



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-07-16

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.201 to 6.867	2943 SE	3061 SSW	2996 WSW	2997 NNW	Min : 74.48 Max : 100.9	Min : 49.00 Max : 92.40	Min : 28.14 Max : 36.04

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	28.3	96.1	12.4	31.3	0.012	0.122
2996	25.3	43.8	12.5	19.2	0.006	0.062
2997	28.6	63.8	12.2	19.7	0.003	0.028
3061	24.5	42.4	11.0	15.5	0.001	0.015

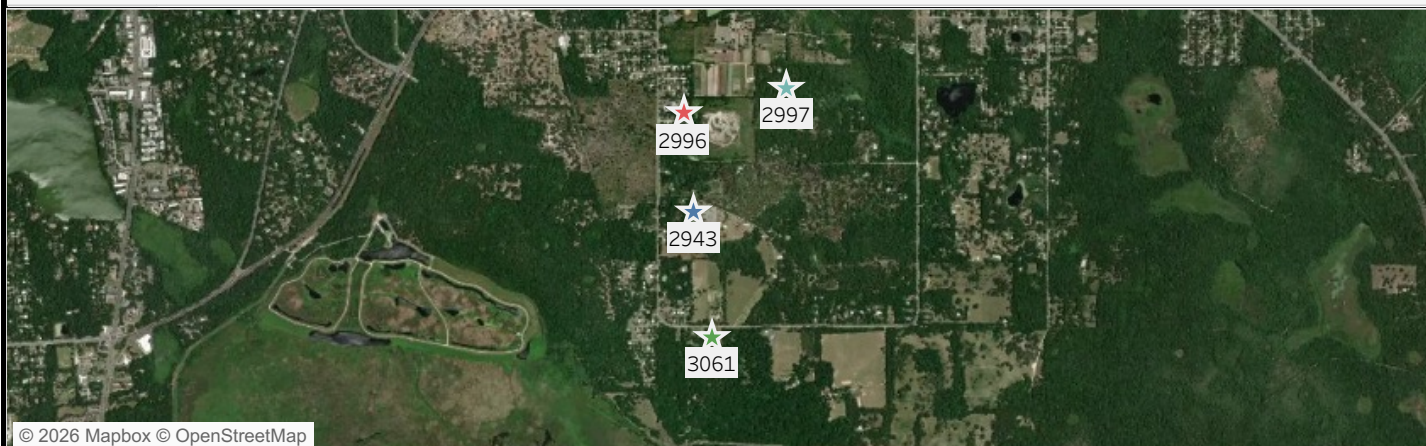
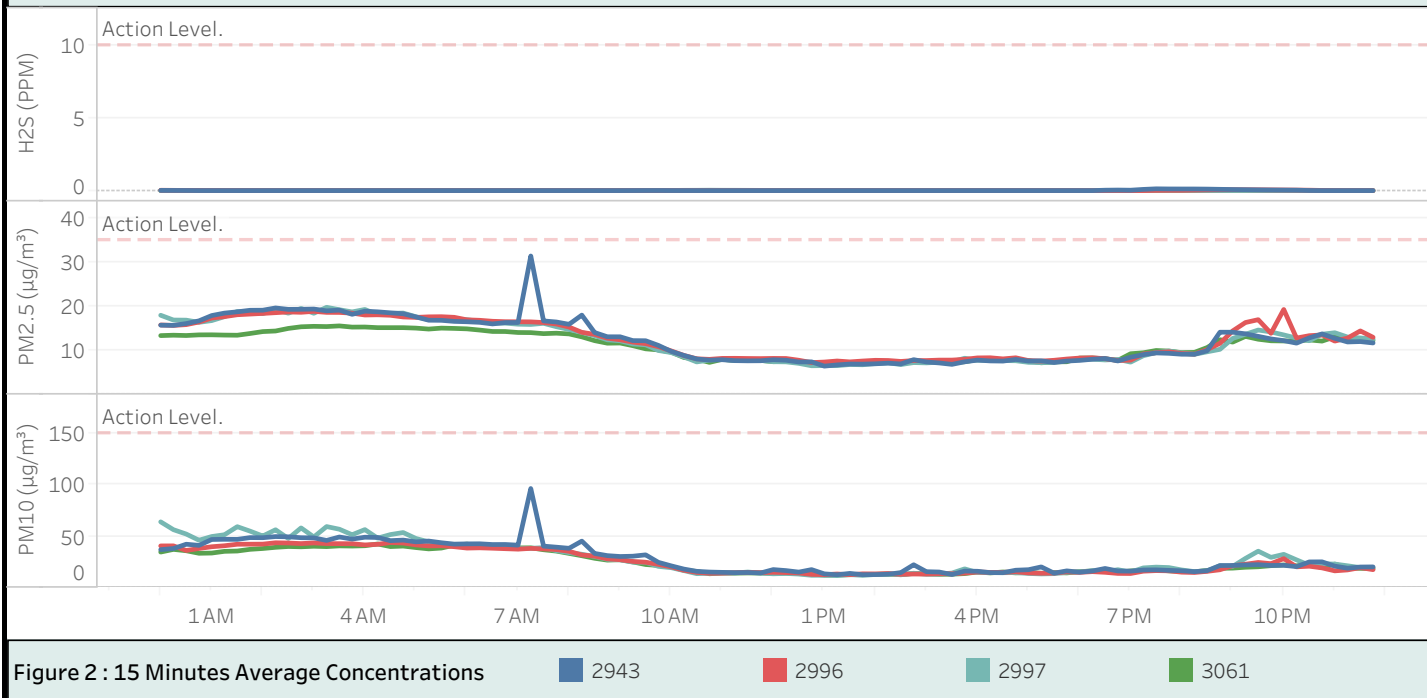


