



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-07-12

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.16 to 21.65	2943 SSE	3061 SSW	2996 SSW	2997 NW	Min : 71.60 Max : 96.26	Min : 54.00 Max : 98.50	Min : 26.61 Max : 36.26

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	29.8	59.5	12.6	23.9	0.002	0.040
2996	27.2	48.0	12.1	22.7	0.000	0.005
2997	34.2	67.7	12.5	22.7	0.008	0.048
3061	23.0	35.1	11.4	21.2	0.000	0.002

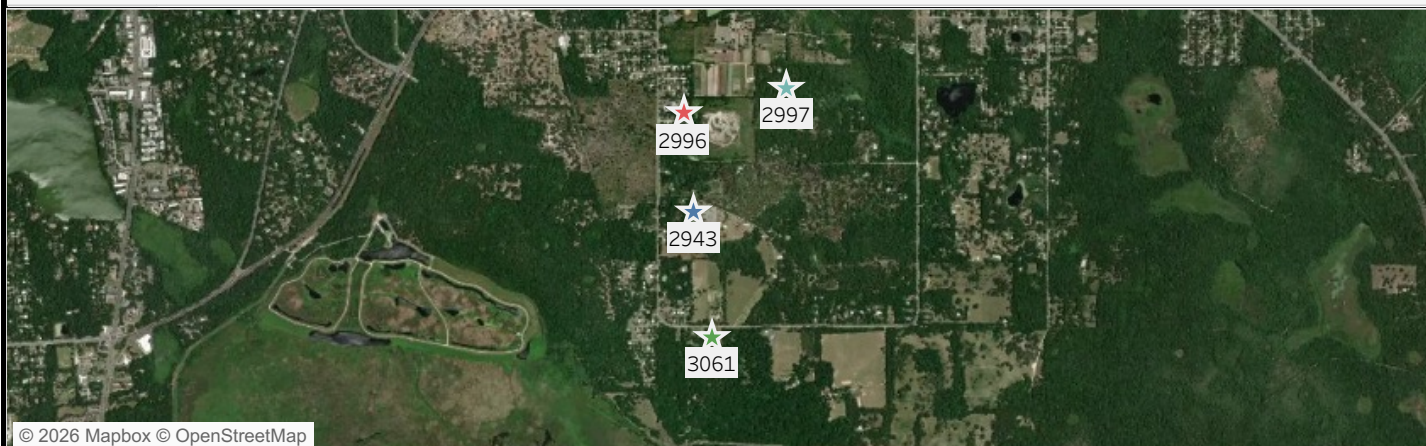
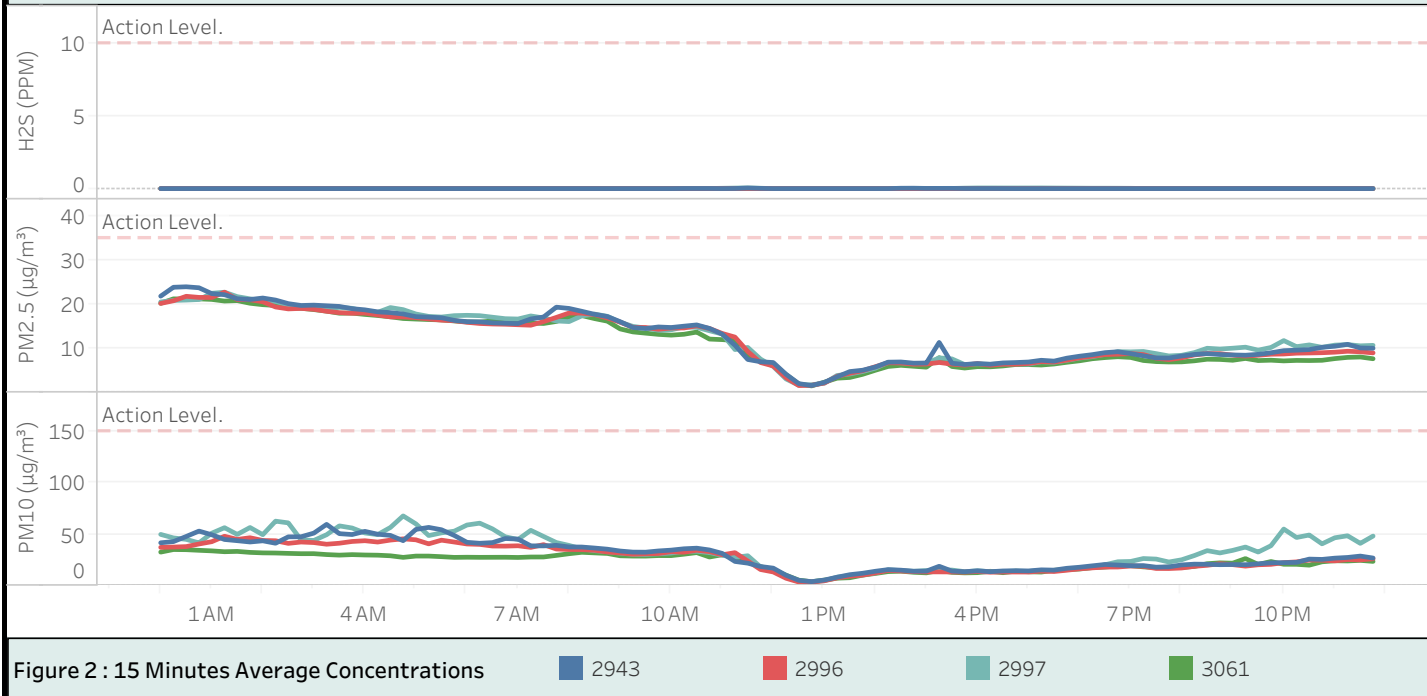


