



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-07-17

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.157 to 9.127	2943 SE	3061 SSW	2996 SSW	2997 NW	Min : 71.42 Max : 102.2	Min : 49.80 Max : 91.20	Min : 27.36 Max : 36.03

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	23.3	136.8	7.8	26.7	0.001	0.033
2996	16.0	34.2	7.9	12.1	0.000	0.003
2997	21.7	58.3	8.0	12.6	0.003	0.065
3061	18.9	45.5	7.8	12.1	0.000	0.005

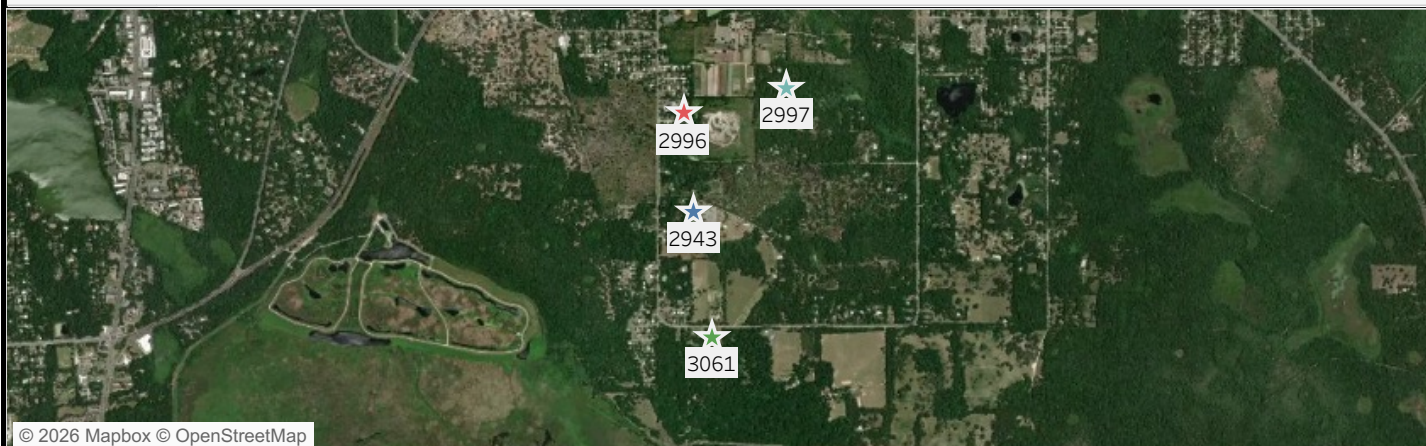
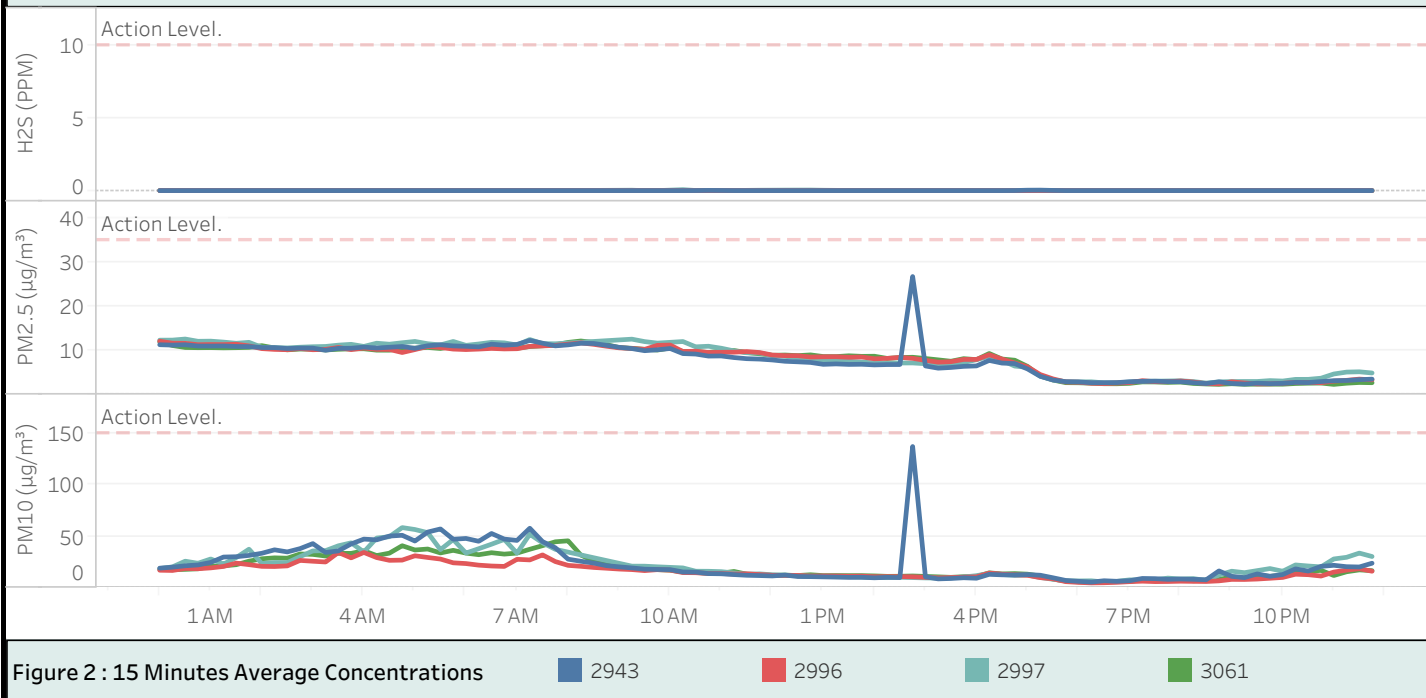