Figure 1 : Monitoring Locations





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Wind Rose Chart 2943

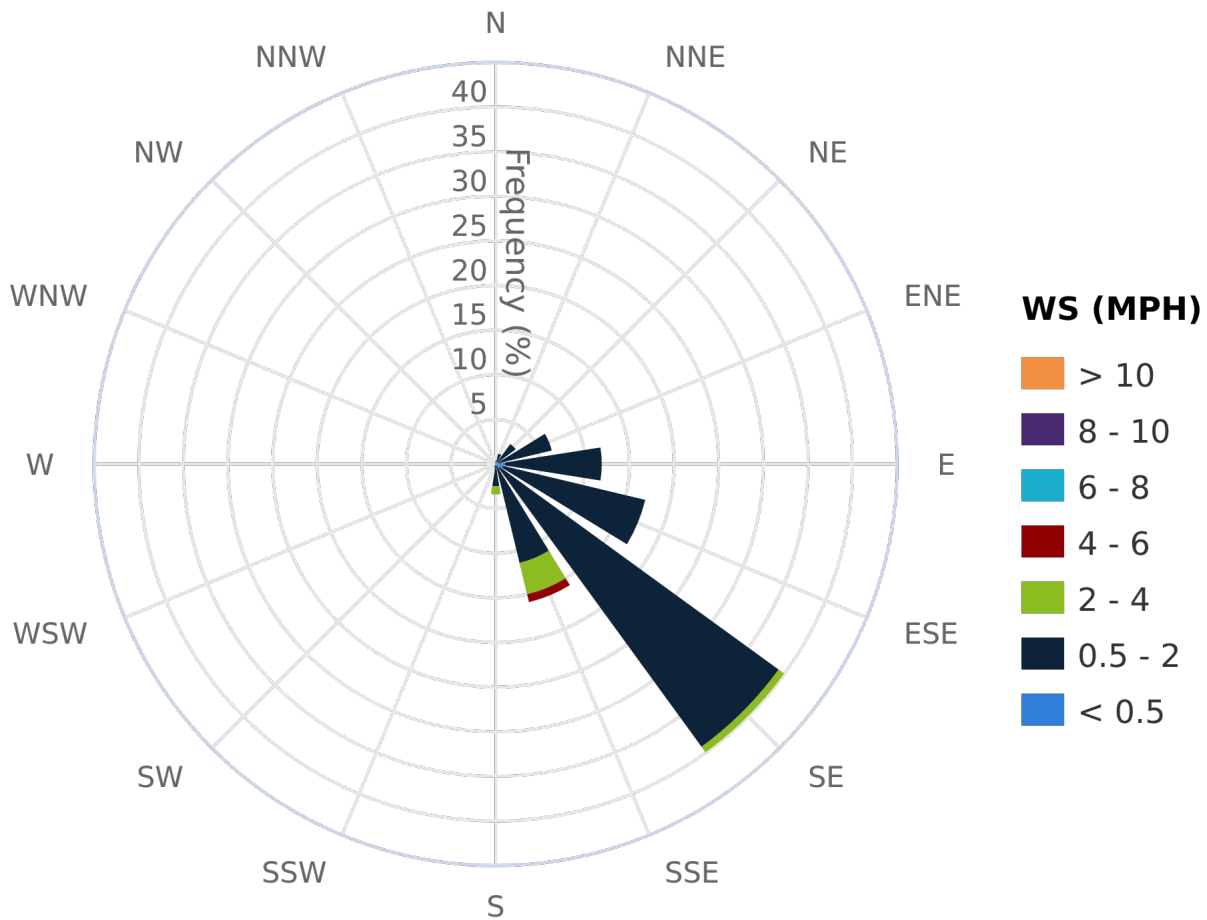