Figure 1 : Monitoring Locations





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Wind Rose Chart 2943

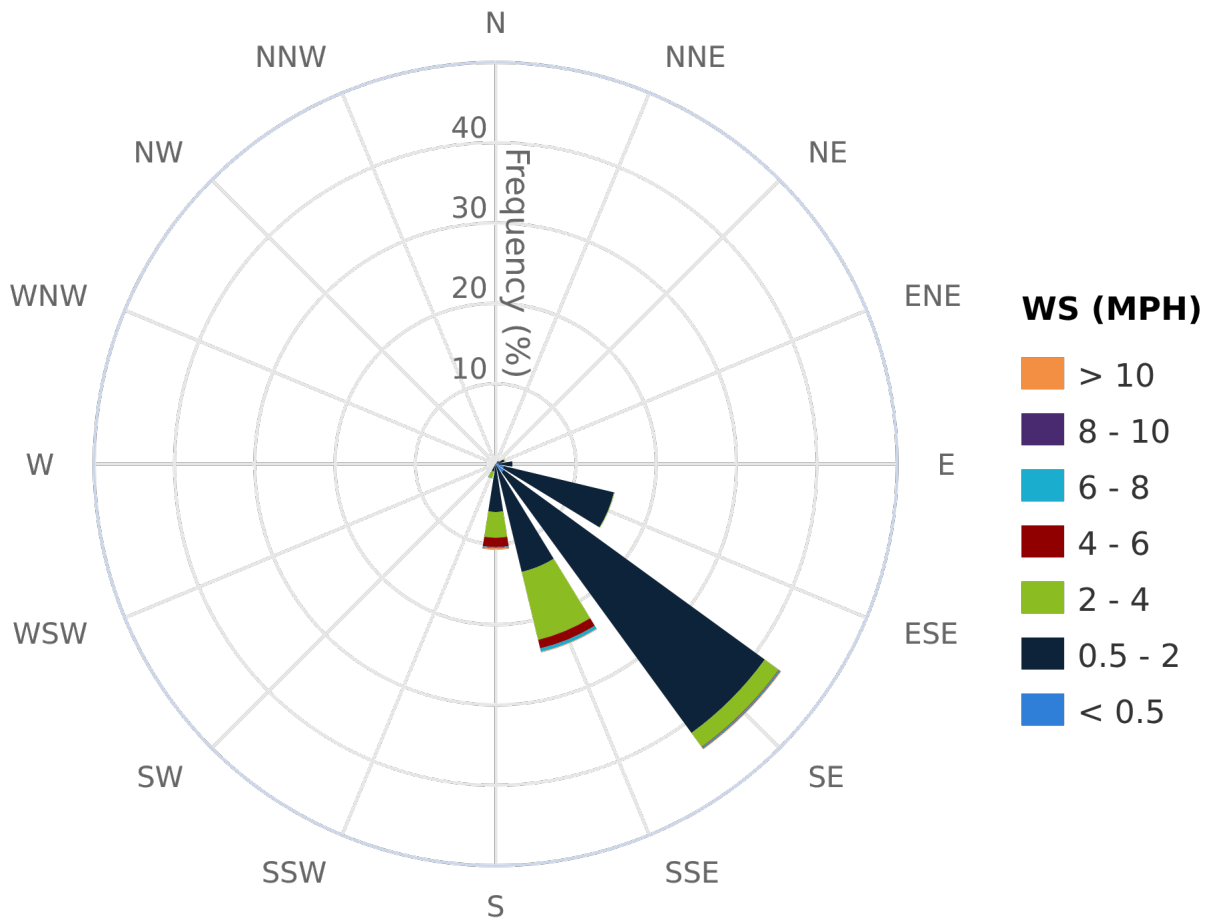