Figure 1 : Monitoring Locations





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Wind Rose Chart 2943

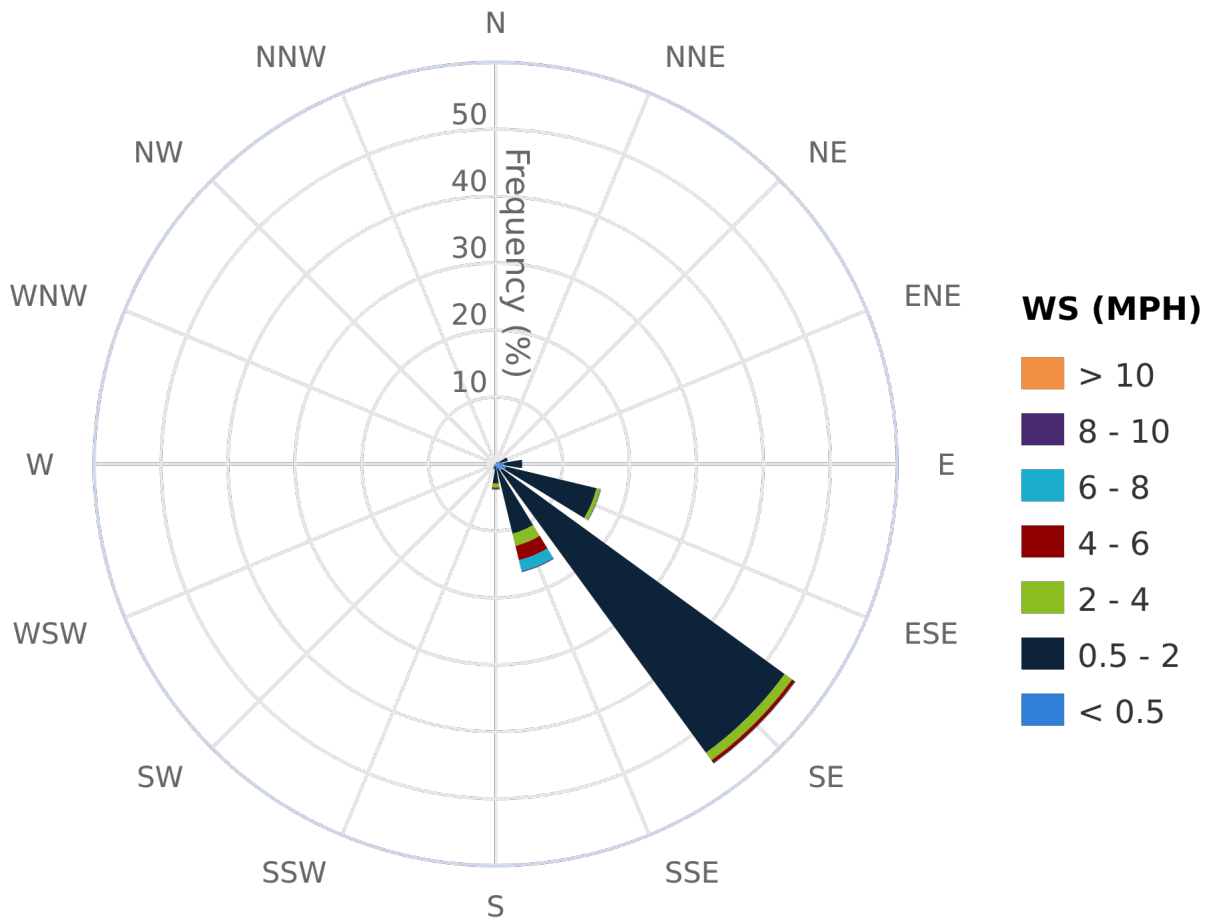


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

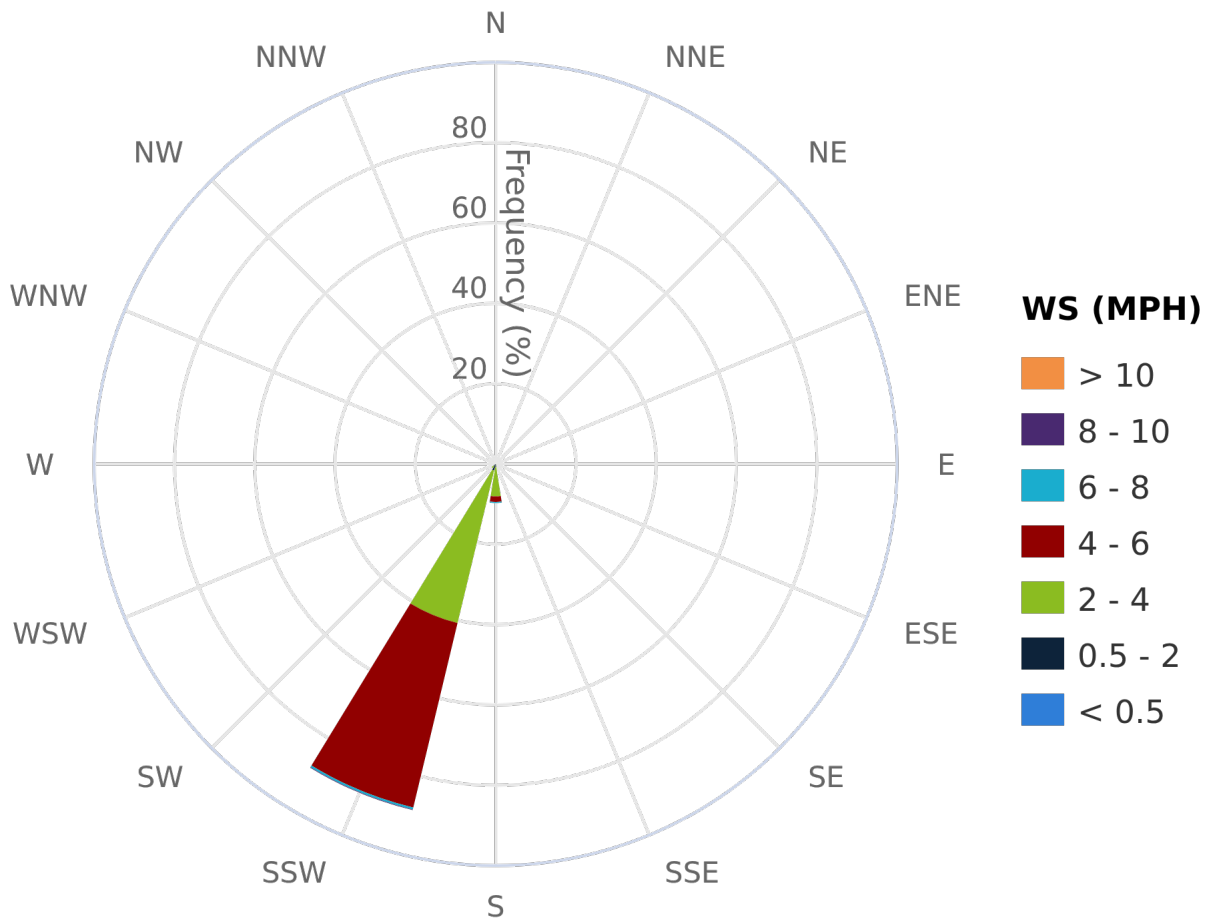