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

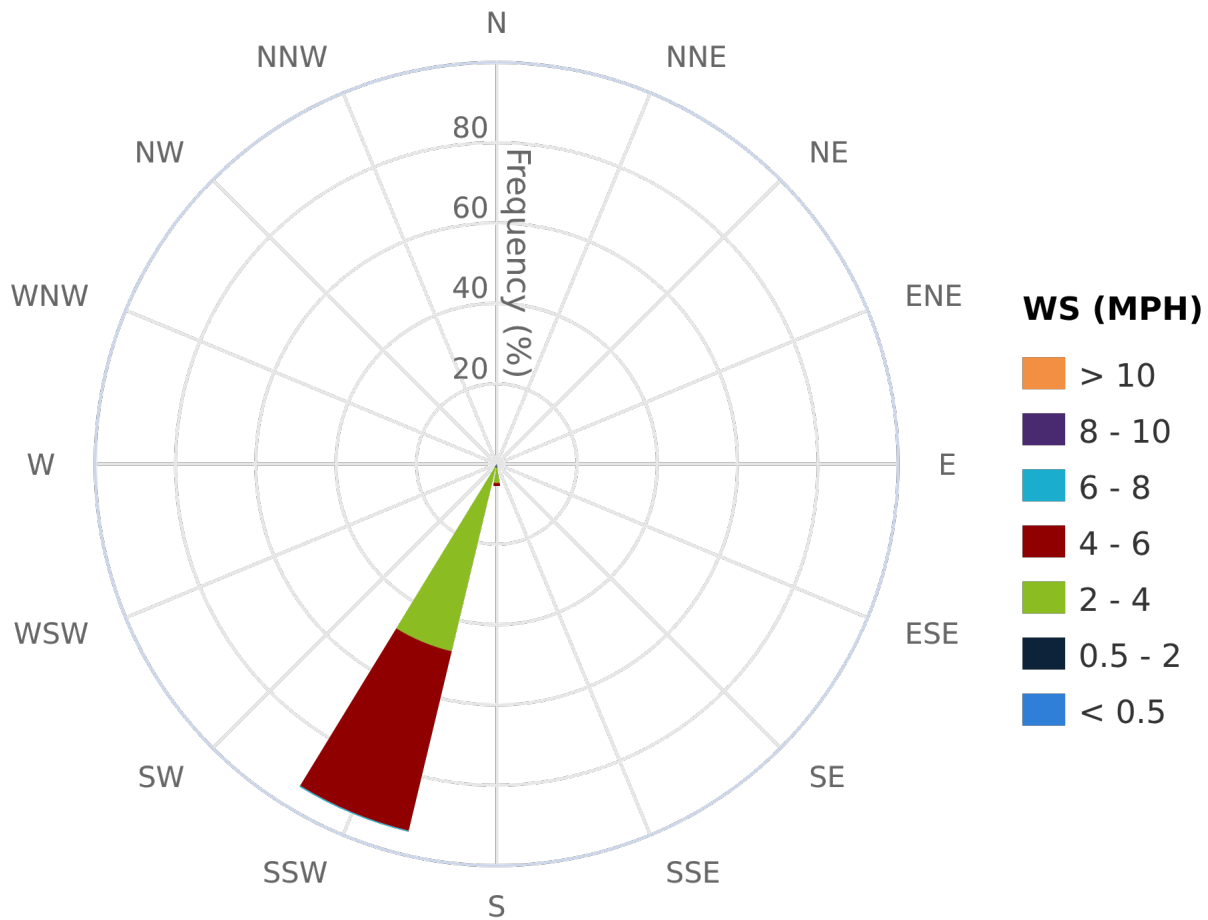


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

