



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-07-18

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.134 to 6.823	2943 SSE	3061 SSW	2996 S	2997 NW	Min : 69.62 Max : 104.9	Min : 43.10 Max : 98.70	Min : 27.54 Max : 35.67

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	26.3	129.1	9.1	14.3	0.005	0.043
2996	20.5	27.8	8.8	14.1	0.008	0.071
2997	29.7	55.0	10.2	13.8	0.007	0.055
3061	20.8	31.5	8.3	13.3	0.001	0.004

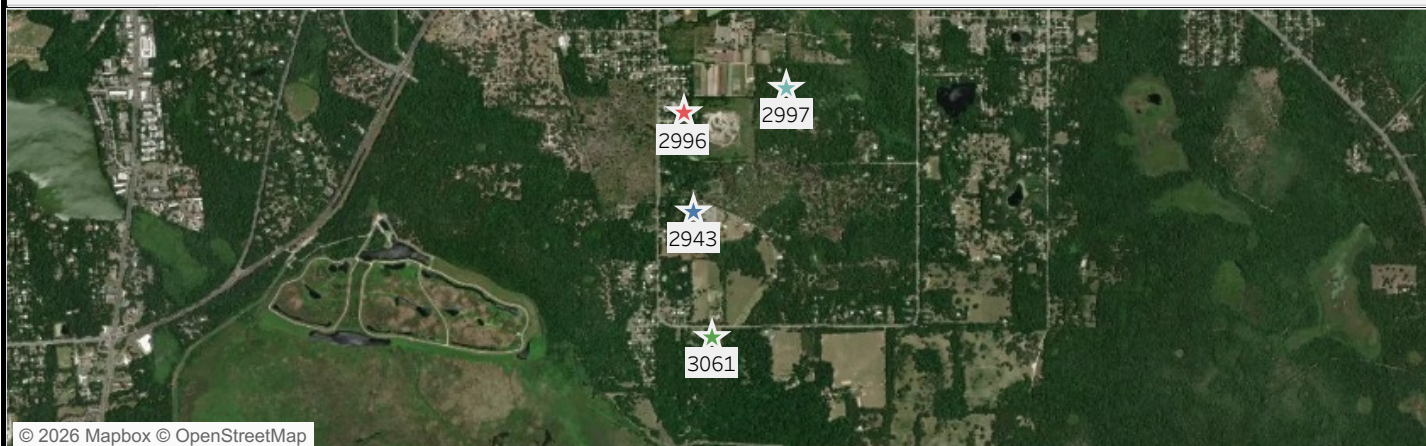
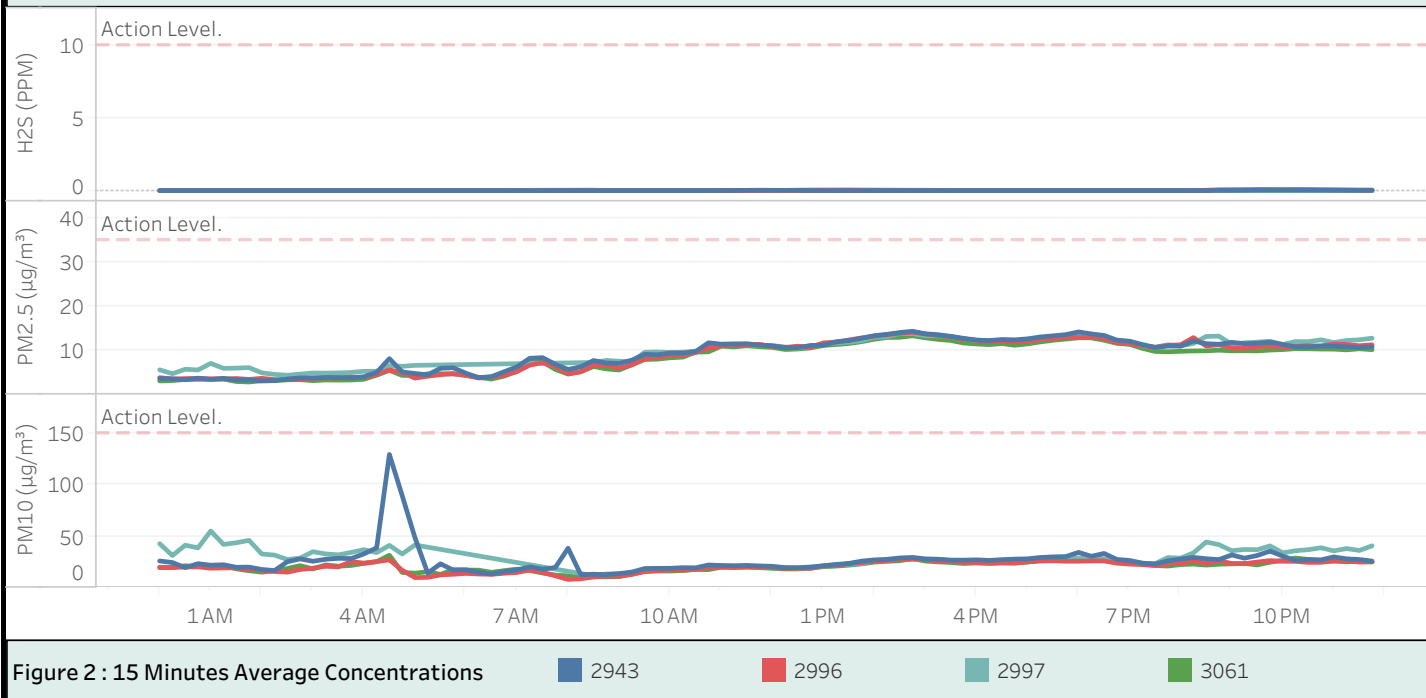