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

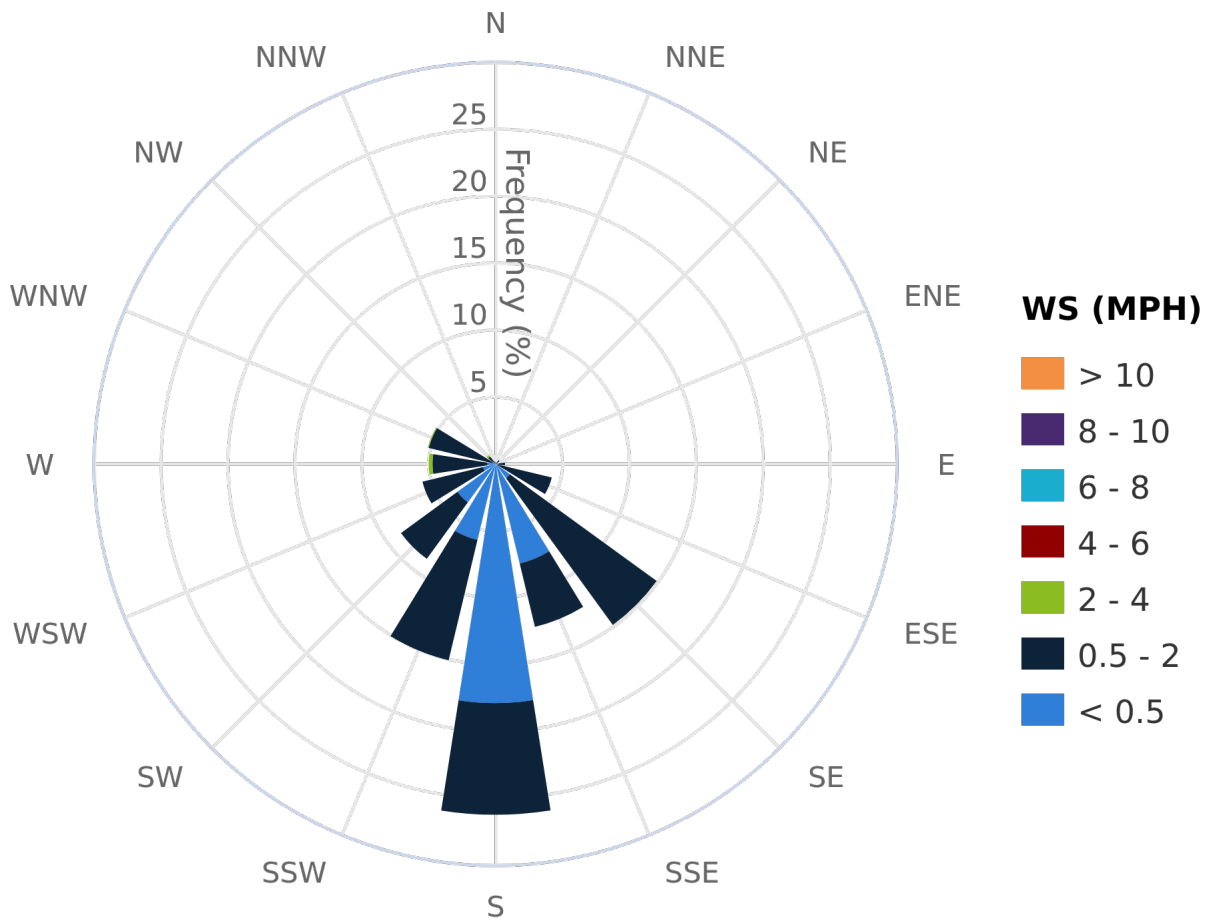


