



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-01-05

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.1340 Max : 28.28	2943 ENE	3277 NW	2996 S	2997 NW	Min : 52.34 Max : 81.50	Min : 47.30 Max : 90.50	Min : 30.02 Max : 30.28

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	14.6	32.7	8.4	13.5	0.005	0.041
2996	13.3	23.1	8.0	12.7	0.000	0.001
2997	16.1	32.0	8.8	14.7	0.006	0.038
3277	17.4	30.1	12.1	21.0	0.007	0.045

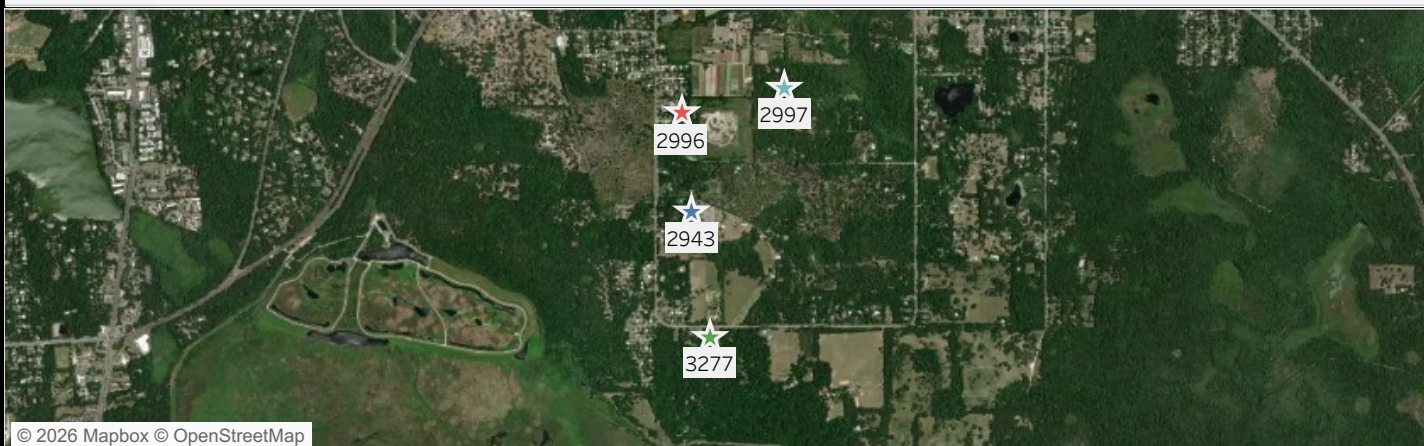
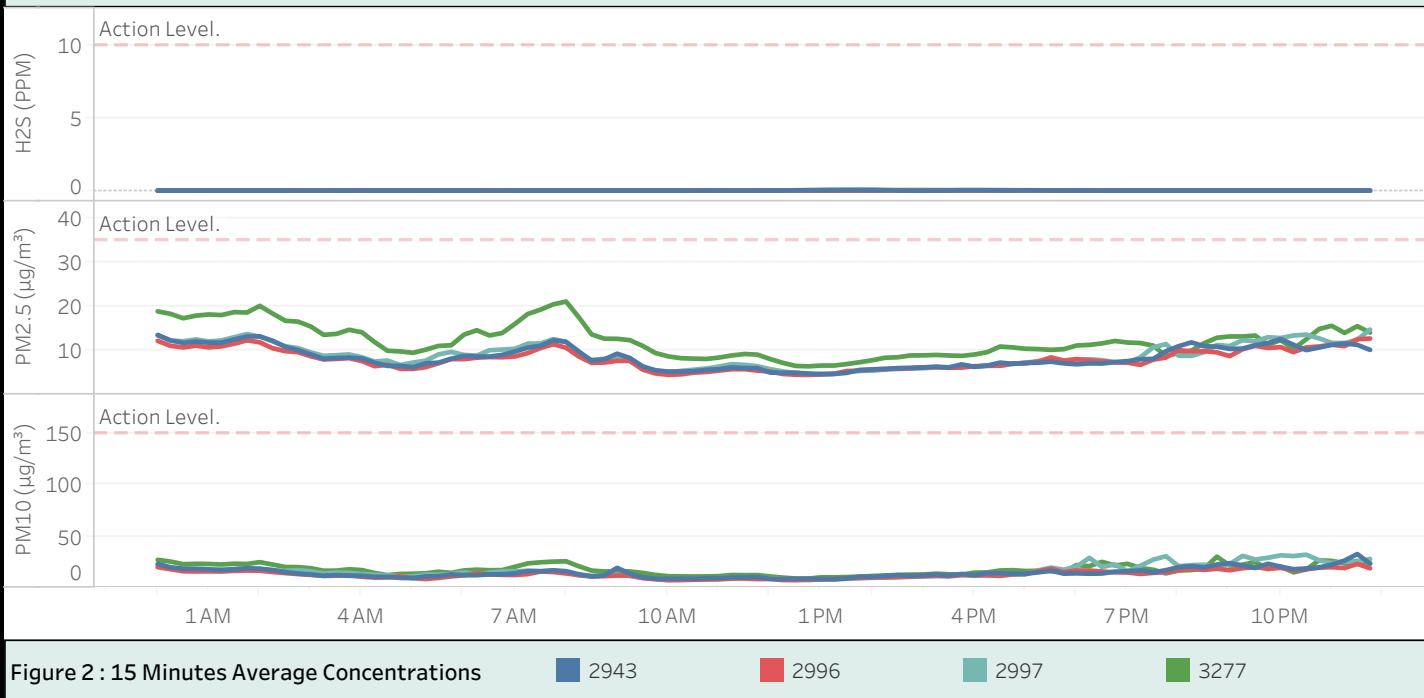


