



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-01-06

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.1570 Max : 12.57	2943 E	3277 SSW	2996 S	2997 SSW	Min : 50.00 Max : 81.32	Min : 51.90 Max : 88.30	Min : 29.98 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	14.9	24.6	7.0	15.0	0.003	0.028
2996	14.2	30.3	7.2	12.6	0.000	0.008
2997	17.1	31.9	8.3	16.4	0.003	0.022
3277	16.6	32.0	9.5	24.4	0.005	0.035

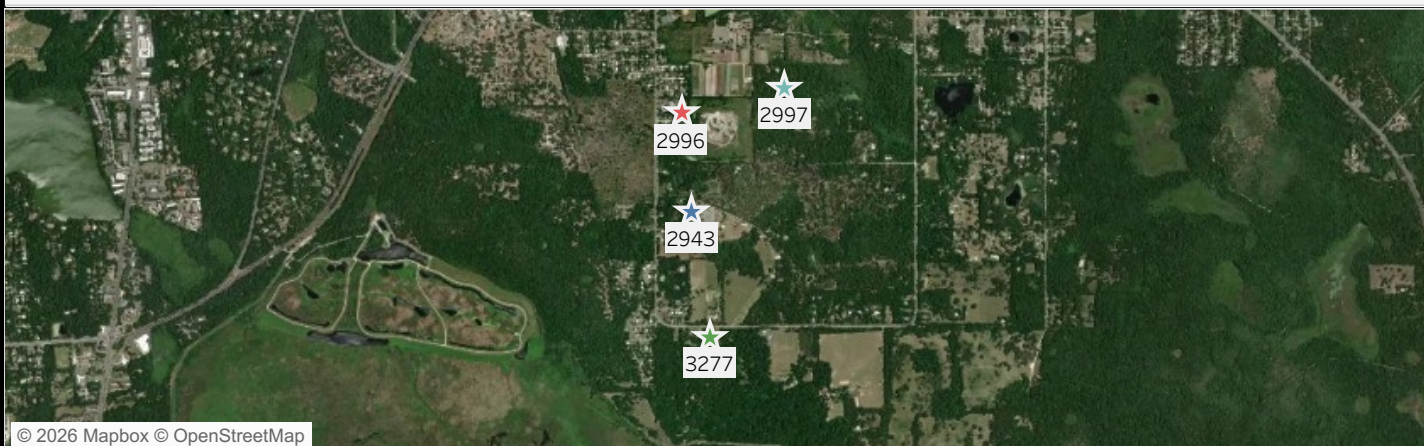


Figure 1 : Monitoring Locations

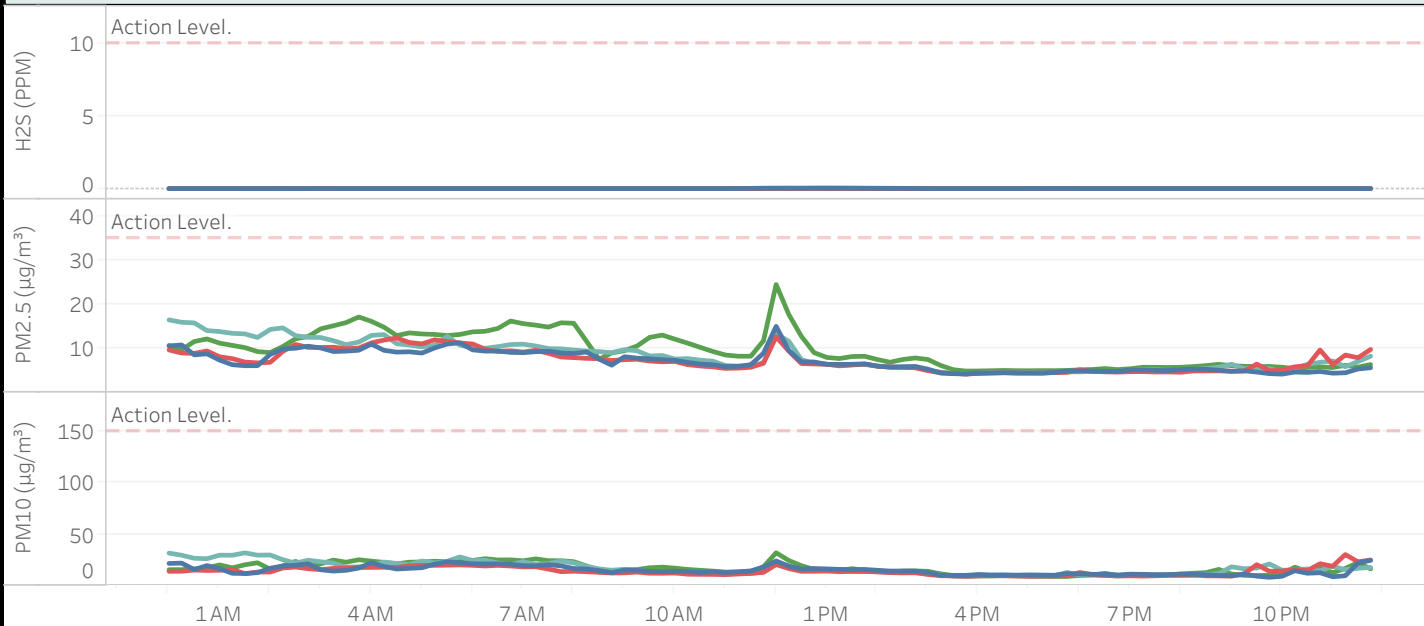


Figure 2 : 15 Minutes Average Concentrations

2943 2996 2997 3277