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

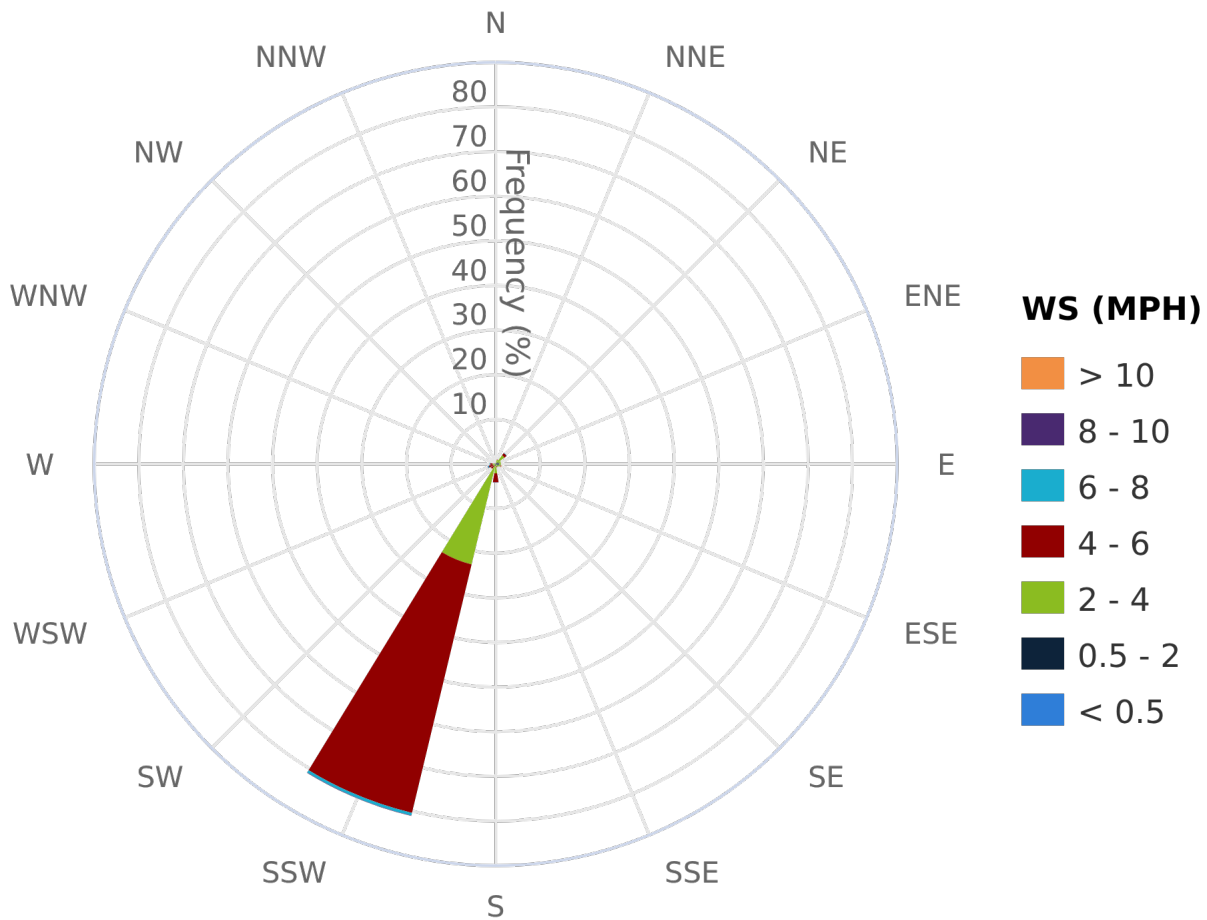


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