Figure 1 : Monitoring Locations





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Wind Rose Chart 2943

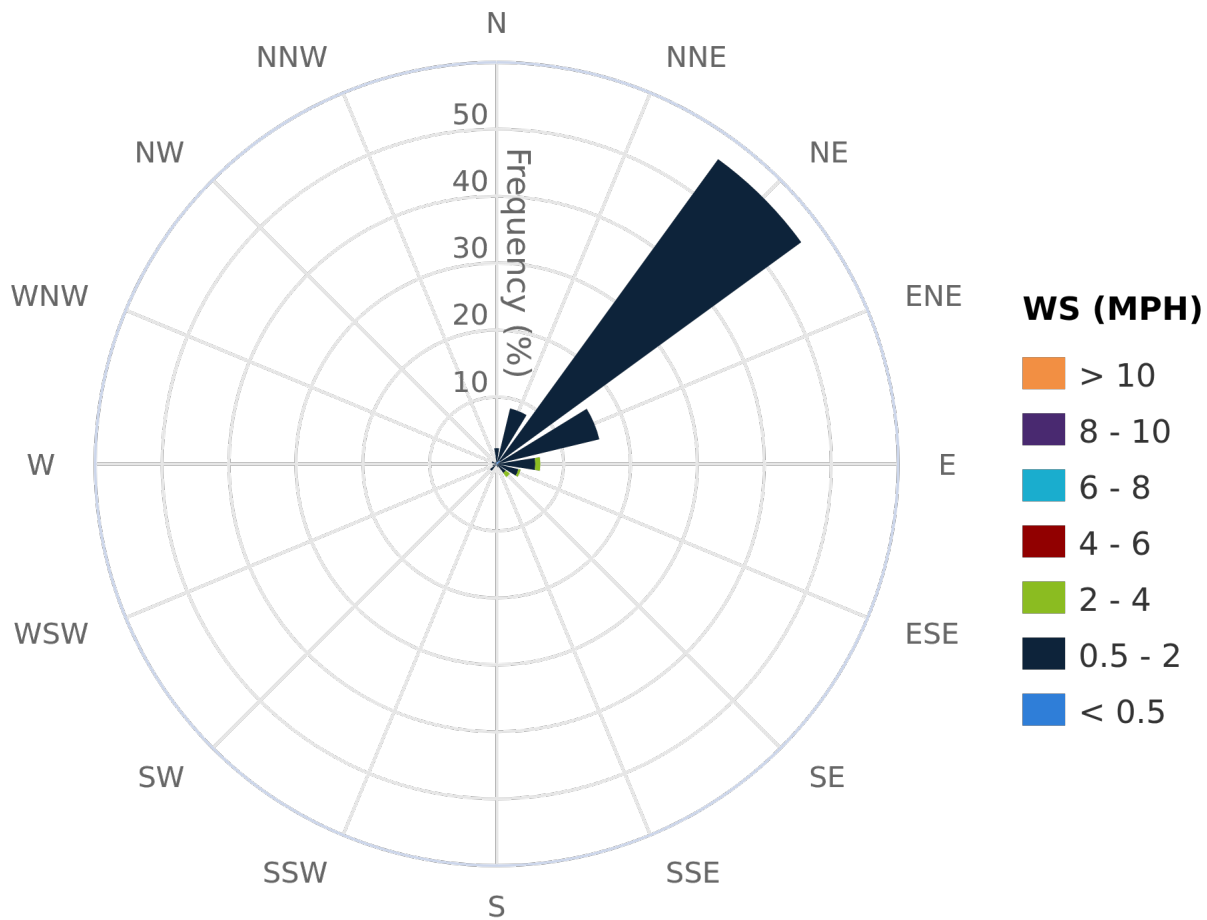


Figure 3 : Wind Rose Chart (WS in MPH)



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Florence C&D Landfill – Air Monitoring