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Wind Rose Chart 2943

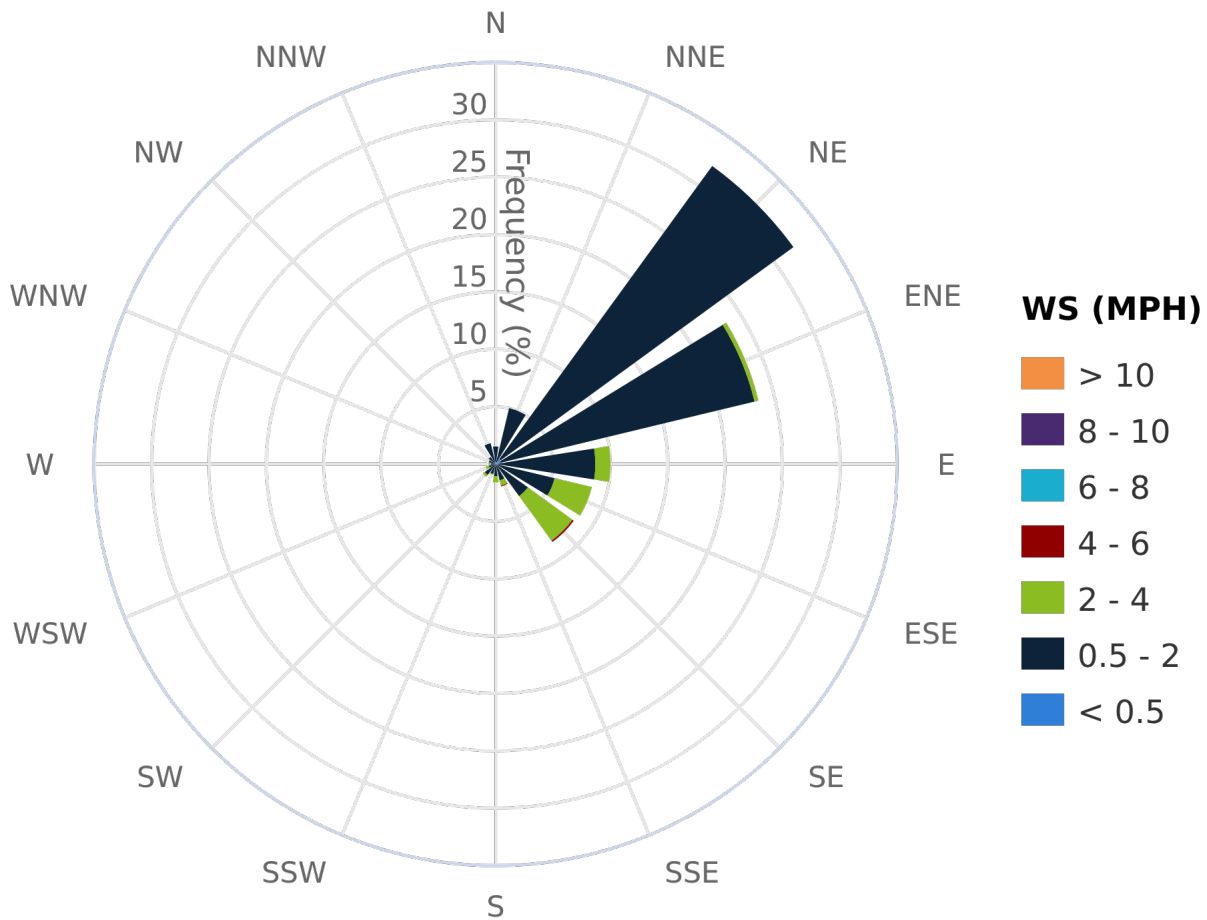


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3277

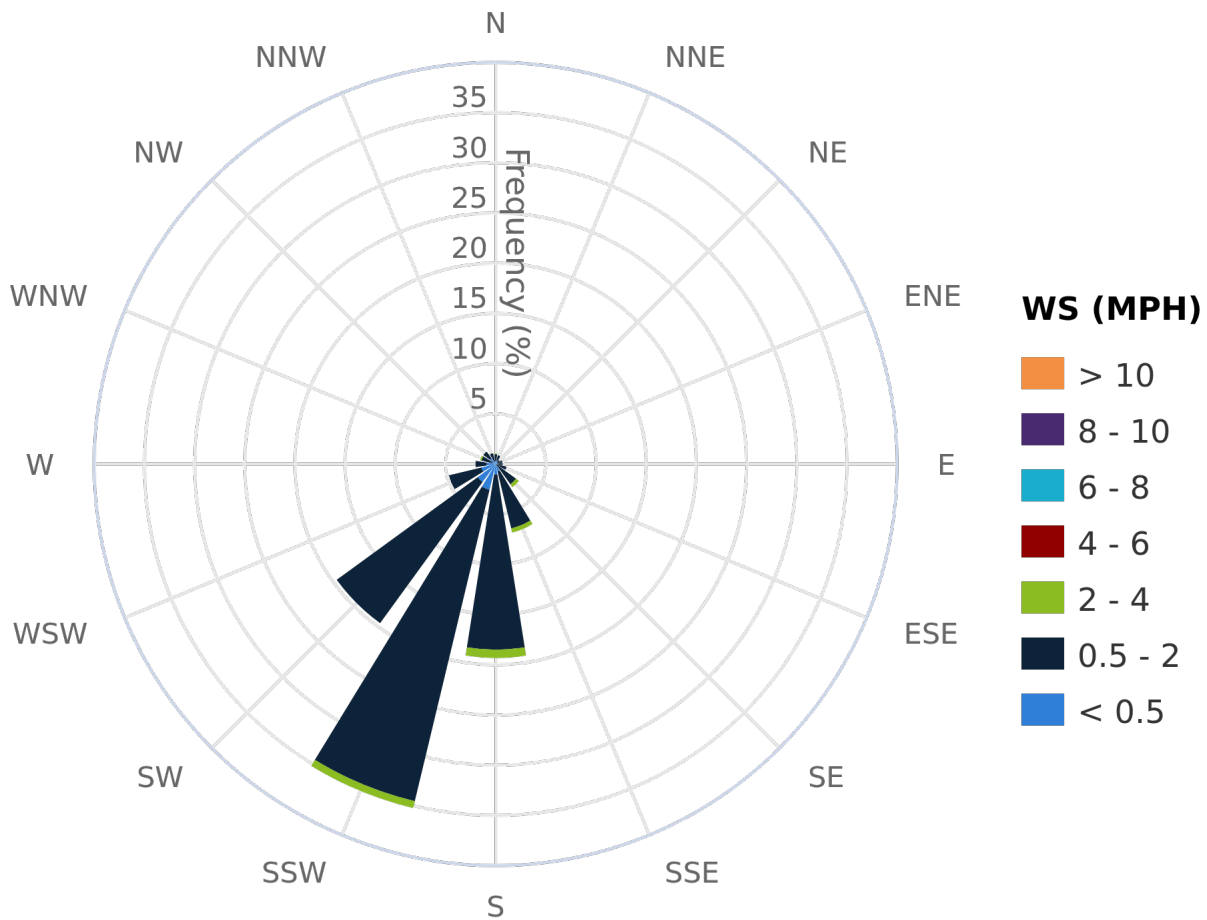