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

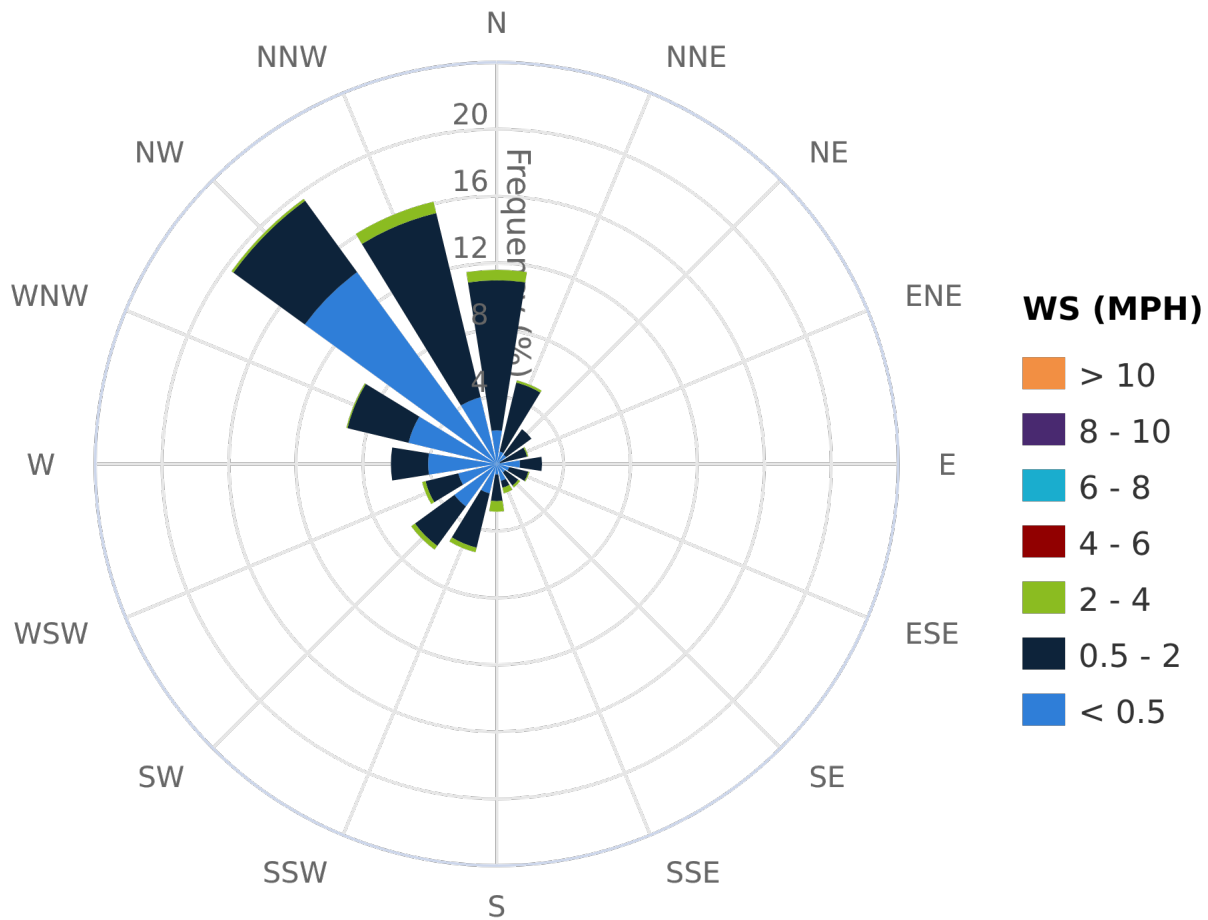


Figure 3 : Wind Rose Chart (WS in MPH)