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Wind Rose Chart 3277

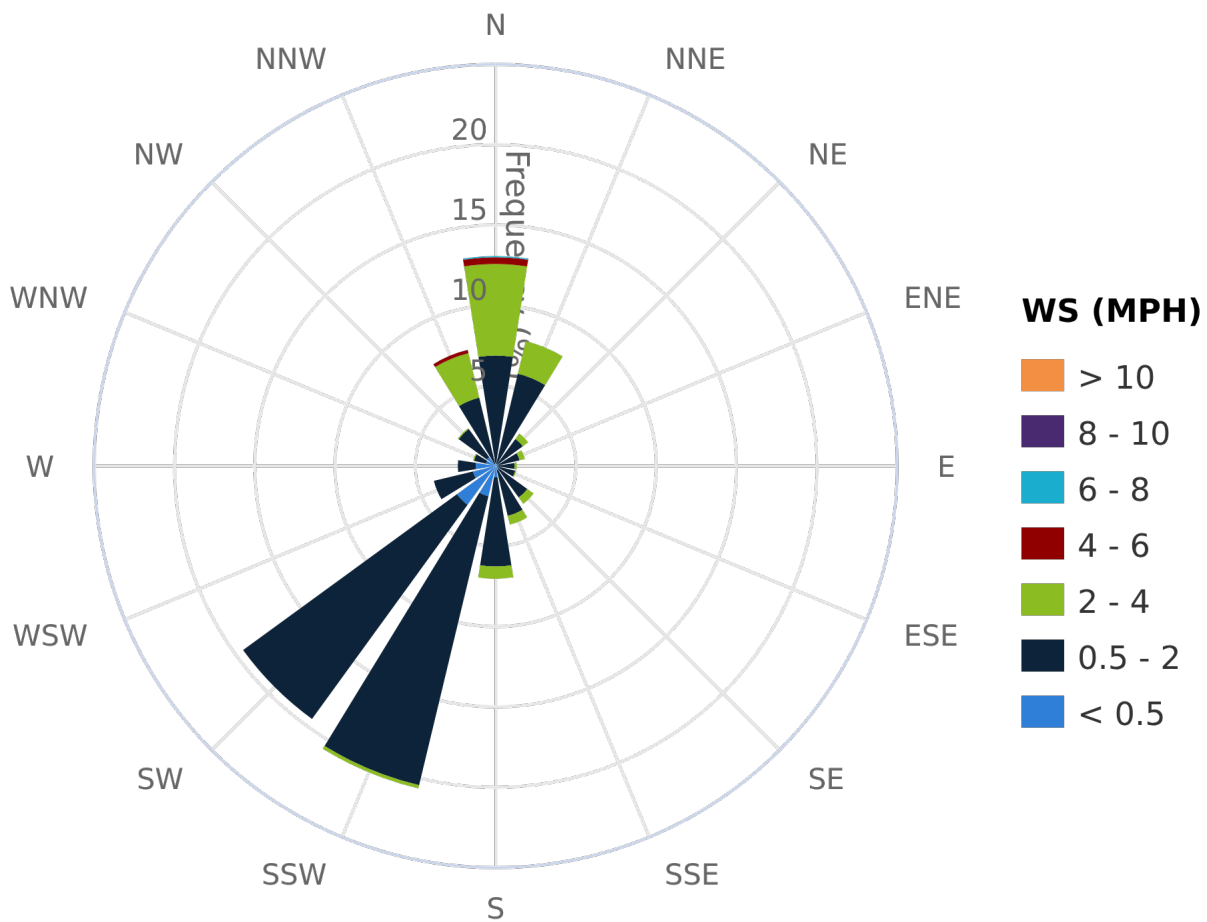