Figure 1 : Monitoring Locations





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Wind Rose Chart 2943

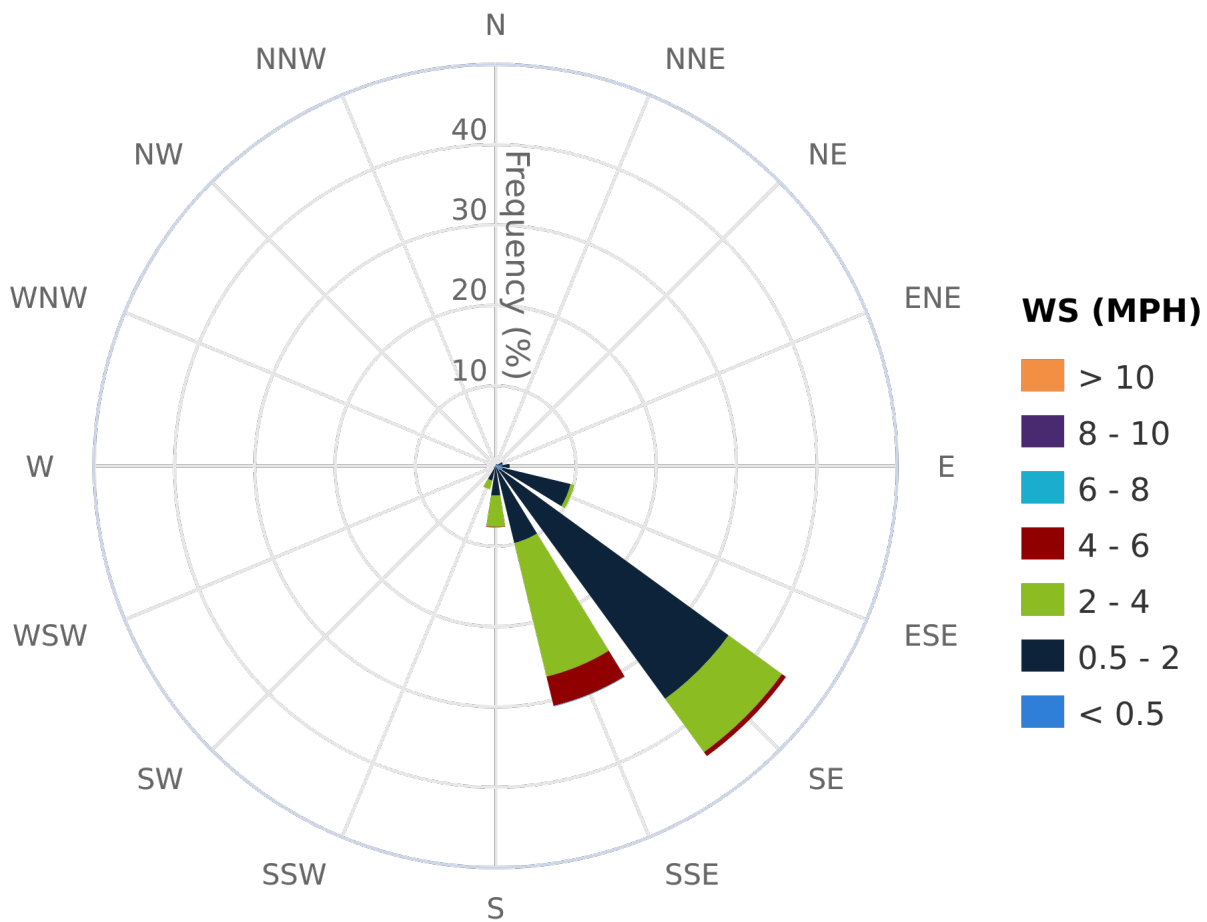


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

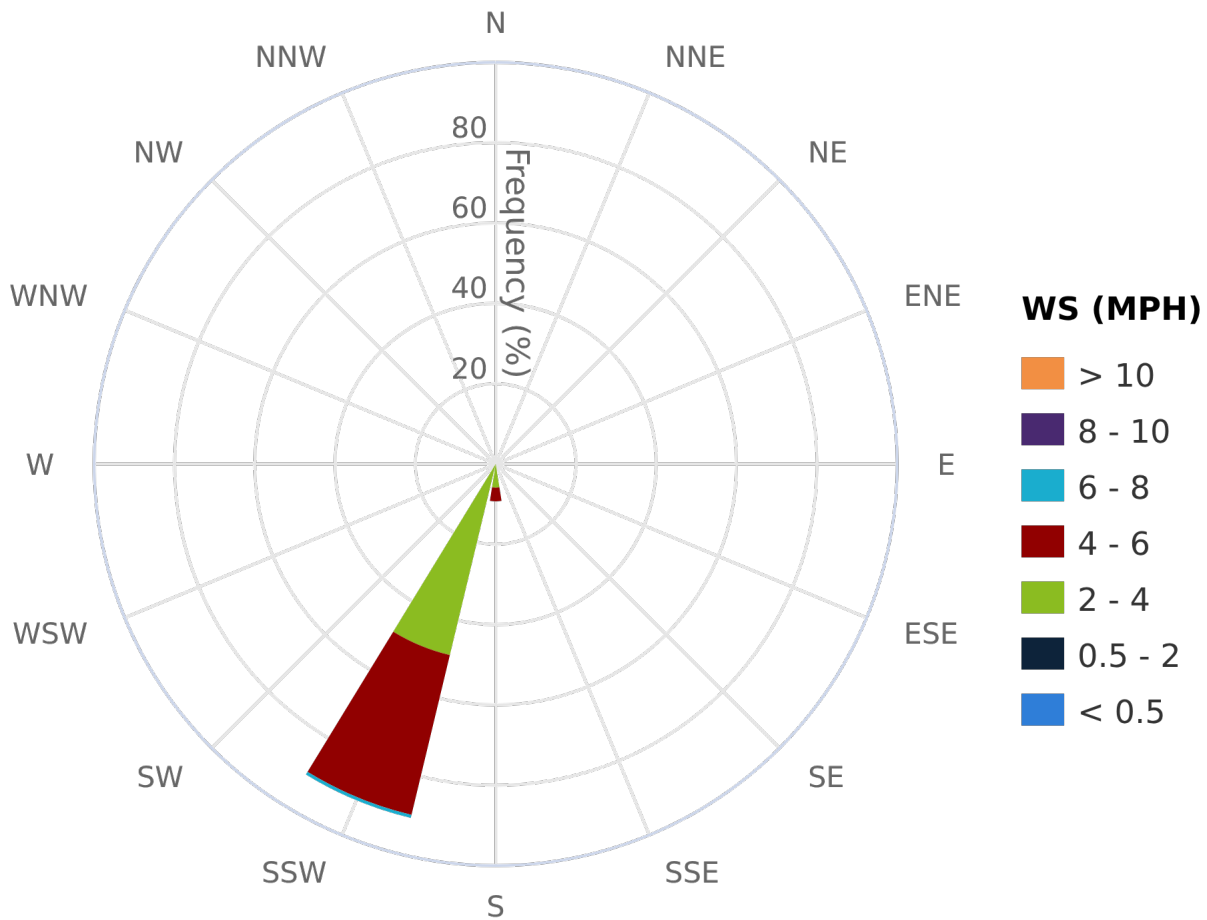


