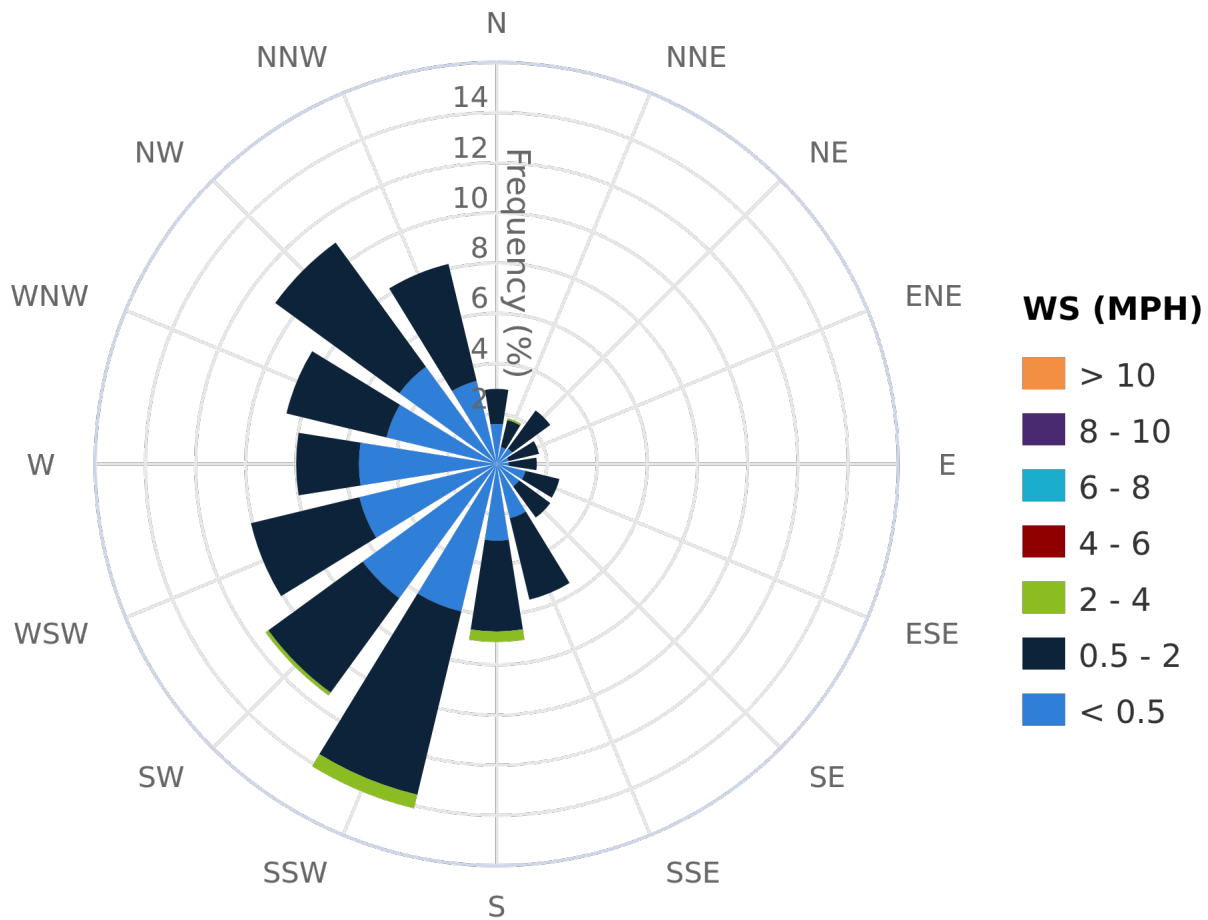


Figure 3 : Wind Rose Chart (WS in MPH)



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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	7.9	11.0	15.6	10.7	4.5	6.9	5.0	5.1	0.000	0.000	0.000	0.000
00:15:00	12.0	14.0	14.0	11.4	5.0	7.1	5.1	5.2	0.000	0.000	0.000	0.000
00:30:00	16.0	11.4	12.8	10.4	5.1	5.8	4.6	4.9	0.000	0.000	0.000	0.000
00:45:00	16.5	9.3	13.4	10.4	5.2	5.3	4.4	4.6	0.000	0.000	0.000	0.000
01:00:00	14.5	11.1	14.9	11.4	5.1	6.8	5.3	5.0	0.000	0.000	0.000	0.000
01:15:00	15.9	14.8	14.2	10.3	4.8	8.7	4.8	5.3	0.000	0.000	0.000	0.000
01:30:00	16.0	13.1	14.5	10.4	4.8	8.1	5.0	5.8	0.000	0.000	0.000	0.000
01:45:00	14.6	10.1	13.7	10.4	4.8	6.6	4.6	6.1	0.000	0.000	0.000	0.000
02:00:00	13.1	9.2	16.0	10.1	5.4	5.7	4.7	6.5	0.000	0.000	0.000	0.000
02:15:00	10.4	9.9	16.2	10.4	5.0	6.1	4.8	6.2	0.000	0.000	0.000	0.000
02:30:00	8.8	10.8	15.5	10.3	4.3	6.2	4.5	6.0	0.000	0.000	0.000	0.000
02:45:00	8.6	11.7	15.8	10.5	4.1	6.0	4.5	6.1	0.000	0.000	0.000	0.000
03:00:00	12.2	12.3	13.4	10.5	4.5	6.2	4.6	6.1	0.000	0.000	0.000	0.000
03:15:00	16.3	11.8	16.0	12.0	5.0	5.8	4.9	6.8	0.000	0.000	0.000	0.000
03:30:00	12.1	10.9	18.1	11.6	5.4	6.5	5.5	7.1	0.000	0.000	0.000	0.000
03:45:00	12.8	11.2	16.7	12.0	6.4	6.6	6.4	7.6	0.000	0.000	0.000	0.000
04:00:00	13.6	11.7	15.6	13.4	6.2	6.7	7.0	7.5	0.000	0.000	0.000	0.000
04:15:00	12.8	12.8	14.0	12.6	6.3	7.3	6.4	7.2	0.000	0.000	0.000	0.000
04:30:00	13.7	13.2	15.2	13.1	6.0	7.4	6.6	7.2	0.000	0.001	0.000	0.000
04:45:00	12.0	12.3	15.9	12.9	5.9	7.4	6.8	7.3	0.000	0.000	0.000	0.000
05:00:00	12.7	13.8	16.8	12.8	5.6	7.7	6.6	6.8	0.000	0.000	0.000	0.000
05:15:00	12.5	13.4	16.7	14.0	5.5	7.1	6.5	6.7	0.000	0.000	0.000	0.000
05:30:00	13.5	13.5	14.8	11.7	5.3	7.0	5.6	6.7	0.000	0.000	0.000	0.000