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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	19.0	17.8	18.6	17.0	11.3	11.9	12.1	12.3	0.000	0.000	0.000	0.000
00:15:00	19.9	17.5	20.2	16.8	11.2	11.1	11.6	12.3	0.000	0.000	0.000	0.000
00:30:00	21.3	17.8	25.8	18.7	11.3	10.7	11.6	12.6	0.000	0.000	0.000	0.000
00:45:00	22.1	18.4	23.7	18.4	11.0	10.6	11.3	12.1	0.000	0.000	0.000	0.000
01:00:00	24.5	21.0	27.9	19.3	11.0	10.6	11.3	12.1	0.000	0.000	0.000	0.000
01:15:00	29.8	21.2	23.0	20.6	11.0	10.6	11.3	11.9	0.000	0.000	0.000	0.000
01:30:00	30.1	22.4	29.3	23.9	10.9	10.6	11.4	11.6	0.000	0.000	0.000	0.000
01:45:00	31.3	25.8	37.4	22.4	10.9	10.7	11.0	11.8	0.000	0.000	0.000	0.000
02:00:00	33.4	28.1	23.5	20.7	10.6	11.1	10.4	10.7	0.000	0.000	0.000	0.000
02:15:00	36.8	29.0	24.4	20.6	10.6	10.5	10.2	10.6	0.000	0.000	0.000	0.000
02:30:00	34.7	28.6	24.4	21.2	10.4	10.1	10.2	10.6	0.000	0.000	0.000	0.000
02:45:00	37.9	32.7	30.1	26.5	10.5	10.3	10.4	10.7	0.000	0.000	0.000	0.000
03:00:00	42.8	32.3	35.7	25.7	10.5	10.3	10.1	10.8	0.000	0.000	0.000	0.000
03:15:00	34.2	30.7	36.0	25.0	10.0	10.1	10.2	10.9	0.000	0.000	0.000	0.000
03:30:00	35.7	33.3	40.6	34.2	10.5	10.2	10.7	11.2	0.000	0.000	0.000	0.000
03:45:00	42.5	33.3	43.5	29.0	10.5	10.4	10.2	11.4	0.000	0.000	0.000	0.000
04:00:00	47.1	35.8	34.7	34.2	10.7	10.4	10.5	10.9	0.000	0.000	0.000	0.000
04:15:00	46.4	31.2	48.1	29.2	10.5	10.1	10.2	11.6	0.000	0.000	0.000	0.000
04:30:00	50.1	33.5	49.4	26.6	10.7	10.0	10.2	11.4	0.000	0.000	0.000	0.000
04:45:00	50.8	40.7	58.3	26.8	10.9	10.4	9.5	11.7	0.000	0.000	0.000	0.000
05:00:00	45.3	36.6	56.4	31.0	10.5	10.5	10.2	12.0	0.000	0.000	0.000	0.000
05:15:00	53.9	37.5	53.4	29.3	11.1	10.7	10.9	11.5	0.000	0.000	0.000	0.000
05:30:00	57.0	33.7	36.9	27.8	11.3	10.4	10.7	11.2	0.000	0.000	0.000	0.000
05:45:00	47.0	36.3	46.7	24.2	11.0	10.9	10.3	12.0	0.000	0.000	0.000	0.000
06:00:00	47.8	33.6	33.6	23.4	10.9	10.6	10.2	11.1	0.000	0.000	0.000	0.000
06:15:00	45.0	32.0	37.8	21.9	10.8	10.6	10.3	11.5	0.000	0.000	0.000	0.000
06:30:00	52.6	34.0	42.2	21.1	11.4	10.8	10.4	11.8	0.000	0.000	0.000	0.000
06:45:00	47.2	32.6	46.8	20.7	11.2	10.8	10.3	11.7	0.000	0.000	0.000	0.000
07:00:00	45.8	33.6	33.5	27.6	11.3	10.5	10.4	11.2	0.000	0.000	0.000	0.000
07:15:00	57.6	37.3	51.9	27.0	12.2	10.9	10.9	12.5	0.000	0.000	0.000	0.000
07:30:00	44.7	40.8	43.5	31.8	11.6	11.0	11.0	11.5	0.000	0.000	0.000	0.000
07:45:00	38.7	44.5	37.3	25.4	11.0	11.3	11.1	11.5	0.000	0.000	0.000	0.000
08:00:00	27.7	45.5		21.7	11.2	11.8	11.4		0.000	0.000	0.000	
08:15:00	25.7	31.7		20.8	11.6	12.1	11.7		0.000	0.000	0.000	
08:30:00	23.9	25.9		19.7	11.6	11.8	11.4		0.000	0.000	0.000	
08:45:00	21.4	22.8		18.9	11.1	11.3	10.9		0.000	0.000	0.000	
09:00:00	20.3	20.3		18.1	10.7	10.6	10.6		0.000	0.000	0.000	
09:15:00	19.2	19.0	21.0	17.6	10.4	10.5	10.4	12.5	0.000	0.000	0.000	0.028
09:30:00	18.0	18.1	20.9	16.6	9.9	10.2	10.2	12.0	0.000	0.001	0.000	0.000
09:45:00	17.8	17.5	20.3	17.5	10.1	10.1	11.1	11.6	0.000	0.000	0.000	0.000
10:00:00	17.6	17.0		17.1	10.4	10.5	11.2		0.000	0.001	0.000	
10:15:00	15.3	15.2	19.2	14.7	9.3	9.8	9.7	12.0	0.000	0.000	0.000	0.065
10:30:00	15.2	14.8	16.0	14.6	9.2	9.8	9.8	10.8	0.003	0.000	0.000	0.008
10:45:00	13.7	14.1	16.0	13.8	8.7	9.5	9.5	10.9	0.013	0.000	0.000	0.000
11:00:00	13.5	14.1	15.6	13.8	8.7	9.9	9.6	10.5	0.008	0.000	0.000	0.000
11:15:00	12.8	15.8	14.4	13.3	8.4	10.0	9.6	9.9	0.001	0.000	0.000	0.001
11:30:00	12.1	13.2	13.2	13.5	8.1	9.5	9.7	9.5	0.000	0.000	0.000	0.017
11:45:00	11.8	12.9	13.5	12.8	8.0	9.2	9.5	9.4	0.000	0.000	0.000	0.026