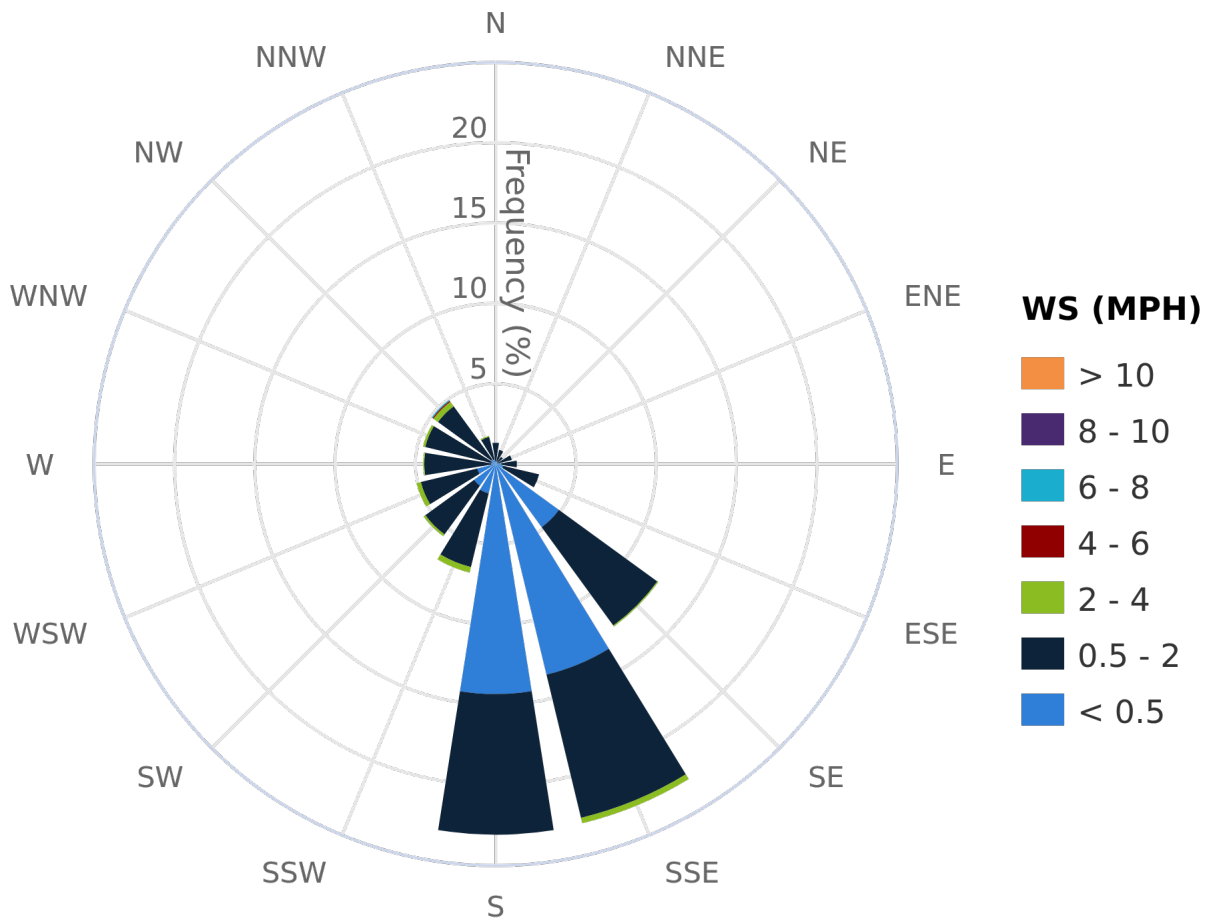


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

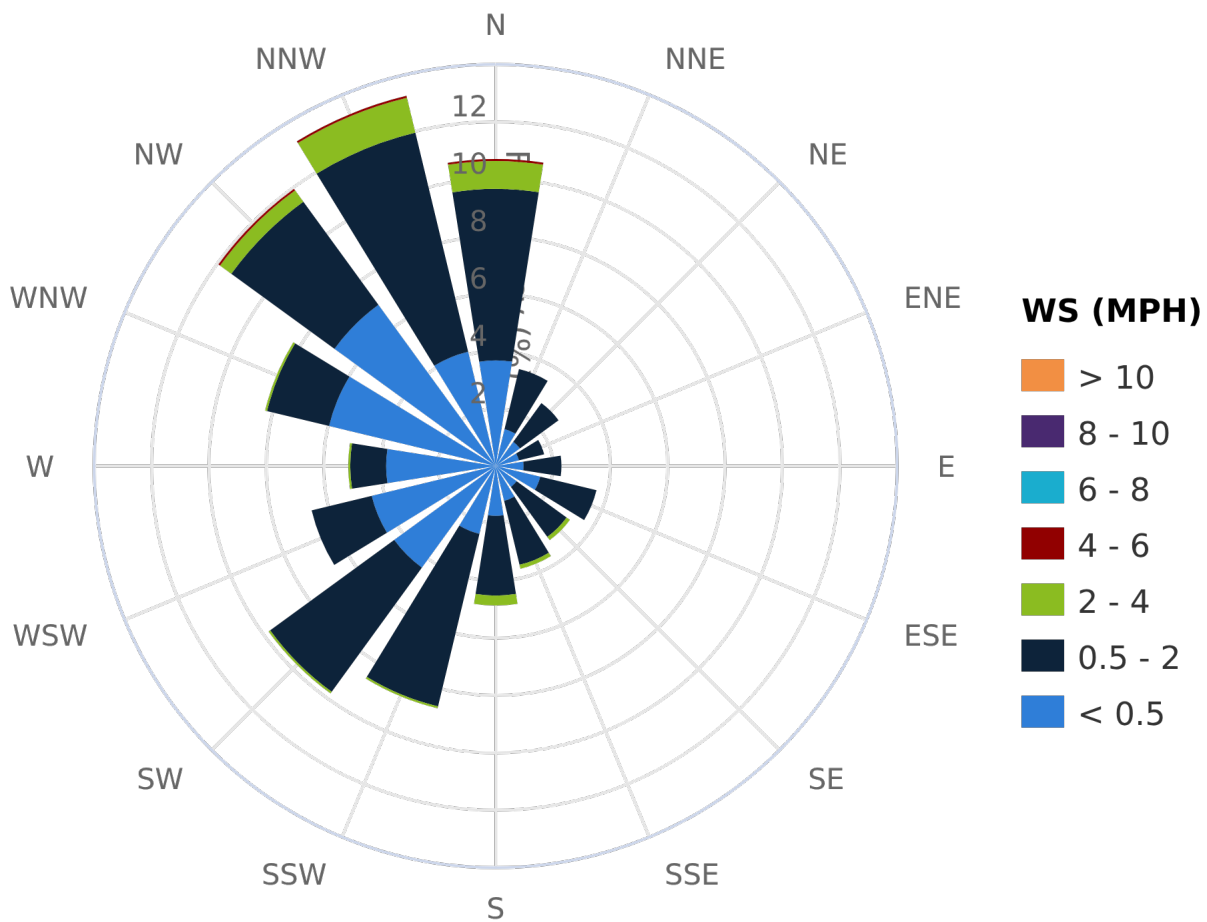


Figure 3 : Wind Rose Chart (WS in MPH)