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

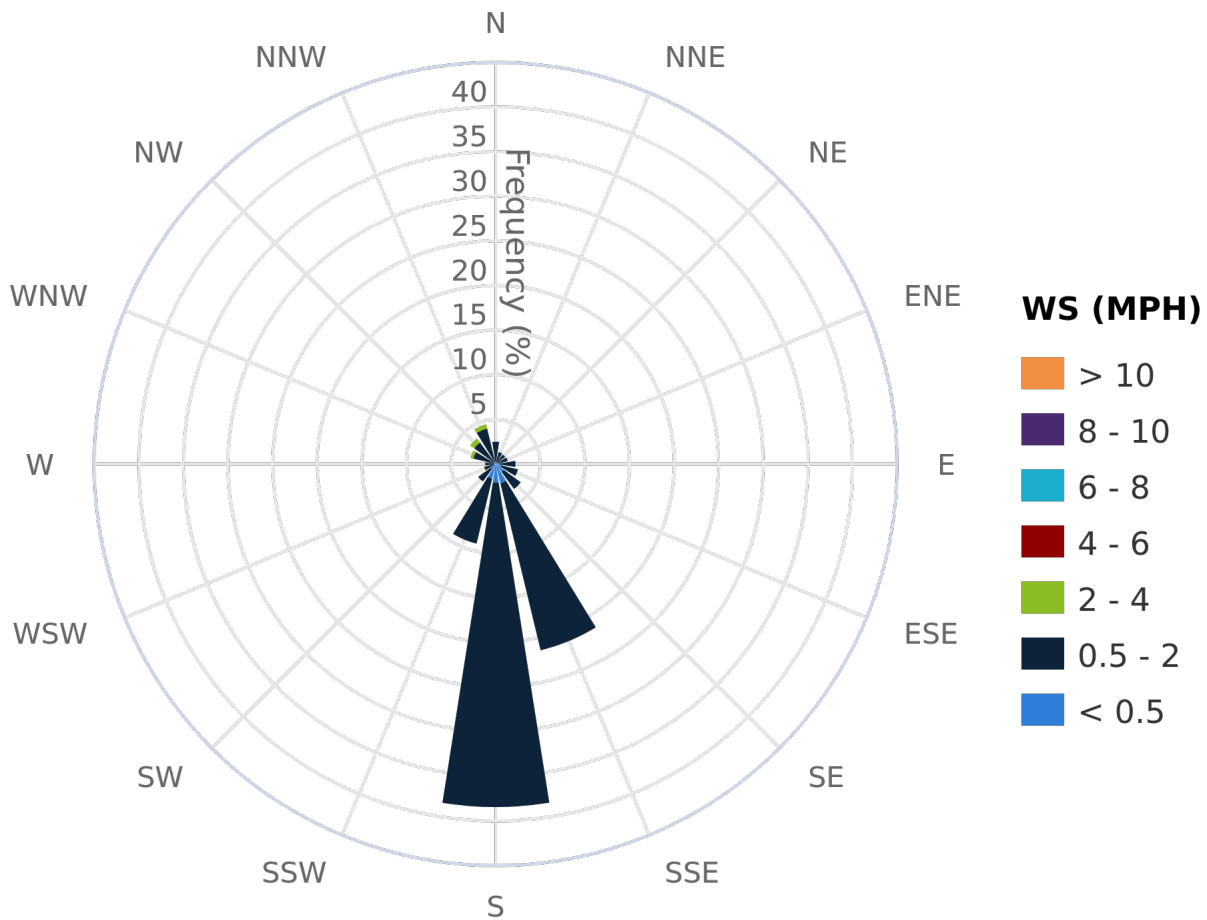


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

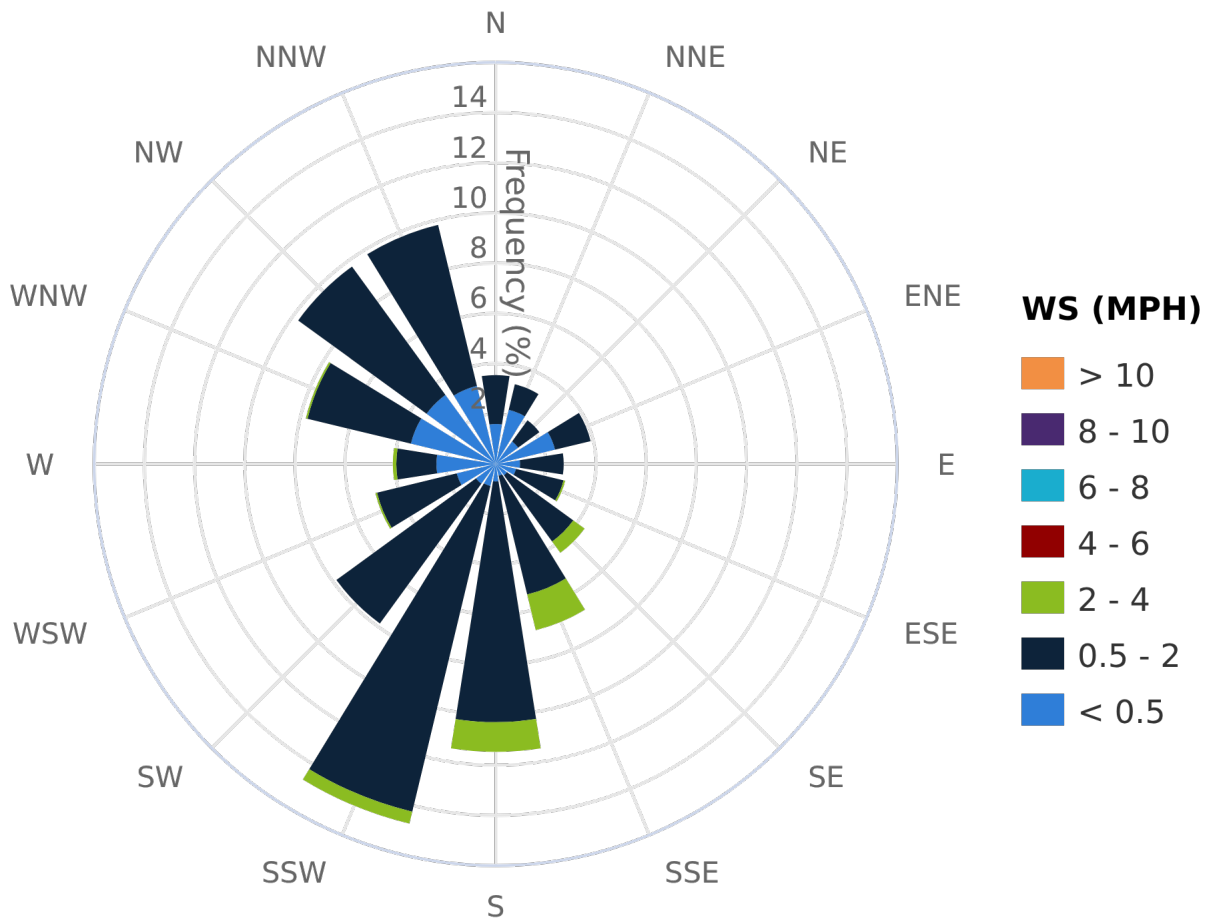


Figure 3 : Wind Rose Chart (WS in MPH)