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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	11.5	12.1	12.6	12.1	7.8	8.9	9.0	8.8	0.000	0.000	0.000	0.029
12:15:00	12.3	12.3	12.3	12.0	7.5	9.0	8.8	8.6	0.000	0.000	0.000	0.034
12:30:00	10.9	11.9	11.7	11.9	7.4	8.8	8.8	8.3	0.000	0.000	0.000	0.036
12:45:00	10.8	12.6	11.2	11.3	7.3	9.0	8.5	8.0	0.000	0.000	0.000	0.038
13:00:00	10.6	11.8	11.1	11.5	6.8	8.6	8.6	7.8	0.000	0.000	0.000	0.024
13:15:00	10.3	11.8	10.7	11.4	6.9	8.6	8.6	7.7	0.000	0.000	0.000	0.017
13:30:00	10.0	11.8	10.8	11.2	6.8	8.8	8.4	7.5	0.000	0.000	0.000	0.000
13:45:00	10.2	11.8	10.2	11.2	6.9	8.7	8.5	7.4	0.000	0.000	0.000	0.001
14:00:00	9.6	11.5	9.9	10.7	6.7	8.7	8.1	7.2	0.000	0.000	0.000	0.000
14:15:00	10.1	11.1	9.8	10.8	6.8	8.2	8.2	7.1	0.000	0.000	0.000	0.000
14:30:00	9.8	11.1	10.1	10.8	6.8	8.4	8.4	7.1	0.000	0.000	0.000	0.000
14:45:00	136.8	11.4	9.8	10.7	26.7	8.4	8.2	7.2	0.000	0.000	0.000	0.000
15:00:00	10.6	11.0	9.5	10.2	6.5	8.2	7.8	7.0	0.000	0.000	0.000	0.000
15:15:00	8.6	10.6	9.4	9.6	6.0	7.9	7.3	6.9	0.000	0.000	0.000	0.000
15:30:00	9.0	10.1	9.7	9.9	6.1	7.5	7.4	6.9	0.000	0.000	0.000	0.000
15:45:00	9.7	10.7	10.4	10.2	6.4	8.1	8.0	7.3	0.000	0.000	0.000	0.000
16:00:00	9.2	11.0	11.7	10.6	6.5	7.9	8.0	7.9	0.000	0.000	0.000	0.000
16:15:00	13.0	14.5	13.9	14.2	7.7	9.3	9.0	8.7	0.000	0.000	0.000	0.000
16:30:00	12.5	13.4	12.8	13.2	7.1	8.0	8.0	7.7	0.000	0.000	0.000	0.000
16:45:00	12.4	13.7	12.0	12.6	7.0	7.8	7.2	6.5	0.005	0.002	0.000	0.004
17:00:00	12.8	13.2	12.4	12.1	5.8	6.4	6.3	6.2	0.028	0.005	0.000	0.005
17:15:00	12.1	11.4	9.9	9.8	4.1	4.2	4.5	4.2	0.033	0.004	0.002	0.001
17:30:00	9.7	8.4	8.2	8.7	3.3	3.3	3.6	3.4	0.013	0.002	0.003	0.000