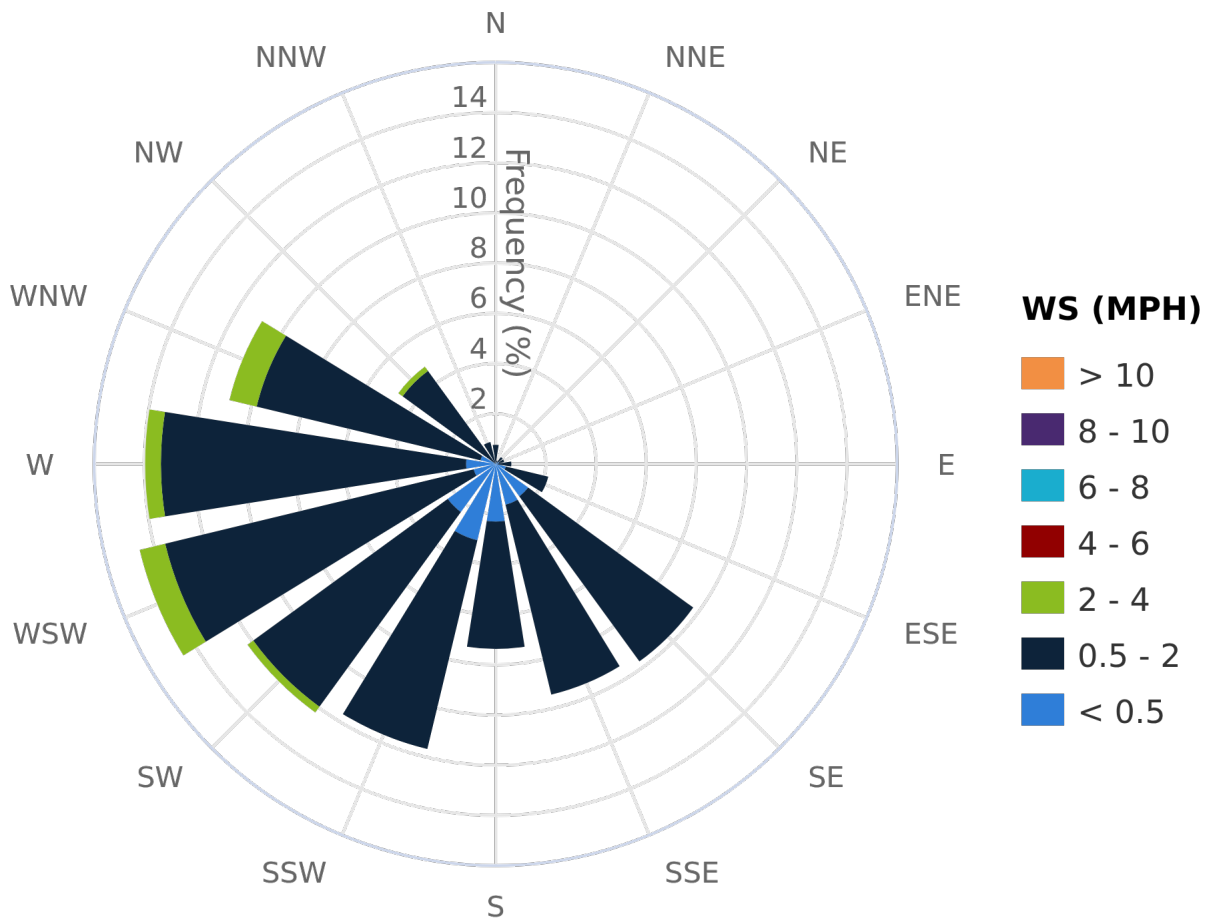


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

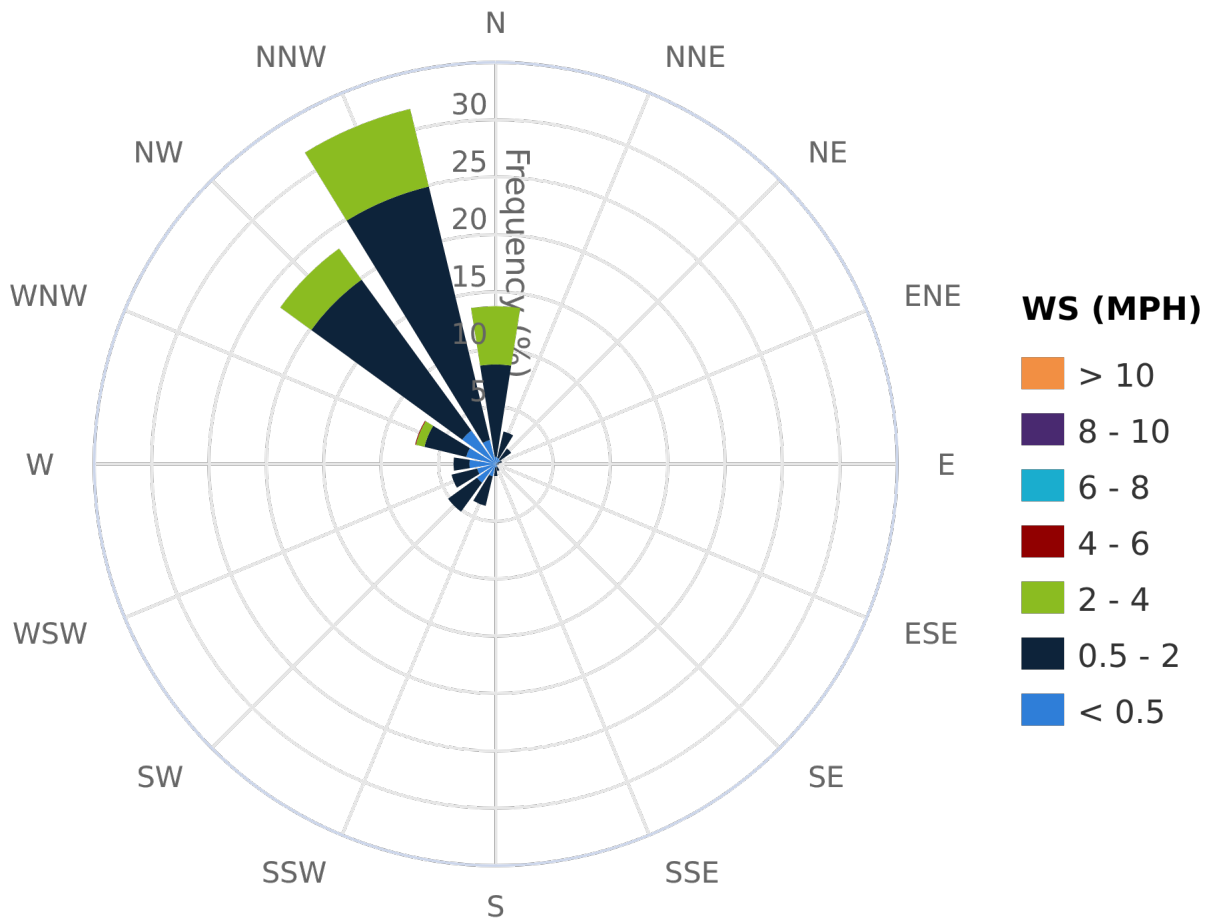


Figure 3 : Wind Rose Chart (WS in MPH)