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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	41.6	32.6	49.7	37.2	21.8	20.2	20.2	20.5	0.000	0.000	0.000	0.000
00:15:00	42.8	35.1	46.3	37.5	23.8	21.2	20.8	20.8	0.000	0.000	0.000	0.000
00:30:00	47.7	34.9	44.9	37.9	23.9	21.2	21.8	20.9	0.000	0.000	0.000	0.000
00:45:00	53.0	34.3	41.5	40.5	23.7	21.2	21.5	21.0	0.000	0.000	0.000	0.000
01:00:00	49.4	33.8	50.9	42.7	22.4	21.1	21.5	22.5	0.000	0.000	0.000	0.000
01:15:00	44.8	33.0	56.3	48.0	22.1	20.7	22.7	22.7	0.000	0.000	0.000	0.000
01:30:00	43.7	33.3	49.7	44.9	21.2	20.8	21.0	21.7	0.000	0.000	0.000	0.000
01:45:00	42.4	32.3	56.4	46.5	21.0	20.2	21.0	21.2	0.000	0.000	0.000	0.000
02:00:00	43.5	31.9	49.5	43.9	21.4	19.9	20.5	20.7	0.000	0.000	0.000	0.000
02:15:00	41.2	31.7	62.6	43.6	20.9	19.7	19.4	20.6	0.000	0.000	0.000	0.000
02:30:00	47.4	31.4	60.9	41.1	20.1	19.1	18.9	19.7	0.000	0.000	0.000	0.000
02:45:00	47.5	31.1	44.4	42.4	19.7	19.1	19.0	19.1	0.000	0.000	0.000	0.000
03:00:00	51.0	31.1	43.9	41.8	19.8	18.8	18.8	19.2	0.000	0.000	0.000	0.000
03:15:00	59.5	30.2	49.4	40.2	19.6	18.4	18.4	19.0	0.000	0.000	0.000	0.000
03:30:00	50.5	29.7	58.0	41.2	19.5	17.9	18.1	19.3	0.000	0.000	0.000	0.000
03:45:00	49.6	30.2	55.9	42.9	19.0	18.0	17.9	19.1	0.000	0.000	0.000	0.000
04:00:00	52.7	29.8	51.1	43.6	18.7	17.7	18.0	18.3	0.000	0.000	0.000	0.000
04:15:00	49.9	29.6	49.5	42.3	18.3	17.4	17.6	18.1	0.000	0.000	0.000	0.000
04:30:00	48.8	29.0	56.5	44.2	18.1	17.1	17.1	19.2	0.000	0.000	0.000	0.000
04:45:00	43.7	27.5	67.7	45.4	17.8	16.8	17.1	18.8	0.000	0.000	0.000	0.000
05:00:00	54.6	28.8	59.9	44.5	17.2	16.6	16.9	17.8	0.000	0.000	0.000	0.000
05:15:00	56.5	28.8	48.6	40.6	17.1	16.5	16.7	17.2	0.000	0.000	0.000	0.000
05:30:00	54.3	28.2	51.2	44.2	16.9	16.4	16.4	17.1	0.000	0.000	0.000	0.000