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

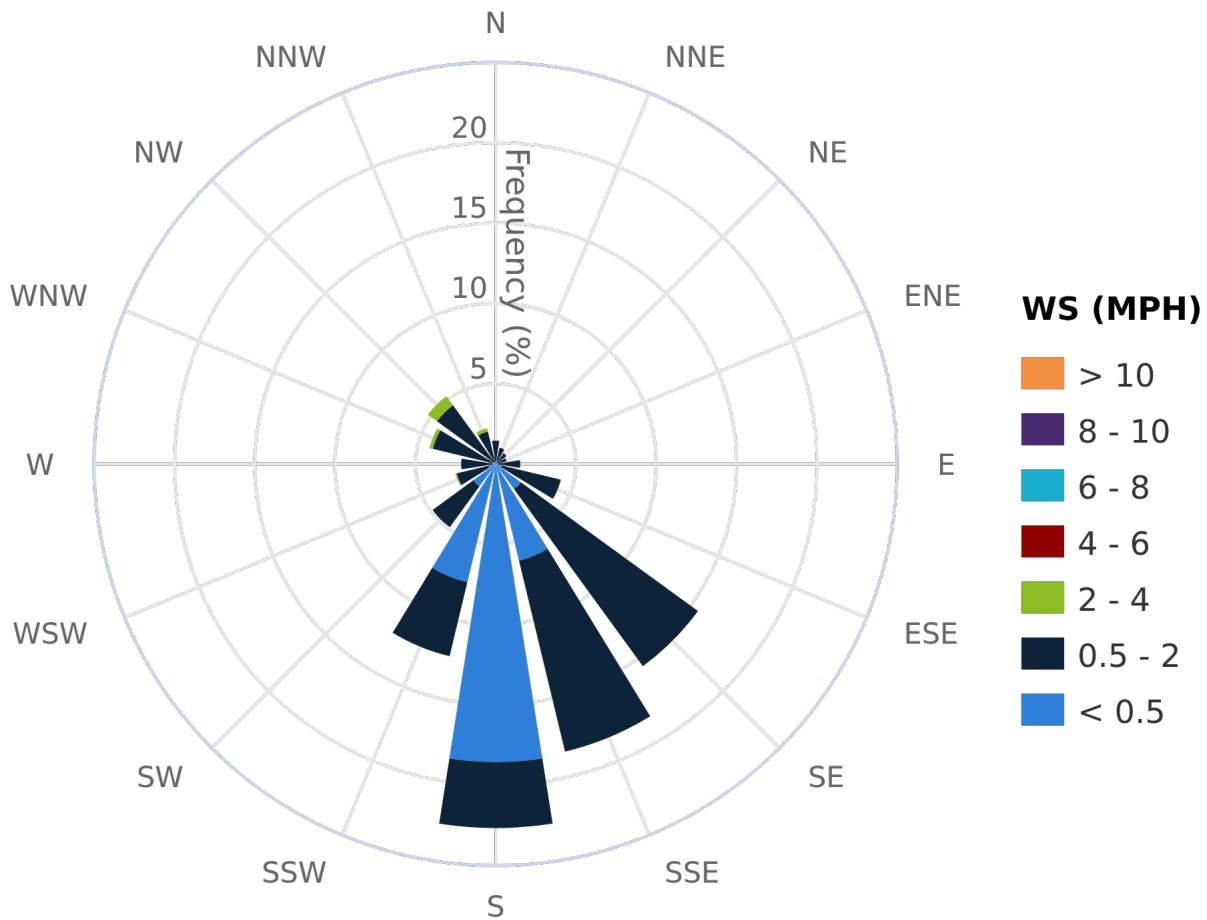