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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	36.9	34.6	63.8	40.5	15.7	13.3	15.7	17.9	0.015	0.000	0.024	0.000
00:15:00	38.0	37.2	56.3	40.6	15.7	13.4	15.6	16.9	0.012	0.000	0.018	0.000
00:30:00	42.2	35.9	52.0	36.1	16.1	13.4	15.8	16.8	0.007	0.000	0.013	0.000
00:45:00	41.1	33.4	46.0	38.0	16.7	13.5	16.4	16.3	0.002	0.000	0.009	0.000
01:00:00	46.8	33.6	49.6	39.7	17.9	13.5	17.3	16.7	0.001	0.000	0.005	0.000
01:15:00	46.9	35.3	51.4	40.7	18.4	13.5	17.6	17.6	0.000	0.000	0.003	0.000
01:30:00	46.9	35.6	59.2	42.2	18.7	13.4	18.1	18.8	0.000	0.000	0.003	0.000
01:45:00	48.6	37.2	54.9	42.2	19.1	13.8	18.2	18.6	0.000	0.000	0.001	0.000
02:00:00	48.5	38.0	50.1	42.3	19.1	14.2	18.4	18.3	0.000	0.000	0.000	0.000
02:15:00	49.6	39.2	56.2	43.6	19.6	14.4	18.5	19.2	0.000	0.000	0.000	0.000
02:30:00	49.3	40.0	47.7	43.3	19.3	15.0	18.7	18.4	0.000	0.000	0.000	0.000
02:45:00	48.5	39.7	58.0	42.8	19.3	15.3	18.6	19.5	0.000	0.000	0.000	0.000
03:00:00	48.3	40.2	49.2	43.4	19.3	15.4	18.8	18.4	0.000	0.000	0.000	0.000
03:15:00	45.9	39.9	59.3	42.8	18.9	15.4	18.6	19.7	0.000	0.000	0.000	0.000
03:30:00	49.2	40.6	56.7	42.7	19.1	15.5	18.6	19.2	0.000	0.000	0.000	0.000
03:45:00	47.2	40.4	51.4	42.7	18.1	15.3	18.4	18.7	0.000	0.000	0.000	0.000
04:00:00	48.9	40.7	56.3	41.5	18.9	15.3	18.0	19.2	0.000	0.000	0.000	0.000
04:15:00	48.7	42.4	48.1	42.1	18.7	15.1	18.0	18.1	0.000	0.000	0.000	0.000
04:30:00	45.6	39.9	51.5	43.8	18.5	15.1	17.9	18.4	0.000	0.000	0.000	0.000
04:45:00	46.2	40.4	53.5	43.4	18.3	15.1	17.6	18.4	0.000	0.000	0.000	0.000
05:00:00	44.5	38.9	47.7	41.5	17.6	15.0	17.5	17.6	0.000	0.000	0.000	0.000
05:15:00	45.2	37.7	44.5	40.5	16.8	14.8	17.6	16.9	0.000	0.000	0.000	0.000
05:30:00	43.6	38.5	42.4	40.7	16.8	15.0	17.6	17.3	0.000	0.000	0.000	0.000