05:45:00	48.7	27.5	52.9	42.4	16.3	16.2	16.2	17.4	0.000	0.000	0.000	0.000
06:00:00	42.1	27.6	58.8	40.5	16.0	16.0	15.9	17.5	0.000	0.000	0.000	0.000
06:15:00	41.2	27.5	60.6	40.1	16.0	15.9	15.6	17.4	0.000	0.000	0.000	0.000
06:30:00	41.8	27.6	55.1	38.5	15.8	16.2	15.5	17.0	0.000	0.000	0.000	0.000
06:45:00	45.8	27.6	47.4	38.4	15.7	16.3	15.5	16.7	0.000	0.000	0.000	0.000
07:00:00	45.2	27.4	44.8	38.7	15.6	16.2	15.3	16.6	0.000	0.000	0.000	0.000
07:15:00	38.7	27.9	53.7	37.2	16.6	15.7	15.2	17.3	0.000	0.000	0.000	0.000
07:30:00	38.6	27.9	47.8	39.8	17.1	15.6	16.1	16.9	0.000	0.000	0.000	0.000
07:45:00	39.1	29.4	41.9	35.6	19.3	16.1	17.0	16.2	0.000	0.000	0.000	0.000
08:00:00	37.6	31.0	39.1	35.1	19.0	17.1	18.0	16.1	0.000	0.000	0.000	0.000
08:15:00	37.5	32.4	35.7	35.0	18.4	17.4	18.0	17.4	0.000	0.000	0.000	0.000
08:30:00	36.5	31.8	34.0	34.4	17.7	16.7	17.6	17.8	0.000	0.000	0.000	0.000
08:45:00	35.4	31.3	32.9	32.7	17.2	16.2	16.9	17.2	0.000	0.000	0.000	0.000
09:00:00	33.7	29.0	31.6	31.8	16.0	14.4	15.9	15.9	0.000	0.000	0.000	0.000
09:15:00	32.6	28.7	30.4	30.6	14.7	13.7	14.7	15.0	0.000	0.000	0.000	0.000
09:30:00	32.5	28.7	30.4	30.9	14.5	13.4	14.7	14.6	0.000	0.000	0.000	0.000
09:45:00	33.7	29.2	30.9	31.2	14.8	13.2	14.3	14.1	0.000	0.001	0.000	0.000
10:00:00	34.5	29.2	31.7	33.0	14.7	13.0	14.6	14.2	0.001	0.000	0.000	0.000
10:15:00	35.8	30.6	33.3	32.5	15.0	13.2	14.6	14.8	0.008	0.000	0.000	0.000
10:30:00	36.4	32.1	33.5	34.4	15.3	13.7	15.1	14.8	0.009	0.000	0.000	0.007
10:45:00	34.7	27.8	32.1	33.1	14.5	12.1	14.5	14.0	0.008	0.000	0.000	0.008
11:00:00	31.4	30.0	29.5	30.0	13.2	12.0	13.4	13.3	0.002	0.000	0.002	0.022
11:15:00	23.5	27.4	27.5	32.1	10.7	11.8	12.6	9.7	0.008	0.000	0.000	0.037
11:30:00	21.9	23.2	29.1	24.0	7.5	8.5	9.3	10.2	0.040	0.001	0.005	0.048
11:45:00	18.7	18.5	18.3	15.7	7.0	7.1	6.8	7.6	0.016	0.002	0.001	0.025