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

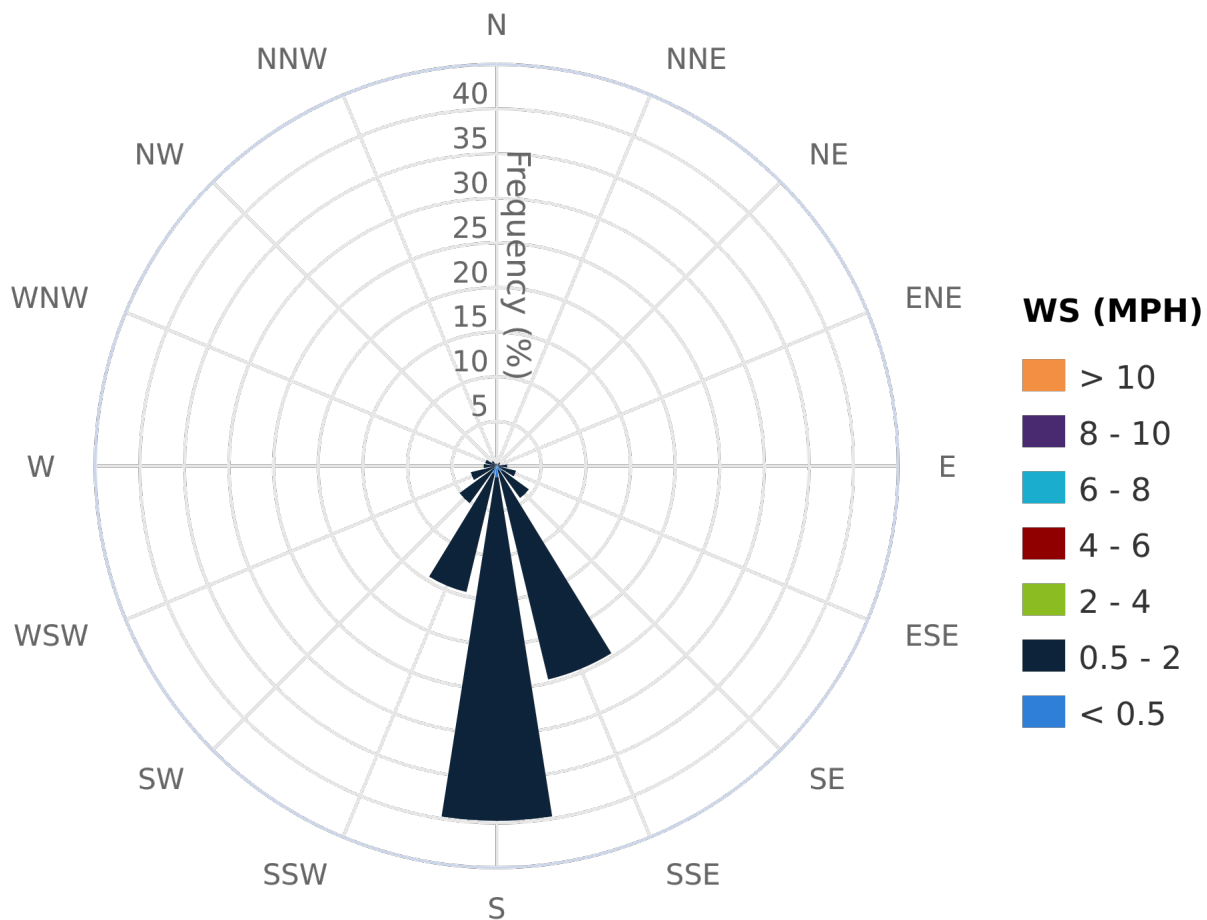