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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	21.6	15.6	31.6	14.0	10.6	10.7	9.6	16.4	0.000	0.000	0.000	0.000
00:15:00	21.9	15.6	29.6	14.1	10.8	9.7	9.0	15.9	0.000	0.000	0.000	0.000
00:30:00	15.7	16.4	26.6	15.2	8.5	11.6	8.9	15.8	0.000	0.000	0.000	0.000
00:45:00	19.5	17.4	26.2	14.8	8.8	12.1	9.4	14.0	0.000	0.000	0.000	0.000
01:00:00	16.5	20.2	29.6	15.0	7.4	11.2	8.1	13.8	0.000	0.000	0.000	0.000
01:15:00	12.1	17.3	29.6	15.8	6.3	10.7	7.7	13.4	0.000	0.000	0.000	0.000
01:30:00	11.8	20.3	31.9	11.7	6.1	10.2	6.9	13.3	0.000	0.001	0.002	0.000
01:45:00	12.7	22.3	29.6	13.3	6.1	9.3	6.7	12.5	0.000	0.000	0.002	0.000
02:00:00	17.0	16.1	29.8	13.3	8.6	9.0	6.8	14.3	0.000	0.003	0.004	0.000
02:15:00	19.1	19.4	25.2	17.2	9.9	10.4	9.3	14.6	0.000	0.001	0.008	0.000
02:30:00	19.9	23.7	22.0	18.1	10.0	12.2	10.9	12.9	0.000	0.004	0.003	0.000
02:45:00	21.3	18.4	24.7	16.5	10.5	12.7	10.2	12.5	0.000	0.001	0.001	0.000
03:00:00	15.5	21.2	23.3	15.6	10.1	14.4	10.2	12.4	0.005	0.000	0.000	0.000
03:15:00	14.2	24.9	21.9	16.9	9.3	15.1	10.3	11.7	0.002	0.001	0.001	0.000
03:30:00	15.0	22.8	17.9	17.2	9.4	15.8	9.9	10.8	0.000	0.002	0.000	0.000
03:45:00	17.1	25.2	18.4	17.7	9.6	17.1	10.1	11.4	0.000	0.000	0.000	0.000
04:00:00	22.3	23.9	19.8	17.7	11.0	16.1	11.2	12.9	0.000	0.001	0.000	0.000
04:15:00	18.6	22.6	23.0	17.9	9.6	14.8	11.9	13.1	0.000	0.000	0.000	0.000
04:30:00	16.2	21.2	21.7	17.7	9.2	12.9	12.4	11.0	0.000	0.000	0.000	0.000
04:45:00	16.9	22.8	20.4	19.3	9.2	13.5	11.3	10.8	0.000	0.000	0.000	0.000
05:00:00	17.5	23.0	23.9	19.7	8.9	13.3	11.0	10.3	0.000	0.000	0.000	0.000
05:15:00	21.0	23.8	22.1	19.8	10.1	13.2	11.9	10.7	0.000	0.001	0.000	0.000
05:30:00	23.3	23.4	23.8	19.9	11.0	12.9	11.6	12.7	0.000	0.000	0.000	0.000
05:45:00	22.4	24.1	27.9	20.2	11.3	13.1	11.2	10.7	0.000	0.000	0.000	0.000
06:00:00	21.2	24.6	24.5	19.8	9.7	13.7	11.0	10.2	0.000	0.002	0.000	0.000
06:15:00	21.1	26.2	24.7	19.2	9.4	13.9	9.8	10.0	0.000	0.000	0.000	0.000
06:30:00	21.3	25.0	22.1	19.7	9.4	14.5	9.3	10.4	0.000	0.000	0.000	0.000
06:45:00	20.9	25.1	20.4	19.2	9.1	16.2	9.5	10.9	0.000	0.000	0.000	0.000
07:00:00	19.4	24.2	23.3	18.2	9.0	15.6	9.2	10.9	0.000	0.000	0.000	0.000
07:15:00	19.4	26.1	20.6	18.4	9.3	15.2	9.6	10.5	0.000	0.000	0.000	0.000
07:30:00	20.4	24.3	21.5	16.2	9.4	14.8	8.9	10.0	0.000	0.001	0.000	0.000
07:45:00	19.3	24.3	23.9	13.7	9.0	15.8	8.1	9.9	0.000	0.000	0.000	0.000
08:00:00	16.7	23.3	22.1	14.1	8.8	15.7	7.9	9.6	0.000	0.000	0.000	0.000
08:15:00	16.2	19.3	19.0	13.6	9.2	11.6	7.7	9.4	0.000	0.000	0.000	0.000
08:30:00	14.7	13.0	16.3	13.1	7.6	7.6	7.7	9.3	0.000	0.000	0.000	0.000
08:45:00	12.7	14.1	15.1	12.3	6.2	9.0	7.3	9.0	0.000	0.000	0.000	0.000
09:00:00	15.2	15.0	15.9	12.5	8.1	9.5	7.4	9.7	0.000	0.000	0.000	0.000
09:15:00	15.0	15.8	15.4	13.2	7.8	10.5	7.5	9.5	0.000	0.000	0.000	0.000
09:30:00	14.0	17.5	13.5	12.2	7.7	12.5	7.1	8.3	0.000	0.000	0.000	0.000
09:45:00	13.7	18.0	13.5	12.1	7.4	13.0	7.0	8.4	0.000	0.000	0.000	0.000
10:00:00	14.0	17.1	12.4	12.4	7.3	12.1	7.0	7.6	0.000	0.000	0.000	0.000
10:15:00	13.7	15.8	13.3	11.2	6.8	11.2	6.3	7.7	0.000	0.000	0.000	0.000
10:30:00	12.9	15.0	12.5	11.1	6.5	10.2	6.0	7.3	0.000	0.000	0.000	0.000
10:45:00	13.6	14.2	12.6	11.0	6.3	9.3	5.8	7.1	0.000	0.000	0.000	0.000
11:00:00	12.8	13.2	11.6	10.8	5.9	8.5	5.5	6.1	0.001	0.006	0.000	0.001
11:15:00	13.5	13.3	11.9	11.4	5.9	8.2	5.6	6.0	0.007	0.012	0.000	0.001
11:30:00	14.4	13.9	12.0	11.9	6.3	8.2	5.7	6.0	0.014	0.019	0.000	0.002
11:45:00	18.0	18.4	13.9	13.0	8.9	11.7	6.6	6.8	0.025	0.022	0.000	0.014