05:45:00	42.3	41.2	41.2	39.8	16.6	15.0	17.5	16.9	0.000	0.000	0.000	0.000
06:00:00	42.5	42.3	40.9	38.4	16.5	14.9	16.9	16.9	0.000	0.000	0.000	0.000
06:15:00	42.6	40.5	40.5	38.7	16.3	14.6	16.8	16.5	0.000	0.000	0.000	0.000
06:30:00	41.9	40.4	39.2	38.3	16.0	14.3	16.6	16.2	0.000	0.000	0.000	0.000
06:45:00	41.9	40.3	39.4	37.8	16.3	14.3	16.5	16.2	0.000	0.000	0.000	0.000
07:00:00	41.3	38.6	37.8	37.4	16.3	14.0	16.5	15.9	0.000	0.000	0.000	0.000
07:15:00	96.1	38.7	38.2	38.1	31.3	14.0	16.4	15.9	0.000	0.000	0.000	0.000
07:30:00	40.3	36.8	38.9	37.6	16.7	13.8	16.3	16.1	0.000	0.000	0.000	0.000
07:45:00	39.3	35.5	35.9	37.0	16.4	13.9	16.0	15.4	0.000	0.000	0.000	0.000
08:00:00	38.2	33.3	34.0	35.3	15.9	13.7	15.3	14.7	0.000	0.000	0.000	0.000
08:15:00	45.2	31.0	32.4	31.8	18.0	13.1	14.1	14.0	0.000	0.000	0.000	0.000
08:30:00	33.3	28.6	30.3	30.6	14.0	12.2	13.6	13.3	0.000	0.000	0.000	0.000
08:45:00	31.1	26.8	27.6	28.0	13.1	11.6	12.8	12.4	0.000	0.001	0.000	0.000
09:00:00	30.3	27.2	27.0	27.2	13.1	11.7	12.4	12.2	0.000	0.001	0.000	0.000
09:15:00	30.6	25.0	24.8	25.5	12.2	11.1	11.9	11.4	0.002	0.000	0.000	0.002
09:30:00	31.9	22.5	24.6	24.7	12.2	10.4	11.5	11.3	0.005	0.000	0.000	0.006
09:45:00	24.6	21.6	20.7	22.6	11.1	10.1	10.8	10.0	0.006	0.000	0.000	0.009
10:00:00	21.2	20.2	19.4	20.2	9.8	9.6	9.9	9.5	0.002	0.000	0.000	0.012
10:15:00	18.1	16.9	16.6	17.0	8.9	8.4	8.9	8.5	0.001	0.000	0.000	0.019
10:30:00	15.9	15.8	13.7	14.9	8.1	8.0	8.1	7.4	0.001	0.000	0.000	0.022
10:45:00	15.2	13.5	14.1	14.0	7.8	7.3	8.0	7.8	0.000	0.000	0.000	0.028
11:00:00	14.9	14.3	14.3	14.2	7.9	8.0	8.2	8.0	0.000	0.000	0.000	0.023
11:15:00	14.6	14.2	14.3	14.6	7.7	7.7	8.2	7.7	0.000	0.000	0.000	0.022
11:30:00	14.8	14.3	15.3	14.9	7.6	7.8	8.2	7.9	0.000	0.000	0.000	0.019
11:45:00	14.3	14.2	14.2	14.7	7.7	7.7	8.1	7.7	0.000	0.000	0.000	0.016