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

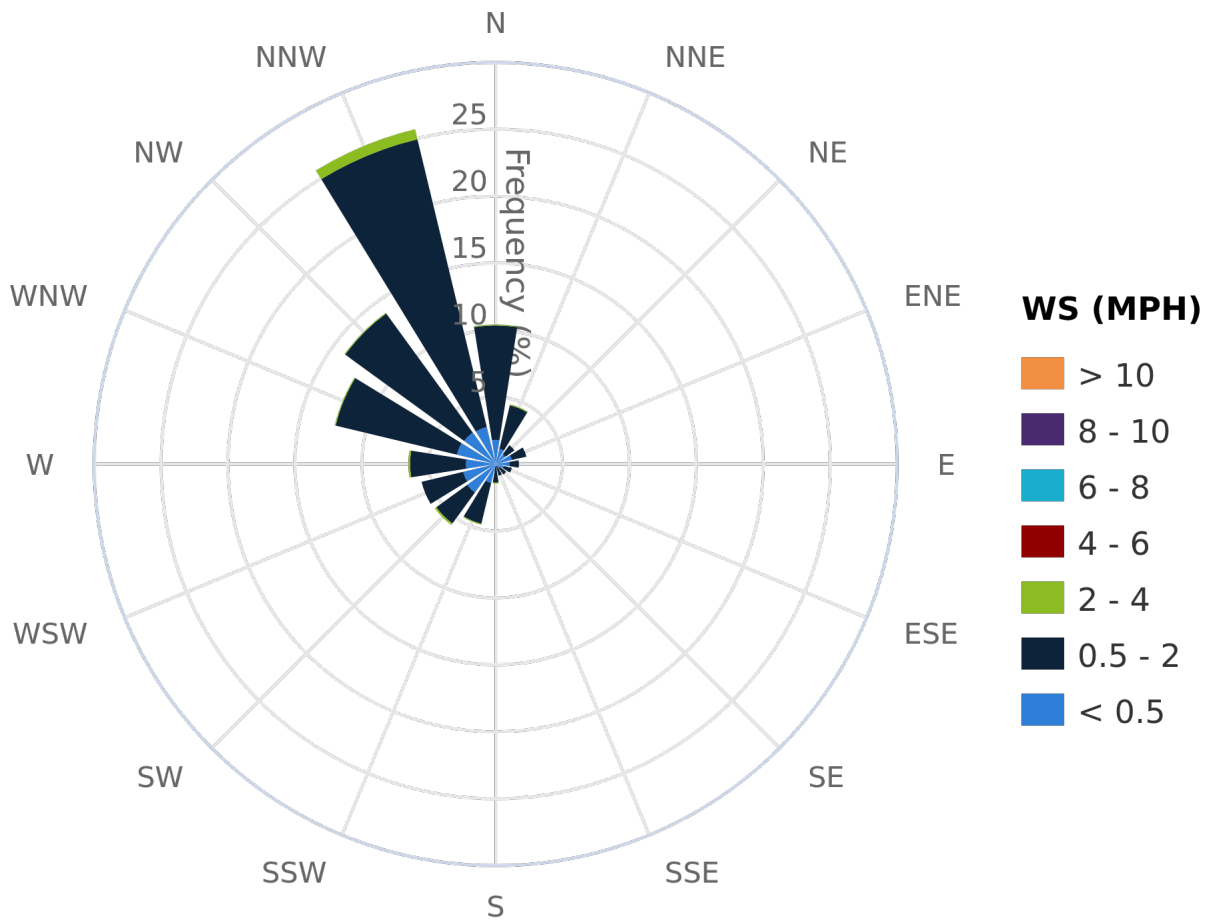


Figure 3 : Wind Rose Chart (WS in MPH)