05:45:00	12.7	11.2	14.9	10.5	4.9	6.0	5.0	6.0	0.000	0.000	0.000	0.000
06:00:00	12.1	10.6	16.2	10.1	4.9	5.9	4.7	6.0	0.000	0.001	0.000	0.000
06:15:00	12.7	8.5	13.2	10.0	5.1	5.0	4.7	5.3	0.000	0.001	0.000	0.000
06:30:00	12.4	8.8	14.5	9.9	5.0	5.1	4.6	5.7	0.000	0.000	0.000	0.000
06:45:00	12.1	10.1	13.4	12.7	4.9	5.9	5.1	5.3	0.000	0.000	0.000	0.000
07:00:00	11.5	10.0	13.1	9.0	4.8	5.8	4.2	5.7	0.000	0.000	0.000	0.000
07:15:00	10.7	11.7	15.1	10.7	4.8	6.6	5.0	7.2	0.000	0.001	0.000	0.000
07:30:00	11.2	14.3	19.0	15.0	4.7	8.0	7.1	9.7	0.000	0.000	0.000	0.000
07:45:00	12.5	16.2	19.0	16.1	5.2	9.8	8.0	9.7	0.000	0.000	0.000	0.000
08:00:00	12.9	18.5	21.5	16.0	5.6	10.9	8.0	12.0	0.000	0.000	0.000	0.000
08:15:00	15.2	16.8	22.1	17.5	7.5	11.0	10.2	12.0	0.000	0.000	0.000	0.000
08:30:00	10.1	12.0	19.8	16.8	5.5	8.9	9.6	10.9	0.000	0.000	0.000	0.000
08:45:00	9.2	10.5	18.3	15.6	5.4	7.9	8.7	9.8	0.000	0.000	0.000	0.000
09:00:00	10.3	11.0	12.5	12.7	6.0	8.4	7.7	8.0	0.000	0.000	0.000	0.000
09:15:00	10.3	10.7	10.9	10.5	6.0	8.1	6.5	7.1	0.000	0.000	0.000	0.000
09:30:00	9.5	10.4	9.7	9.1	5.5	7.9	5.6	6.2	0.000	0.000	0.000	0.000
09:45:00	9.4	11.2	9.2	8.4	5.6	8.5	5.3	6.1	0.000	0.000	0.000	0.000
10:00:00	10.8	12.4	9.9	9.9	6.4	9.5	6.3	6.5	0.000	0.000	0.000	0.000
10:15:00	11.0	12.4	11.6	10.3	6.5	9.6	6.4	7.5	0.000	0.000	0.000	0.000
10:30:00	11.5	13.0	11.4	10.4	6.7	10.0	6.4	7.3	0.000	0.000	0.000	0.000
10:45:00	11.9	14.4	11.0	10.3	6.6	10.8	6.2	6.9	0.000	0.000	0.000	0.000
11:00:00	12.4	14.7	11.8	11.1	6.9	11.0	6.5	7.2	0.000	0.001	0.000	0.000
11:15:00	11.0	14.1	10.5	9.8	6.3	10.6	5.9	6.7	0.000	0.000	0.000	0.000
11:30:00	10.5	12.9	10.7	9.7	5.7	9.8	6.0	6.9	0.000	0.000	0.000	0.000
11:45:00	9.8	12.3	11.5	9.8	5.7	9.3	5.9	7.5	0.002	0.008	0.000	0.001