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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	17.6	14.0	13.5	15.0	7.9	7.4	8.2	7.4	0.000	0.000	0.000	0.008
12:15:00	16.6	14.2	13.9	14.7	7.8	7.5	8.2	7.4	0.000	0.000	0.000	0.005
12:30:00	15.2	13.7	13.3	14.3	7.4	7.3	7.8	7.1	0.000	0.000	0.000	0.002
12:45:00	17.6	13.3	12.1	13.0	7.4	6.9	7.2	6.5	0.000	0.000	0.000	0.000
13:00:00	13.5	12.2	12.1	12.7	6.4	6.9	7.4	6.6	0.000	0.000	0.000	0.000
13:15:00	12.6	12.3	11.8	13.3	6.7	6.9	7.6	6.6	0.000	0.000	0.000	0.000
13:30:00	13.9	12.6	12.8	12.7	6.9	7.1	7.4	6.8	0.000	0.000	0.000	0.000
13:45:00	12.7	13.0	12.0	13.5	6.9	7.2	7.6	6.8	0.000	0.000	0.000	0.000
14:00:00	12.8	13.0	12.9	13.4	7.0	7.4	7.8	7.0	0.000	0.000	0.000	0.000
14:15:00	13.1	13.2	13.4	13.8	7.1	7.3	7.7	7.2	0.000	0.000	0.000	0.000
14:30:00	14.7	12.7	12.6	13.0	6.9	7.0	7.5	6.8	0.000	0.000	0.000	0.000
14:45:00	22.3	13.9	14.1	13.3	7.9	7.4	7.7	7.2	0.000	0.000	0.000	0.000
15:00:00	15.6	13.6	13.1	13.2	7.4	7.5	7.7	7.2	0.000	0.000	0.000	0.000
15:15:00	15.3	13.0	13.2	13.6	7.2	7.4	7.8	7.3	0.000	0.000	0.000	0.000
15:30:00	12.8	13.1	14.3	13.6	6.8	7.3	7.8	7.4	0.000	0.000	0.000	0.000
15:45:00	16.2	13.7	18.3	14.2	7.4	7.4	8.0	8.2	0.000	0.000	0.000	0.000
16:00:00	16.0	15.3	14.7	15.3	7.8	7.9	8.3	7.8	0.000	0.000	0.000	0.000
16:15:00	14.7	14.4	14.7	14.9	7.6	7.8	8.3	7.8	0.000	0.000	0.000	0.000
16:30:00	14.6	15.3	14.6	14.9	7.6	7.8	8.1	7.7	0.000	0.000	0.000	0.000
16:45:00	17.0	14.4	14.7	15.5	8.0	7.8	8.3	7.7	0.000	0.000	0.000	0.000
17:00:00	17.5	14.9	13.8	14.4	7.6	7.7	7.7	7.3	0.000	0.000	0.000	0.000
17:15:00	20.2	14.0	13.4	14.0	7.6	7.2	7.6	7.2	0.000	0.000	0.000	0.000
17:30:00	14.2	14.7	13.7	14.2	7.3	7.4	7.8	7.3	0.000	0.000	0.000	0.000
17:45:00	16.4	14.4	15.0	15.4	7.6	7.4	8.1	7.8	0.000	0.000	0.000	0.000