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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	17.1	15.6	14.0	13.4	6.8	6.3	6.0	5.9	0.000	0.000	0.000	0.000
12:15:00	10.2	10.2	8.2	7.3	4.2	4.1	3.4	3.1	0.000	0.000	0.000	0.000
12:30:00	5.3	5.4	4.4	3.6	2.0	1.9	1.6	1.7	0.000	0.000	0.000	0.001
12:45:00	4.0	3.9	4.1	3.5	1.6	1.5	1.7	1.8	0.000	0.000	0.000	0.000
13:00:00	5.6	5.5	4.9	4.8	2.3	2.4	2.2	2.1	0.000	0.000	0.000	0.000
13:15:00	8.3	7.3	8.3	7.6	3.6	3.3	3.7	3.9	0.000	0.000	0.000	0.000
13:30:00	10.7	7.8	9.9	9.3	4.8	3.4	4.4	4.2	0.000	0.000	0.000	0.000
13:45:00	12.1	10.3	10.7	10.3	5.1	4.1	4.9	4.8	0.000	0.000	0.000	0.000
14:00:00	14.1	11.9	12.5	12.5	5.8	5.1	5.9	5.5	0.000	0.000	0.000	0.000
14:15:00	15.6	13.7	15.5	14.9	6.9	5.9	6.7	6.8	0.002	0.000	0.000	0.000
14:30:00	15.1	14.1	14.7	14.3	6.9	6.2	6.7	6.7	0.025	0.000	0.000	0.000
14:45:00	14.1	13.1	14.0	13.7	6.7	6.0	6.4	6.5	0.028	0.000	0.000	0.000
15:00:00	14.2	12.5	14.7	13.4	6.7	5.8	6.5	6.7	0.014	0.000	0.000	0.000
15:15:00	18.9	14.9	15.2	13.4	11.3	7.9	6.8	7.9	0.016	0.001	0.000	0.002
15:30:00	14.2	13.0	15.2	13.4	6.6	5.9	6.4	7.6	0.017	0.000	0.000	0.012
15:45:00	13.6	12.5	13.7	13.1	6.4	5.6	6.2	6.3	0.007	0.000	0.000	0.032
16:00:00	14.5	12.7	14.5	13.8	6.6	5.9	6.6	6.5	0.005	0.000	0.000	0.045
16:15:00	13.6	14.0	13.7	13.1	6.4	5.8	6.2	6.4	0.006	0.000	0.000	0.045
16:30:00	14.4	12.6	13.8	13.4	6.7	6.0	6.4	6.5	0.004	0.000	0.000	0.043
16:45:00	14.6	14.1	14.3	13.3	6.8	6.4	6.4	6.5	0.000	0.000	0.000	0.043
17:00:00	14.4	13.5	13.9	13.3	6.9	6.3	6.6	6.4	0.000	0.000	0.000	0.044
17:15:00	15.4	13.3	14.8	14.2	7.3	6.2	7.0	7.0	0.000	0.000	0.000	0.046
17:30:00	15.2	15.0	14.6	13.8	7.1	6.5	6.9	6.9	0.000	0.000	0.000	0.040
17:45:00	16.9	15.6	15.7	15.1	7.8	6.9	7.4	7.3	0.000	0.000	0.000	0.036