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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	24.0	32.0	21.5	20.5	15.0	24.4	12.6	13.3	0.025	0.027	0.000	0.017
12:15:00	18.9	24.5	19.7	16.7	9.5	17.7	9.4	11.6	0.028	0.025	0.000	0.022
12:30:00	16.2	19.4	14.8	14.0	7.0	12.7	6.6	7.4	0.026	0.025	0.000	0.021
12:45:00	16.7	15.9	14.4	14.1	6.9	9.0	6.5	6.6	0.028	0.030	0.000	0.022
13:00:00	16.3	14.9	14.1	14.6	6.4	8.0	6.4	6.4	0.028	0.034	0.000	0.021
13:15:00	15.9	14.6	14.1	13.6	6.4	7.7	6.1	6.2	0.025	0.035	0.000	0.020
13:30:00	15.6	16.6	13.8	14.1	6.4	8.2	6.3	6.3	0.025	0.032	0.000	0.018
13:45:00	15.8	14.9	13.8	13.8	6.5	8.2	6.5	6.4	0.018	0.029	0.000	0.012
14:00:00	15.0	13.9	13.6	13.4	6.0	7.5	6.0	6.1	0.017	0.027	0.000	0.010
14:15:00	14.3	13.2	13.0	12.7	5.8	6.9	5.8	5.7	0.011	0.024	0.000	0.013
14:30:00	14.3	14.2	12.7	12.4	5.9	7.5	5.7	5.7	0.015	0.018	0.000	0.014
14:45:00	14.3	14.3	12.9	12.6	5.9	7.8	5.6	5.7	0.010	0.019	0.000	0.010
15:00:00	12.8	14.0	11.6	10.9	5.3	7.5	5.0	5.1	0.000	0.019	0.000	0.002
15:15:00	10.2	11.6	10.4	9.7	4.4	6.2	4.5	4.6	0.000	0.016	0.000	0.000
15:30:00	10.1	9.8	9.3	9.5	4.3	5.2	4.4	4.4	0.000	0.015	0.000	0.002
15:45:00	10.1	9.4	9.0	9.2	4.2	4.9	4.2	4.2	0.000	0.013	0.000	0.006
16:00:00	10.9	9.7	9.5	9.5	4.4	4.9	4.3	4.4	0.000	0.016	0.000	0.008
16:15:00	10.5	9.5	10.1	9.7	4.4	5.0	4.4	4.5	0.000	0.011	0.000	0.007
16:30:00	10.6	9.8	9.7	9.7	4.5	5.0	4.5	4.6	0.000	0.008	0.000	0.006
16:45:00	10.3	9.6	10.0	9.5	4.5	5.0	4.4	4.5	0.000	0.008	0.000	0.006
17:00:00	10.6	9.3	9.8	9.2	4.4	4.9	4.4	4.5	0.003	0.000	0.000	0.004
17:15:00	10.4	9.0	9.3	9.5	4.4	5.0	4.4	4.5	0.004	0.000	0.000	0.004
17:30:00	10.2	8.9	9.8	9.5	4.5	5.0	4.6	4.5	0.008	0.000	0.000	0.001
17:45:00	11.8	9.0	12.9	9.6	4.9	5.0	4.6	4.7	0.006	0.000	0.000	0.000