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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	23.1	27.0	21.7	19.9	13.5	18.8	12.2	13.4	0.001	0.001	0.000	0.002
00:15:00	19.9	25.4	18.3	18.0	12.3	18.3	11.0	12.2	0.000	0.000	0.000	0.004
00:30:00	18.4	22.8	18.3	16.0	11.7	17.3	10.7	12.1	0.000	0.000	0.000	0.003
00:45:00	18.4	23.2	17.7	15.8	12.0	17.9	11.1	12.5	0.001	0.000	0.000	0.001
01:00:00	17.8	23.1	17.5	15.9	11.7	18.1	10.7	12.0	0.000	0.000	0.000	0.002
01:15:00	17.1	22.6	17.6	15.8	11.7	18.0	10.9	12.3	0.000	0.000	0.000	0.004
01:30:00	17.9	23.3	18.1	16.4	12.5	18.7	11.5	13.0	0.000	0.000	0.000	0.001
01:45:00	18.8	23.1	18.7	16.7	13.1	18.6	12.3	13.7	0.000	0.000	0.000	0.002
02:00:00	18.4	24.8	18.4	16.5	13.2	20.1	11.8	13.1	0.001	0.000	0.000	0.001
02:15:00	17.2	22.5	16.7	15.3	12.2	18.3	10.5	12.1	0.000	0.000	0.000	0.002
02:30:00	15.2	20.2	16.4	14.2	10.8	16.7	9.8	10.9	0.000	0.002	0.000	0.002
02:45:00	13.7	20.0	17.1	13.3	10.0	16.5	9.6	10.5	0.002	0.000	0.000	0.003
03:00:00	12.8	18.9	15.9	12.5	9.1	15.4	8.7	9.5	0.003	0.000	0.000	0.001
03:15:00	11.6	16.5	14.0	11.5	8.1	13.5	8.0	8.8	0.003	0.000	0.000	0.000
03:30:00	12.2	16.6	14.7	11.7	8.3	13.7	8.1	8.9	0.001	0.001	0.000	0.003
03:45:00	11.7	17.9	14.5	11.9	8.4	14.7	8.3	9.1	0.001	0.000	0.000	0.001
04:00:00	11.6	17.1	13.3	10.7	8.2	14.1	7.6	8.4	0.002	0.000	0.000	0.001
04:15:00	10.6	14.3	12.6	9.9	7.2	11.9	6.4	7.5	0.000	0.000	0.000	0.002
04:30:00	10.6	12.3	11.9	10.0	6.5	9.9	6.8	7.7	0.000	0.000	0.000	0.001
04:45:00	9.5	13.4	11.2	11.1	6.5	9.8	5.8	6.7	0.000	0.000	0.000	0.000
05:00:00	9.4	13.6	10.9	9.4	6.2	9.4	5.8	7.2	0.001	0.000	0.000	0.000
05:15:00	11.0	14.0	12.8	8.5	7.1	10.2	6.2	7.7	0.001	0.001	0.000	0.002
05:30:00	11.2	15.6	12.6	9.6	7.2	11.0	7.1	9.1	0.000	0.002	0.000	0.000
05:45:00	12.9	14.4	13.4	11.0	8.1	11.2	8.0	9.7	0.000	0.000	0.000	0.001
06:00:00	12.2	16.8	14.9	12.1	8.8	13.5	8.0	9.0	0.001	0.001	0.000	0.002
06:15:00	12.2	17.5	12.9	14.1	8.6	14.6	8.4	8.8	0.000	0.003	0.000	0.000
06:30:00	13.0	17.0	14.8	12.9	8.6	13.4	8.5	10.0	0.002	0.001	0.000	0.002
06:45:00	13.0	17.1	16.0	12.5	9.0	13.9	8.4	10.2	0.003	0.001	0.000	0.002
07:00:00	14.1	20.3	16.0	12.4	9.8	16.0	8.6	10.4	0.000	0.003	0.000	0.001
07:15:00	16.2	23.6	16.4	13.2	10.6	18.2	9.4	11.5	0.000	0.002	0.000	0.001
07:30:00	16.0	24.7	16.1	15.7	11.1	19.2	10.5	11.6	0.000	0.002	0.000	0.002