18:00:00	15.0	15.6	15.5	14.9	7.7	8.3	8.3	8.0	0.000	0.002	0.000	0.000
18:15:00	16.3	16.3	16.4	15.6	8.0	8.3	8.3	8.0	0.000	0.008	0.000	0.003
18:30:00	18.7	15.6	15.6	15.0	8.2	8.1	8.1	7.8	0.028	0.007	0.000	0.000
18:45:00	16.3	15.1	17.5	13.9	7.6	7.7	7.7	8.0	0.038	0.006	0.000	0.007
19:00:00	16.1	16.3	15.2	13.8	8.5	9.2	7.8	7.3	0.028	0.010	0.000	0.001
19:15:00	17.2	16.8	19.2	16.1	9.1	9.5	9.2	8.8	0.083	0.013	0.000	0.012
19:30:00	17.4	17.4	20.0	16.6	9.4	10.0	9.5	9.5	0.122	0.015	0.015	0.022
19:45:00	16.8	16.3	19.6	16.4	9.3	9.8	9.7	9.9	0.113	0.014	0.019	0.019
20:00:00	16.5	15.9	17.3	15.1	9.1	9.5	9.3	9.4	0.111	0.012	0.020	0.016
20:15:00	15.6	15.5	15.7	14.8	9.1	9.5	9.2	9.1	0.111	0.011	0.034	0.009
20:30:00	16.6	16.7	16.2	15.9	9.9	10.6	10.2	9.7	0.103	0.010	0.049	0.005
20:45:00	21.5	18.8	21.5	17.4	14.1	12.4	11.6	10.2	0.089	0.008	0.057	0.001
21:00:00	21.6	19.0	20.7	21.4	14.1	11.9	14.4	12.7	0.075	0.006	0.062	0.000
21:15:00	22.1	19.9	28.4	22.8	13.7	13.2	16.3	13.6	0.064	0.004	0.059	0.000
21:30:00	22.4	20.3	35.4	24.5	13.2	12.5	16.9	14.6	0.052	0.003	0.055	0.000
21:45:00	21.6	21.4	29.4	23.3	12.6	12.2	13.9	14.2	0.043	0.003	0.048	0.000
22:00:00	21.8	22.1	32.4	28.2	12.2	12.1	19.2	13.5	0.037	0.001	0.042	0.000
22:15:00	20.5	21.3	27.0	20.3	11.6	12.2	12.8	12.8	0.030	0.001	0.037	0.000
22:30:00	25.0	22.5	21.9	20.9	12.8	12.4	13.3	12.2	0.008	0.000	0.028	0.000
22:45:00	25.1	19.5	23.3	19.2	13.7	12.1	13.5	13.7	0.001	0.000	0.013	0.000
23:00:00	20.9	22.9	23.0	16.4	12.7	13.1	12.1	14.0	0.000	0.000	0.001	0.000
23:15:00	19.0	19.2	21.3	17.3	11.9	12.4	12.8	13.0	0.000	0.000	0.000	0.000
23:30:00	20.1	18.8	19.5	19.5	12.0	12.3	14.4	12.8	0.000	0.000	0.000	0.000
23:45:00	20.2	18.7	19.3	17.5	11.7	12.2	13.0	12.6	0.000	0.000	0.000	0.000



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