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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	9.7	12.4	11.7	10.6	5.4	9.3	6.6	7.6	0.016	0.016	0.000	0.008
12:15:00	10.5	13.4	11.6	10.5	6.0	9.7	6.5	7.5	0.024	0.024	0.000	0.015
12:30:00	13.5	13.7	11.4	11.7	6.4	10.0	7.1	7.3	0.025	0.026	0.000	0.019
12:45:00	13.1	14.2	10.7	11.2	6.7	10.5	6.7	6.4	0.023	0.029	0.000	0.019
13:00:00	11.8	14.0	10.8	11.1	6.4	10.3	6.5	6.4	0.022	0.035	0.000	0.018
13:15:00	11.7	14.7	10.8	11.1	6.4	10.9	6.6	6.6	0.018	0.032	0.000	0.015
13:30:00	11.4	15.7	10.1	11.1	6.5	11.9	6.6	6.3	0.007	0.032	0.000	0.005
13:45:00	11.2	14.8	10.3	11.0	6.3	11.0	6.6	6.2	0.001	0.029	0.000	0.000
14:00:00	10.9	14.6	10.4	10.8	6.2	10.9	6.4	6.2	0.000	0.030	0.000	0.000
14:15:00	11.2	14.4	10.1	10.9	6.2	10.6	6.4	6.3	0.000	0.030	0.000	0.000
14:30:00	11.1	13.8	10.6	11.2	6.1	10.1	6.6	6.6	0.000	0.025	0.000	0.004
14:45:00	10.9	13.1	10.3	10.5	5.9	9.5	6.0	6.2	0.000	0.026	0.000	0.005
15:00:00	10.6	12.9	10.1	10.5	6.0	9.2	6.1	6.1	0.000	0.020	0.000	0.002
15:15:00	10.9	13.0	10.8	10.7	6.0	9.3	6.0	6.4	0.000	0.023	0.000	0.002
15:30:00	11.0	13.7	11.0	10.4	6.1	9.9	6.0	6.3	0.000	0.020	0.000	0.004
15:45:00	11.8	14.0	11.3	10.7	6.4	10.3	6.3	6.5	0.000	0.018	0.000	0.001
16:00:00	11.9	14.5	11.1	11.1	6.5	10.6	6.5	6.6	0.000	0.018	0.000	0.006
16:15:00	12.4	14.7	12.1	11.4	6.6	10.9	6.6	6.9	0.000	0.013	0.000	0.005
16:30:00	11.3	14.8	11.7	10.9	6.4	10.8	6.6	7.0	0.000	0.015	0.000	0.004
16:45:00	11.6	14.6	11.8	11.0	6.4	10.8	6.6	6.9	0.000	0.011	0.000	0.006
17:00:00	11.3	14.6	12.7	11.2	6.5	10.9	6.6	7.2	0.001	0.010	0.000	0.005
17:15:00	10.6	14.2	17.3	11.2	6.4	10.7	6.7	8.4	0.002	0.004	0.000	0.003
17:30:00	10.8	13.9	13.4	10.9	6.4	10.6	6.6	7.1	0.003	0.006	0.000	0.001
17:45:00	10.6	13.8	17.2	11.2	6.4	10.4	6.8	7.5	0.001	0.005	0.000	0.000