17:45:00	7.1	6.5	6.7	5.9	2.9	2.7	2.9	2.9	0.000	0.000	0.000	0.000
18:00:00	6.3	5.7	6.6	5.2	2.9	2.7	2.8	2.9	0.000	0.000	0.000	0.000
18:15:00	5.5	5.5	6.8	4.7	2.7	2.6	2.6	2.9	0.000	0.000	0.000	0.000
18:30:00	6.8	5.6	5.6	4.9	2.7	2.5	2.5	2.7	0.000	0.000	0.000	0.000
18:45:00	6.3	5.9	6.3	5.3	2.7	2.5	2.6	2.7	0.000	0.000	0.000	0.000
19:00:00	6.9	5.9	7.7	5.9	2.9	2.5	2.7	2.8	0.000	0.000	0.000	0.000
19:15:00	9.0	8.0	7.5	6.4	3.0	2.9	3.2	3.0	0.000	0.000	0.000	0.000
19:30:00	8.8	7.8	7.8	6.0	3.0	2.9	2.9	3.0	0.000	0.000	0.000	0.000
19:45:00	8.2	7.2	9.4	6.1	2.9	2.8	2.9	3.1	0.000	0.000	0.000	0.000
20:00:00	8.5	7.9	8.5	6.3	2.9	2.8	3.1	3.1	0.000	0.000	0.000	0.000
20:15:00	8.2	6.7	8.9	6.2	2.7	2.5	2.8	3.0	0.000	0.000	0.000	0.000
20:30:00	7.7	7.5	7.1	6.1	2.5	2.4	2.5	2.6	0.000	0.000	0.000	0.000
20:45:00	16.3	8.0	12.3	6.7	2.9	2.3	2.4	2.9	0.000	0.000	0.000	0.000
21:00:00	11.1	10.5	16.0	8.1	2.5	2.5	2.9	3.0	0.000	0.000	0.000	0.000
21:15:00	9.8	9.5	14.6	8.0	2.4	2.3	2.6	3.0	0.000	0.000	0.000	0.000
21:30:00	13.4	11.9	16.6	8.5	2.6	2.4	2.4	3.0	0.000	0.000	0.000	0.000
21:45:00	11.1	11.1	18.6	9.2	2.5	2.4	2.4	3.2	0.000	0.000	0.000	0.000
22:00:00	12.8	12.2	16.0	10.0	2.6	2.4	2.6	3.1	0.000	0.000	0.000	0.000
22:15:00	18.3	14.3	22.1	13.1	2.8	2.5	2.8	3.5	0.000	0.000	0.000	0.000
22:30:00	16.2	15.5	21.1	12.7	2.7	2.6	2.8	3.5	0.000	0.000	0.000	0.000
22:45:00	20.7	16.9	20.2	11.3	3.0	2.6	2.7	3.7	0.000	0.000	0.000	0.000
23:00:00	21.8	11.9	27.9	15.2	3.2	2.3	3.1	4.7	0.000	0.000	0.000	0.000
23:15:00	20.4	15.5	29.5	17.1	3.2	2.6	3.2	5.1	0.000	0.000	0.000	0.000
23:30:00	20.1	17.3	33.6	18.5	3.4	2.7	3.5	5.2	0.000	0.000	0.000	0.000
23:45:00	23.8	16.6	30.3	16.0	3.5	2.7	3.4	4.9	0.000	0.000	0.000	0.000



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