18:00:00	18.0	16.2	16.9	16.4	8.2	7.2	7.9	7.8	0.000	0.000	0.000	0.031
18:15:00	19.3	17.6	18.0	17.3	8.6	7.7	8.2	8.1	0.000	0.000	0.000	0.026
18:30:00	20.6	18.1	20.4	18.1	9.0	7.9	8.6	8.6	0.000	0.000	0.000	0.027
18:45:00	20.1	19.3	23.3	18.2	9.2	8.1	8.7	9.3	0.000	0.000	0.000	0.025
19:00:00	19.4	19.5	23.6	19.1	8.8	8.0	8.8	9.2	0.000	0.000	0.000	0.020
19:15:00	19.5	18.3	26.4	18.8	8.3	7.3	8.6	9.3	0.000	0.000	0.000	0.009
19:30:00	18.0	17.6	25.9	16.7	7.9	7.0	7.8	8.8	0.000	0.000	0.000	0.008
19:45:00	18.3	18.2	23.0	16.7	7.8	6.9	7.5	8.3	0.000	0.000	0.000	0.012
20:00:00	20.2	17.7	25.2	17.2	8.3	7.0	7.9	8.4	0.000	0.000	0.000	0.016
20:15:00	20.9	18.7	29.3	18.8	8.6	7.2	8.5	9.0	0.000	0.000	0.000	0.014
20:30:00	20.8	21.4	34.0	19.8	8.8	7.6	8.8	10.0	0.000	0.001	0.000	0.010
20:45:00	20.4	22.2	31.8	21.4	8.6	7.5	8.8	9.9	0.000	0.001	0.000	0.007
21:00:00	20.6	21.9	34.3	20.5	8.5	7.3	8.5	10.0	0.001	0.001	0.000	0.008
21:15:00	20.4	26.3	37.5	19.0	8.5	7.7	8.3	10.3	0.002	0.001	0.000	0.005
21:30:00	21.3	20.7	32.7	20.3	8.7	7.3	8.5	9.6	0.001	0.000	0.004	0.002
21:45:00	22.2	23.5	38.8	20.7	9.0	7.3	8.7	10.2	0.002	0.000	0.002	0.001
22:00:00	22.4	20.8	54.9	22.4	9.5	7.2	8.7	11.8	0.001	0.000	0.002	0.000
22:15:00	22.7	20.8	46.7	23.1	9.6	7.3	8.9	10.4	0.000	0.000	0.000	0.000
22:30:00	25.8	20.0	49.2	24.9	9.7	7.3	9.0	10.8	0.000	0.000	0.000	0.000
22:45:00	25.5	23.2	40.6	24.8	10.2	7.3	9.0	10.2	0.000	0.000	0.000	0.000
23:00:00	26.8	24.2	46.5	24.1	10.5	7.7	9.1	10.7	0.000	0.000	0.000	0.000
23:15:00	27.4	24.0	48.4	25.4	10.9	8.0	9.4	10.9	0.000	0.000	0.000	0.000
23:30:00	28.8	24.6	41.1	25.0	10.1	8.1	9.2	10.6	0.000	0.000	0.000	0.000
23:45:00	26.9	23.6	48.1	26.1	10.0	7.7	9.0	10.7	0.000	0.000	0.000	0.000



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