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

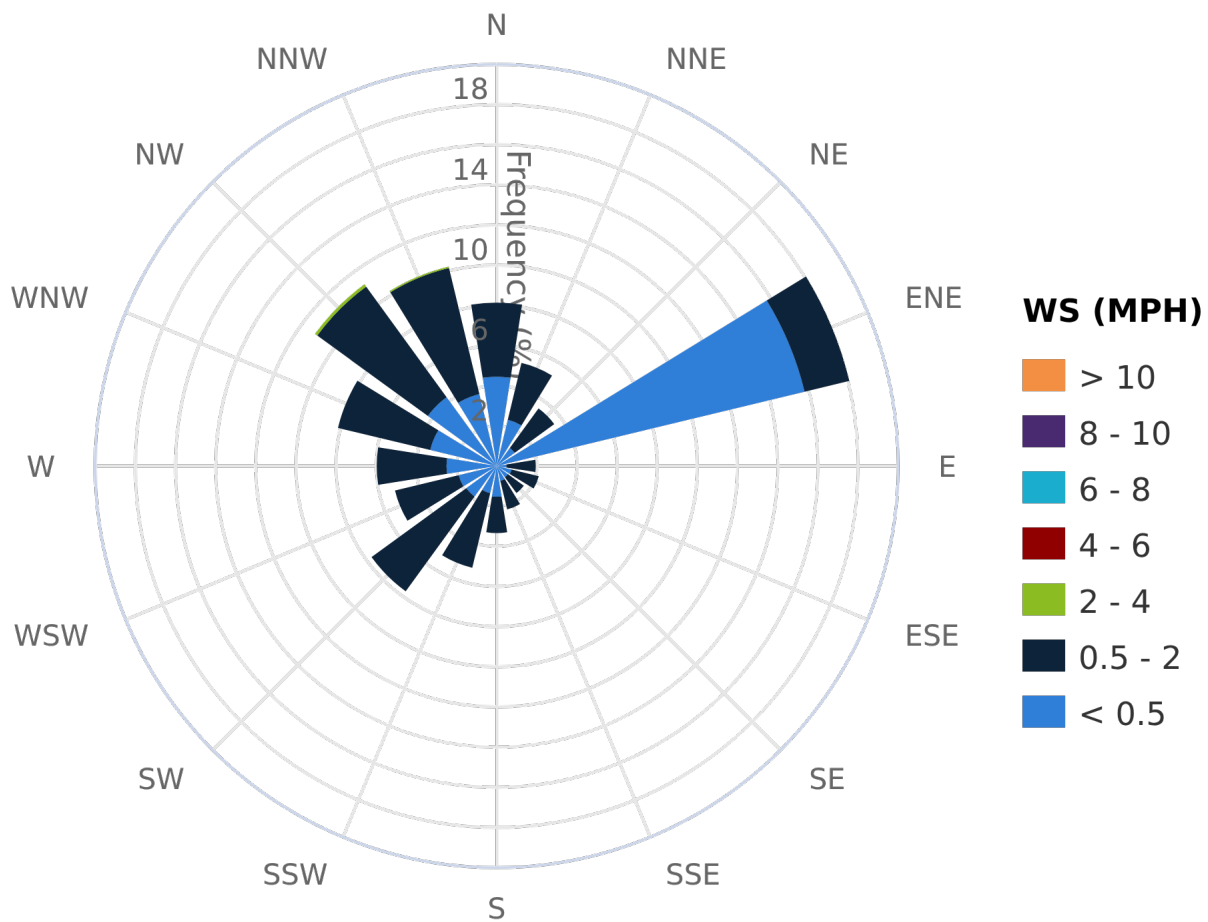


Figure 3 : Wind Rose Chart (WS in MPH)