07:45:00	16.9	25.3	16.5	15.2	12.3	20.4	11.4	12.5	0.000	0.002	0.000	0.000
08:00:00	16.1	25.6	15.2	13.9	11.9	21.0	10.6	12.0	0.000	0.001	0.000	0.000
08:15:00	13.1	20.8	12.0	12.3	9.7	17.5	8.6	9.2	0.000	0.000	0.000	0.000
08:30:00	11.1	16.7	11.4	10.9	7.7	13.6	7.2	7.8	0.000	0.000	0.000	0.000
08:45:00	11.9	15.7	12.1	11.2	8.0	12.6	7.3	8.1	0.000	0.001	0.000	0.000
09:00:00	19.3	16.0	12.6	11.8	9.3	12.6	7.6	8.6	0.000	0.000	0.000	0.000
09:15:00	13.7	15.8	11.3	12.0	8.3	12.3	7.6	7.6	0.000	0.001	0.000	0.000
09:30:00	10.2	14.4	9.8	9.4	6.4	11.0	5.7	6.2	0.000	0.000	0.000	0.000
09:45:00	8.9	12.4	8.7	8.2	5.5	9.4	4.8	5.5	0.000	0.000	0.000	0.000
10:00:00	8.7	11.2	7.5	7.4	5.2	8.6	4.5	5.0	0.000	0.001	0.000	0.000
10:15:00	8.8	11.0	8.2	7.4	5.2	8.2	4.6	5.4	0.000	0.001	0.000	0.000
10:30:00	8.8	11.0	8.6	7.8	5.3	8.1	5.0	5.6	0.003	0.002	0.000	0.000
10:45:00	9.2	11.0	8.8	8.0	5.6	8.1	5.1	5.9	0.005	0.001	0.000	0.000
11:00:00	9.3	11.3	9.2	8.1	5.7	8.4	5.4	6.4	0.005	0.004	0.000	0.000
11:15:00	10.0	12.4	9.8	8.9	6.1	8.9	5.7	6.9	0.002	0.007	0.000	0.000
11:30:00	9.9	12.2	9.8	9.0	6.0	9.2	5.8	6.7	0.003	0.005	0.000	0.000
11:45:00	10.3	12.2	9.7	8.4	6.0	9.0	5.4	6.4	0.002	0.007	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	8.5	11.0	9.0	8.5	5.0	8.0	5.2	5.8	0.006	0.009	0.000	0.000
12:15:00	8.6	9.8	8.4	7.5	4.9	7.2	4.7	5.2	0.011	0.009	0.000	0.000
12:30:00	8.6	9.0	7.7	7.4	4.9	6.5	4.5	4.9	0.020	0.014	0.000	0.000
12:45:00	8.8	8.9	7.4	8.0	4.8	6.4	4.5	4.6	0.031	0.021	0.000	0.014
13:00:00	8.5	10.2	8.1	8.2	4.6	6.6	4.6	4.7	0.036	0.023	0.000	0.030
13:15:00	8.5	10.1	7.9	8.5	4.7	6.6	4.7	4.7	0.036	0.029	0.000	0.038
13:30:00	9.0	10.4	8.7	9.3	4.9	6.9	5.3	5.1	0.039	0.036	0.000	0.037
13:45:00	10.8	10.8	9.4	9.4	5.6	7.3	5.4	5.4	0.041	0.040	0.000	0.036
14:00:00	10.5	11.4	9.6	10.0	5.7	7.8	5.7	5.4	0.035	0.045	0.000	0.035
14:15:00	11.3	12.0	10.1	10.1	5.8	8.3	5.8	5.7	0.025	0.032	0.000	0.030
14:30:00	12.3	12.4	10.4	10.3	6.0	8.4	5.9	5.8	0.010	0.031	0.000	0.023
14:45:00	11.6	12.7	10.6	10.9	6.1	8.9	5.9	5.9	0.000	0.033	0.000	0.017
15:00:00	12.1	12.8	10.8	11.3	6.2	8.9	6.1	6.0	0.000	0.034	0.000	0.012
15:15:00	12.7	13.6	11.6	11.6	6.3	9.0	6.2	6.2	0.000	0.030	0.000	0.019
15:30:00	11.9	13.0	11.6	11.1	6.2	8.8	6.1	6.2	0.012	0.024	0.000	0.028
15:45:00	13.3	12.7	13.0	12.2	6.8	8.8	6.1	6.3	0.022	0.021	0.000	0.032