18:00:00	11.5	9.9	10.3	12.9	4.9	5.1	5.2	4.7	0.000	0.000	0.000	0.000
18:15:00	11.1	10.6	10.2	10.8	4.9	5.2	4.8	4.8	0.000	0.000	0.000	0.000
18:30:00	11.1	12.0	10.0	10.0	4.8	5.4	4.7	4.7	0.000	0.000	0.000	0.000
18:45:00	10.5	10.1	9.6	9.4	4.8	5.2	4.6	4.8	0.000	0.000	0.000	0.000
19:00:00	11.3	10.3	10.2	9.6	5.1	5.4	4.7	5.0	0.000	0.000	0.000	0.000
19:15:00	11.1	10.4	10.5	9.4	5.1	5.7	4.8	5.3	0.000	0.000	0.000	0.000
19:30:00	10.6	10.3	10.8	9.6	5.0	5.7	4.7	5.2	0.000	0.000	0.000	0.000
19:45:00	10.7	10.8	10.3	10.1	5.0	5.7	4.7	5.0	0.000	0.000	0.000	0.000
20:00:00	11.3	11.4	10.3	10.1	5.2	5.7	4.6	5.0	0.000	0.000	0.000	0.000
20:15:00	11.1	12.2	10.2	10.4	5.3	5.9	4.9	5.3	0.000	0.000	0.000	0.000
20:30:00	10.7	12.8	11.0	9.6	5.3	6.1	4.9	5.5	0.000	0.000	0.000	0.000
20:45:00	9.9	15.9	11.8	9.6	5.1	6.4	4.9	5.7	0.000	0.000	0.000	0.000
21:00:00	9.8	11.4	18.4	9.3	4.8	6.1	4.8	6.4	0.000	0.000	0.000	0.000
21:15:00	11.2	10.1	16.4	11.6	4.9	6.0	4.9	5.4	0.000	0.000	0.000	0.000
21:30:00	9.3	9.9	17.2	20.4	4.6	5.9	6.5	5.4	0.000	0.000	0.000	0.000
21:45:00	8.2	10.2	21.2	14.0	4.3	5.9	5.0	5.4	0.000	0.000	0.000	0.000
22:00:00	9.2	11.7	15.0	14.3	4.2	5.7	5.1	4.7	0.000	0.000	0.000	0.000
22:15:00	14.6	18.0	15.4	15.8	4.7	5.4	5.8	5.6	0.000	0.000	0.000	0.000
22:30:00	12.1	14.0	16.4	14.7	4.6	5.7	6.0	6.4	0.000	0.000	0.000	0.000
22:45:00	12.6	17.5	14.5	21.4	4.8	5.8	9.6	6.8	0.000	0.000	0.000	0.000
23:00:00	8.7	12.6	18.9	18.9	4.4	5.7	6.3	7.2	0.000	0.000	0.000	0.000
23:15:00	9.7	16.9	15.6	30.3	4.5	6.2	8.5	5.8	0.000	0.000	0.000	0.000
23:30:00	22.1	22.4	17.0	23.2	5.3	5.8	7.9	7.0	0.000	0.000	0.000	0.000
23:45:00	24.6	16.4	17.7	25.0	5.6	6.3	9.8	8.2	0.000	0.000	0.000	0.000



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