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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	25.9	19.4	42.7	19.9	3.6	3.1	3.8	5.6	0.000	0.000	0.000	0.000
00:15:00	24.4	19.7	31.2	19.7	3.6	3.2	3.5	4.7	0.000	0.000	0.000	0.000
00:30:00	19.5	21.4	41.2	20.1	3.4	3.4	3.6	5.7	0.000	0.000	0.000	0.000
00:45:00	23.3	20.4	38.6	20.3	3.7	3.5	3.7	5.6	0.000	0.000	0.000	0.000
01:00:00	21.9	21.6	55.0	18.9	3.5	3.5	3.6	7.1	0.000	0.000	0.000	0.000
01:15:00	22.3	21.6	42.0	19.3	3.7	3.5	3.5	5.9	0.000	0.000	0.000	0.000
01:30:00	19.9	18.3	43.6	19.2	3.3	3.0	3.6	6.0	0.000	0.000	0.000	0.000
01:45:00	20.0	16.5	46.0	17.7	3.3	2.9	3.4	6.1	0.000	0.000	0.000	0.000
02:00:00	17.7	15.1	32.7	17.1	3.1	3.2	3.7	4.9	0.000	0.000	0.000	0.000
02:15:00	16.7	16.4	31.6	15.8	3.2	3.2	3.4	4.6	0.000	0.000	0.000	0.000
02:30:00	25.2	18.6	27.4	15.2	3.5	3.3	3.4	4.4	0.000	0.000	0.000	0.000
02:45:00	28.0	21.4	28.7	17.7	3.8	3.4	3.4	4.6	0.000	0.000	0.000	0.000
03:00:00	25.7	18.3	35.0	19.0	3.8	3.2	3.7	4.9	0.000	0.000	0.000	0.000
03:15:00	27.6	22.2	32.8	20.8	3.9	3.3	3.8	4.9	0.000	0.000	0.000	0.000
03:30:00	28.5	20.9	31.9	20.3	3.9	3.3	3.8	4.9	0.000	0.000	0.000	0.000
03:45:00	28.3	21.6	34.2	25.3	3.8	3.3	4.0	5.0	0.000	0.000	0.000	0.000
04:00:00	32.8	23.6	36.9	23.9	4.0	3.5	3.8	5.3	0.000	0.000	0.000	0.000
04:15:00	38.7	25.3	34.1	25.3	5.0	4.4	4.6	5.3	0.000	0.000	0.000	0.000
04:30:00	129.1	31.5	41.1	27.1	8.1	5.5	5.6	6.6	0.000	0.000	0.000	0.000
04:45:00	89.3	14.9	32.7	17.0	5.1	4.3	5.0	6.4	0.000	0.000	0.000	0.000
05:00:00	48.6	14.1	41.4	9.9	4.8	4.4	3.7	6.6	0.000	0.000	0.000	0.000
05:15:00	14.2	15.5		10.1	4.5	4.7	4.2		0.000	0.000	0.000	
05:30:00	23.2	13.0		12.5	6.0	4.7	4.5		0.000	0.000	0.000	
05:45:00	17.2	17.4		13.1	6.1	4.7	4.7		0.000	0.000	0.000	
06:00:00	17.4	17.2		13.9	4.8	4.3	4.4		0.000	0.000	0.000	
06:15:00	15.0	17.0		13.3	3.8	3.9	3.8		0.000	0.000	0.000	
06:30:00	13.3	15.0		13.0	4.1	3.5	4.0		0.000	0.000	0.000	
06:45:00	15.7	16.6		14.1	5.2	4.2	4.3		0.000	0.000	0.000	
07:00:00	17.4	18.1		14.9	6.3	5.3	5.2		0.000	0.000	0.000	
07:15:00	20.2	16.8		17.2	8.2	7.5	6.7		0.000	0.000	0.000	
07:30:00	18.1	14.4		14.7	8.4	7.4	7.2		0.000	0.000	0.000	
07:45:00	19.6	12.3		11.6	6.9	5.7	6.3		0.000	0.000	0.000	
08:00:00	38.3	11.5		8.1	5.7	4.6	4.8		0.000	0.000	0.000	
08:15:00	12.6	10.0		8.7	6.3	5.2	5.2		0.000	0.000	0.000	
08:30:00	13.1	10.9	11.7	10.4	7.7	6.4	6.6	7.3	0.000	0.000	0.000	0.033
08:45:00	12.7	10.6	13.4	11.1	7.1	5.8	6.7	7.7	0.000	0.000	0.000	0.005
09:00:00	13.7	10.8		11.3	7.1	5.6	6.0		0.000	0.000	0.000	
09:15:00	15.2	13.3	13.6	12.9	7.8	6.7	6.7	7.4	0.000	0.000	0.000	0.017
09:30:00	18.6	15.8	18.1	15.8	9.1	7.9	8.1	9.6	0.000	0.000	0.000	0.000
09:45:00	18.8	16.3	18.6	16.6	9.0	8.0	8.4	9.6	0.000	0.000	0.000	0.002
10:00:00	18.9	16.2	18.5	17.2	9.4	8.3	9.0	9.5	0.000	0.000	0.000	0.000
10:15:00	19.5	16.7	18.7	17.0	9.4	8.5	8.9	9.6	0.000	0.000	0.000	0.000
10:30:00	19.3	17.8	18.6	17.9	9.7	9.6	9.6	9.8	0.000	0.000	0.000	0.000
10:45:00	22.1	17.6	19.8	19.3	11.7	9.7	10.6	10.8	0.001	0.001	0.000	0.000
11:00:00	21.6	19.9	20.8	19.9	11.4	11.0	11.0	11.4	0.004	0.001	0.000	0.000
11:15:00	21.4	19.5	20.9	20.1	11.5	10.8	11.2	11.4	0.007	0.001	0.000	0.000
11:30:00	21.7	19.9	20.6	20.3	11.5	11.1	11.3	11.3	0.018	0.002	0.000	0.003
11:45:00	21.1	19.5	20.5	20.2	11.2	10.8	11.4	11.1	0.025	0.002	0.000	0.008