16:00:00	12.3	14.7	11.7	12.1	6.3	9.1	6.4	6.3	0.027	0.015	0.000	0.032
16:15:00	14.2	14.8	12.3	12.0	6.6	9.6	6.5	6.6	0.021	0.022	0.000	0.030
16:30:00	14.2	16.7	12.0	11.6	7.2	10.9	6.5	6.5	0.015	0.022	0.000	0.028
16:45:00	13.6	17.0	12.7	13.1	7.0	10.7	7.0	6.9	0.014	0.020	0.000	0.024
17:00:00	13.6	16.2	13.2	13.2	7.2	10.4	7.0	7.2	0.019	0.016	0.000	0.019
17:15:00	14.9	16.5	16.8	16.1	7.2	10.3	7.5	7.6	0.019	0.013	0.000	0.016
17:30:00	16.6	16.1	19.6	18.4	7.5	10.1	8.4	7.8	0.010	0.010	0.000	0.012
17:45:00	13.7	15.2	17.4	15.0	7.1	10.3	7.7	7.5	0.007	0.010	0.000	0.008
18:00:00	14.0	22.0	20.5	16.8	6.9	11.1	8.0	7.8	0.006	0.007	0.000	0.005
18:15:00	13.6	20.9	29.0	16.6	7.1	11.2	7.7	8.0	0.005	0.003	0.000	0.007
18:30:00	13.8	25.1	20.1	15.7	7.0	11.6	7.5	7.8	0.003	0.000	0.000	0.002
18:45:00	15.6	21.6	22.6	15.0	7.4	12.1	7.3	7.3	0.000	0.000	0.000	0.002
19:00:00	16.0	23.2	16.0	14.8	7.6	11.8	7.2	7.3	0.000	0.000	0.000	0.001
19:15:00	16.8	19.1	21.3	13.4	8.0	11.7	6.7	8.4	0.000	0.000	0.000	0.000
19:30:00	14.9	17.5	27.2	14.4	8.1	11.1	7.9	10.7	0.000	0.000	0.000	0.000
19:45:00	17.0	13.9	30.5	15.1	9.8	8.8	8.4	11.4	0.000	0.000	0.000	0.000
20:00:00	19.9	16.7	20.9	17.0	10.9	9.4	10.1	8.8	0.000	0.000	0.000	0.000
20:15:00	20.9	17.2	21.9	18.6	11.8	10.0	9.8	8.8	0.000	0.000	0.000	0.000
20:30:00	19.7	18.7	22.3	17.3	10.9	11.6	9.8	9.6	0.000	0.000	0.000	0.000
20:45:00	22.5	30.1	20.2	18.4	10.9	12.9	9.6	11.2	0.000	0.000	0.000	0.000
21:00:00	23.8	21.6	22.8	17.1	10.3	13.1	8.7	11.0	0.000	0.000	0.000	0.000
21:15:00	21.4	22.3	30.9	18.9	10.4	13.1	10.3	12.3	0.000	0.000	0.000	0.000
21:30:00	19.2	25.1	27.4	20.1	11.2	13.3	11.0	12.1	0.000	0.000	0.000	0.000
21:45:00	23.3	18.1	29.1	18.4	11.6	11.3	10.6	13.0	0.000	0.000	0.000	0.000
22:00:00	20.4	20.6	31.4	19.3	12.6	12.3	10.7	12.8	0.000	0.000	0.000	0.000
22:15:00	18.0	14.9	30.7	17.0	11.3	10.3	9.6	13.4	0.000	0.000	0.000	0.000
22:30:00	18.7	17.7	32.0	17.9	10.1	12.5	10.7	13.6	0.000	0.000	0.000	0.000
22:45:00	19.7	26.6	26.7	19.4	10.6	14.8	10.9	12.7	0.000	0.000	0.000	0.000
23:00:00	22.4	26.0	24.0	19.9	11.2	15.6	11.3	11.7	0.000	0.000	0.000	0.000
23:15:00	26.3	23.7	25.4	19.1	11.6	13.9	11.0	11.7	0.000	0.000	0.001	0.000
23:30:00	32.7	26.1	25.3	23.1	11.2	15.5	12.5	12.4	0.000	0.000	0.001	0.000
23:45:00	23.3	24.0	27.9	18.9	10.1	14.0	12.7	14.7	0.000	0.000	0.000	0.000



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