18:00:00	10.5	14.3	12.4	10.7	6.4	10.6	6.5	6.9	0.001	0.001	0.000	0.000
18:15:00	10.3	19.4	16.0	10.2	6.4	12.8	6.3	7.6	0.000	0.000	0.000	0.000
18:30:00	10.9	18.9	16.5	10.2	6.5	12.9	6.3	7.7	0.000	0.000	0.000	0.000
18:45:00	11.8	19.7	19.2	11.2	7.1	13.3	6.7	8.3	0.000	0.000	0.000	0.000
19:00:00	12.5	17.6	19.0	11.7	7.7	12.4	6.7	8.7	0.000	0.000	0.000	0.000
19:15:00	13.2	16.3	20.6	12.0	7.6	12.1	7.0	9.5	0.000	0.000	0.000	0.000
19:30:00	12.5	16.7	19.4	12.5	7.7	12.3	7.4	9.5	0.000	0.000	0.000	0.000
19:45:00	12.6	16.9	22.1	14.5	7.8	12.6	8.4	10.7	0.000	0.000	0.000	0.000
20:00:00	13.8	16.0	21.9	14.8	8.2	11.9	8.3	11.0	0.000	0.000	0.000	0.000
20:15:00	13.1	16.4	22.5	13.7	8.1	12.4	8.4	11.4	0.000	0.000	0.000	0.000
20:30:00	13.2	18.0	20.5	13.4	8.2	13.7	8.2	11.4	0.000	0.000	0.000	0.000
20:45:00	12.7	18.4	20.7	13.3	8.1	14.2	8.2	10.3	0.000	0.000	0.000	0.000
21:00:00	12.8	17.8	17.8	12.6	8.1	13.6	7.7	9.3	0.000	0.000	0.000	0.000
21:15:00	13.1	18.1	17.1	12.4	8.2	14.1	7.7	8.7	0.000	0.000	0.000	0.000
21:30:00	13.5	18.4	20.5	13.0	8.3	14.2	8.1	8.5	0.000	0.000	0.000	0.000
21:45:00	13.5	19.1	20.0	13.8	8.5	14.7	8.2	8.8	0.000	0.000	0.000	0.000
22:00:00	13.8	18.6	19.3	13.5	8.9	14.4	8.3	9.0	0.000	0.000	0.000	0.000
22:15:00	13.8	18.4	18.0	13.6	8.6	14.0	8.4	9.0	0.000	0.000	0.000	0.000
22:30:00	13.4	17.9	17.2	13.4	8.4	13.6	8.3	8.7	0.000	0.000	0.000	0.000
22:45:00	13.3	17.6	17.2	13.0	8.2	13.3	8.2	8.7	0.000	0.000	0.000	0.000
23:00:00	13.4	17.6	18.4	13.8	8.3	13.3	8.5	9.1	0.000	0.000	0.000	0.000
23:15:00	13.5	17.7	17.6	14.2	8.5	13.4	8.8	9.0	0.000	0.000	0.000	0.000
23:30:00	13.6	18.1	17.9	14.4	8.4	13.8	9.1	9.1	0.000	0.000	0.000	0.000
23:45:00	13.8	18.7	18.4	14.3	8.6	14.3	8.9	9.3	0.000	0.000	0.000	0.000



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