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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	20.8	18.8	19.9	19.4	11.0	10.7	10.9	11.1	0.021	0.001	0.002	0.011
12:15:00	19.5	18.2	19.5	18.8	10.6	10.2	10.7	10.8	0.016	0.000	0.000	0.016
12:30:00	19.4	18.2	19.0	19.1	10.6	10.3	11.0	10.5	0.021	0.000	0.000	0.030
12:45:00	20.1	19.1	19.6	18.7	11.1	10.6	10.7	11.0	0.007	0.000	0.002	0.041
13:00:00	21.3	20.4	20.9	21.3	11.2	11.1	11.7	11.4	0.001	0.000	0.002	0.049
13:15:00	22.6	21.0	22.3	21.6	11.9	11.3	11.9	11.7	0.000	0.000	0.000	0.051
13:30:00	23.5	21.9	22.9	23.6	12.2	11.6	12.3	11.8	0.000	0.000	0.000	0.055
13:45:00	25.8	23.1	23.4	24.3	12.7	12.0	12.8	12.2	0.000	0.000	0.000	0.044
14:00:00	27.0	24.9	25.9	25.5	13.3	12.5	13.2	13.0	0.000	0.000	0.000	0.038
14:15:00	27.5	25.6	26.1	26.4	13.6	12.9	13.5	13.1	0.000	0.000	0.000	0.035
14:30:00	28.9	26.2	27.8	27.1	14.0	13.0	13.9	13.8	0.000	0.000	0.000	0.029
14:45:00	29.4	28.3	28.0	27.8	14.3	13.3	14.1	13.8	0.000	0.000	0.000	0.026
15:00:00	28.0	25.8	27.2	27.1	13.7	12.8	13.7	13.3	0.000	0.000	0.000	0.025
15:15:00	27.7	25.0	27.1	25.9	13.6	12.5	13.4	13.3	0.000	0.000	0.000	0.018
15:30:00	26.8	24.5	26.4	25.3	13.2	12.2	13.1	13.1	0.000	0.000	0.000	0.018
15:45:00	26.8	23.5	25.4	24.6	12.7	11.7	12.6	12.6	0.000	0.000	0.000	0.012
16:00:00	27.1	24.1	26.0	24.4	12.3	11.5	12.3	12.2	0.000	0.000	0.000	0.014
16:15:00	26.5	23.7	25.6	23.8	12.2	11.3	11.9	12.2	0.000	0.000	0.000	0.000
16:30:00	27.2	24.1	25.7	24.2	12.5	11.6	12.0	12.2	0.000	0.000	0.000	0.000
16:45:00	27.8	23.9	25.7	24.1	12.4	11.2	11.9	12.1	0.000	0.000	0.000	0.000
17:00:00	28.0	24.8	26.6	25.1	12.6	11.5	12.1	12.3	0.000	0.000	0.000	0.000
17:15:00	29.3	26.4	27.7	25.9	13.0	11.9	12.5	12.6	0.000	0.000	0.000	0.000
17:30:00	29.9	26.7	28.3	26.1	13.3	12.3	12.7	13.0	0.000	0.000	0.000	0.000
17:45:00	30.2	26.6	29.0	25.7	13.6	12.6	12.9	13.1	0.000	0.000	0.000	0.000
18:00:00	34.3	27.1	28.8	25.7	14.2	12.8	12.9	13.4	0.000	0.000	0.000	0.000
18:15:00	30.5	27.9	29.8	26.0	13.7	12.8	12.9	13.7	0.000	0.000	0.000	0.000
18:30:00	33.2	26.5	28.0	26.0	13.4	12.3	12.7	13.0	0.000	0.000	0.000	0.000
18:45:00	27.5	25.0	26.2	23.8	12.3	11.6	11.8	12.1	0.000	0.000	0.000	0.000
19:00:00	26.5	25.0	24.9	22.9	12.1	11.4	11.5	11.7	0.000	0.000	0.000	0.000
19:15:00	23.9	23.2	23.7	22.4	11.3	10.5	11.1	11.0	0.000	0.000	0.000	0.000
19:30:00	23.0	21.6	23.3	21.6	10.7	9.8	10.7	10.7	0.000	0.000	0.000	0.000
19:45:00	26.1	21.0	29.3	23.1	11.0	9.7	11.1	11.3	0.000	0.000	0.000	0.000
20:00:00	27.8	22.5	28.7	23.6	11.0	9.8	11.3	11.0	0.000	0.003	0.000	0.000
20:15:00	29.4	22.9	33.8	26.4	12.1	9.9	12.9	11.6	0.000	0.003	0.000	0.002
20:30:00	28.1	22.0	44.3	23.6	11.5	9.9	11.0	13.2	0.002	0.003	0.024	0.003
20:45:00	27.3	22.8	41.8	26.1	11.4	10.0	11.3	13.2	0.023	0.003	0.053	0.002
21:00:00	31.8	23.2	35.9	23.5	11.8	9.9	10.5	11.4	0.016	0.004	0.061	0.002
21:15:00	28.6	23.6	37.1	23.3	11.5	9.9	10.5	11.7	0.029	0.004	0.061	0.000
21:30:00	31.3	22.1	36.8	24.9	11.6	9.9	10.9	11.9	0.040	0.003	0.070	0.000
21:45:00	35.5	24.7	40.6	26.3	11.9	10.1	11.0	12.1	0.043	0.004	0.069	0.000
22:00:00	30.7	26.5	33.8	25.7	11.3	10.2	10.9	11.3	0.042	0.004	0.064	0.000
22:15:00	26.5	28.8	35.9	25.6	10.8	10.4	10.9	12.0	0.042	0.003	0.071	0.000
22:30:00	27.2	27.4	36.9	24.6	10.8	10.4	11.1	12.0	0.036	0.002	0.070	0.000
22:45:00	27.0	26.4	38.8	24.7	11.0	10.3	11.0	12.4	0.034	0.002	0.057	0.000
23:00:00	29.9	26.0	35.7	25.9	11.0	10.3	11.4	11.8	0.030	0.001	0.053	0.000
23:15:00	28.0	25.1	38.0	26.2	10.8	10.1	11.3	12.2	0.023	0.001	0.046	0.000
23:30:00	27.4	25.7	36.1	24.9	10.7	10.4	11.1	12.4	0.015	0.000	0.040	0.000
23:45:00	25.9	25.1	40.6	25.0	10.8	10.2	11.3	12.8	0.015	0.000	0.038	0.000



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