



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-07-22

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.157 to 8.679	2943 SSE	3061 SSW	2996 SE	2997 NNW	Min : 73.22 Max : 106.9	Min : 42.40 Max : 94.60	Min : 26.63 Max : 31.52

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	36.8	58.1	14.2	17.9	0.006	0.046
2996	32.8	49.2	13.7	17.0	0.007	0.082
2997	56.0	123.4	14.0	18.4	0.006	0.083
3061	35.1	65.1	12.4	16.5	0.001	0.006

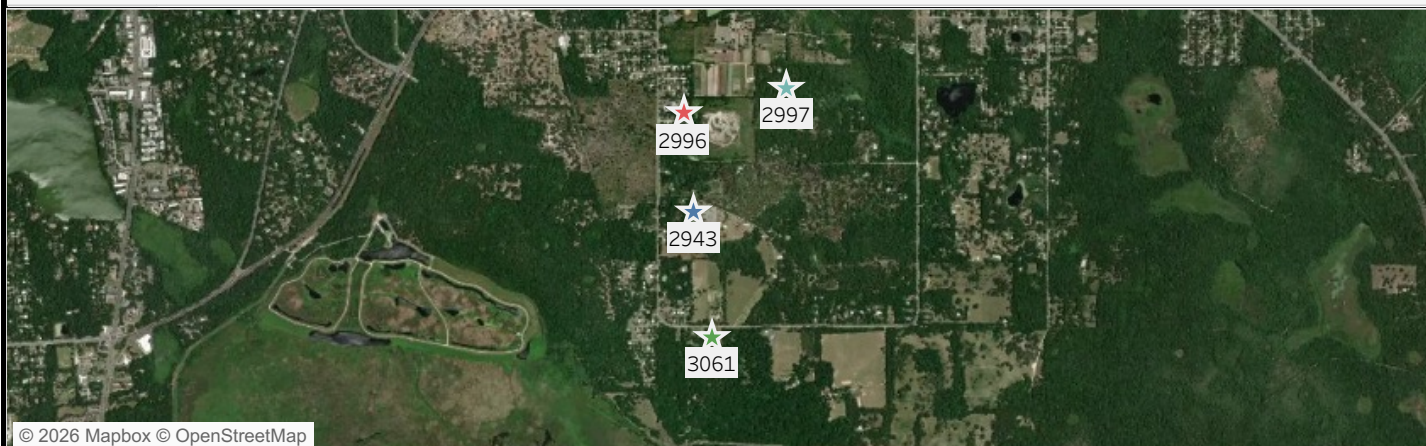


Figure 1 : Monitoring Locations

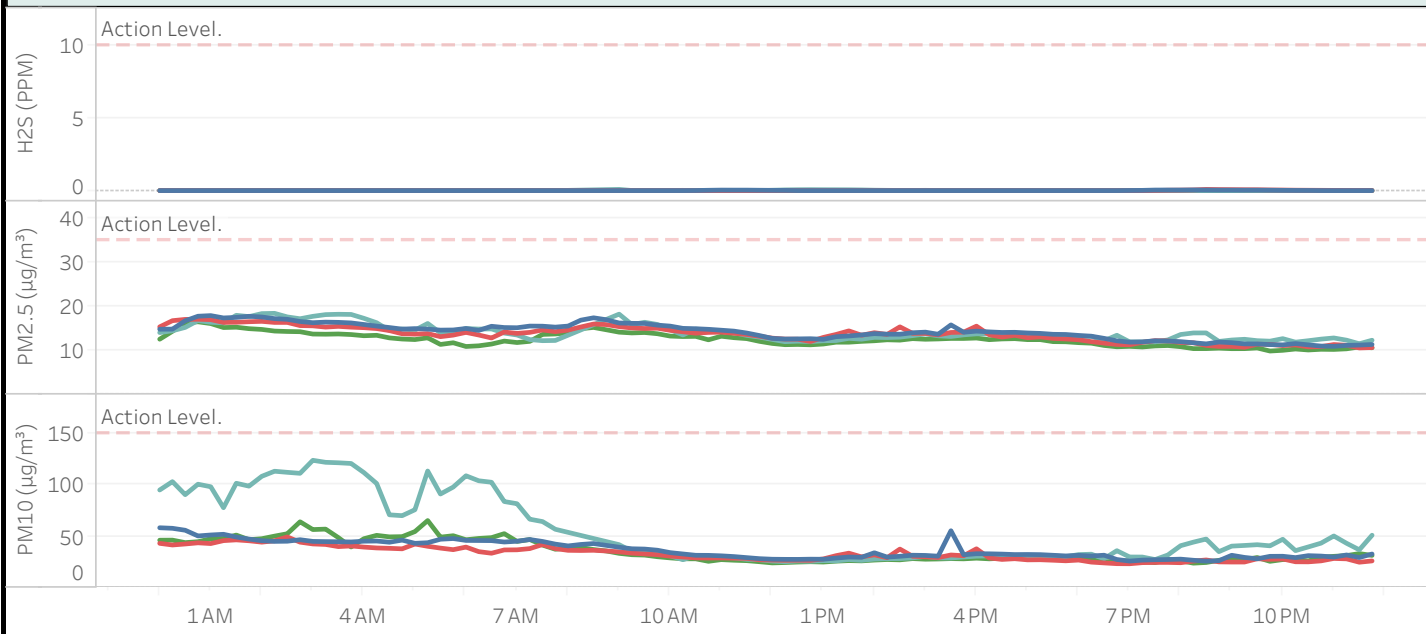


Figure 2 : 15 Minutes Average Concentrations

2943 2996 2997 3061



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Wind Rose Chart 2943

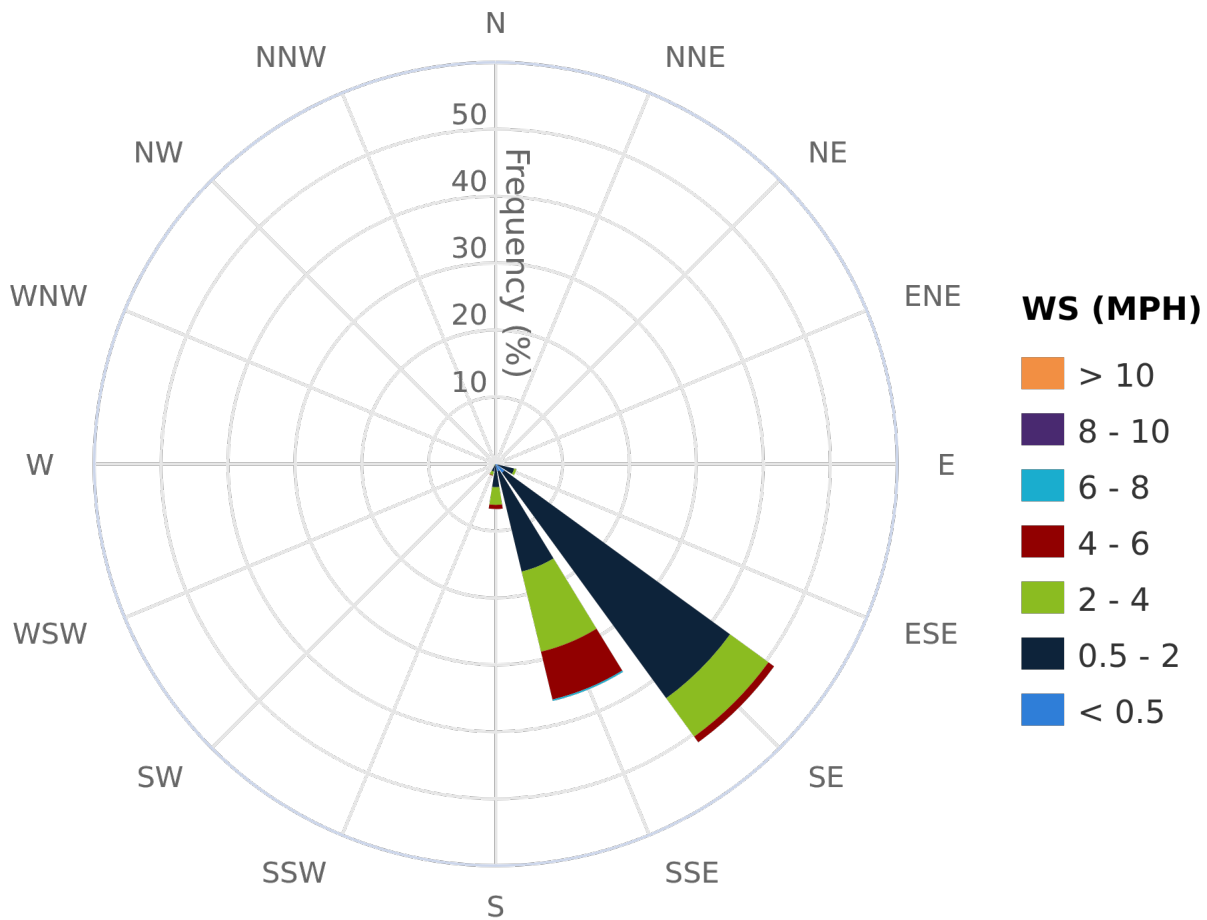


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

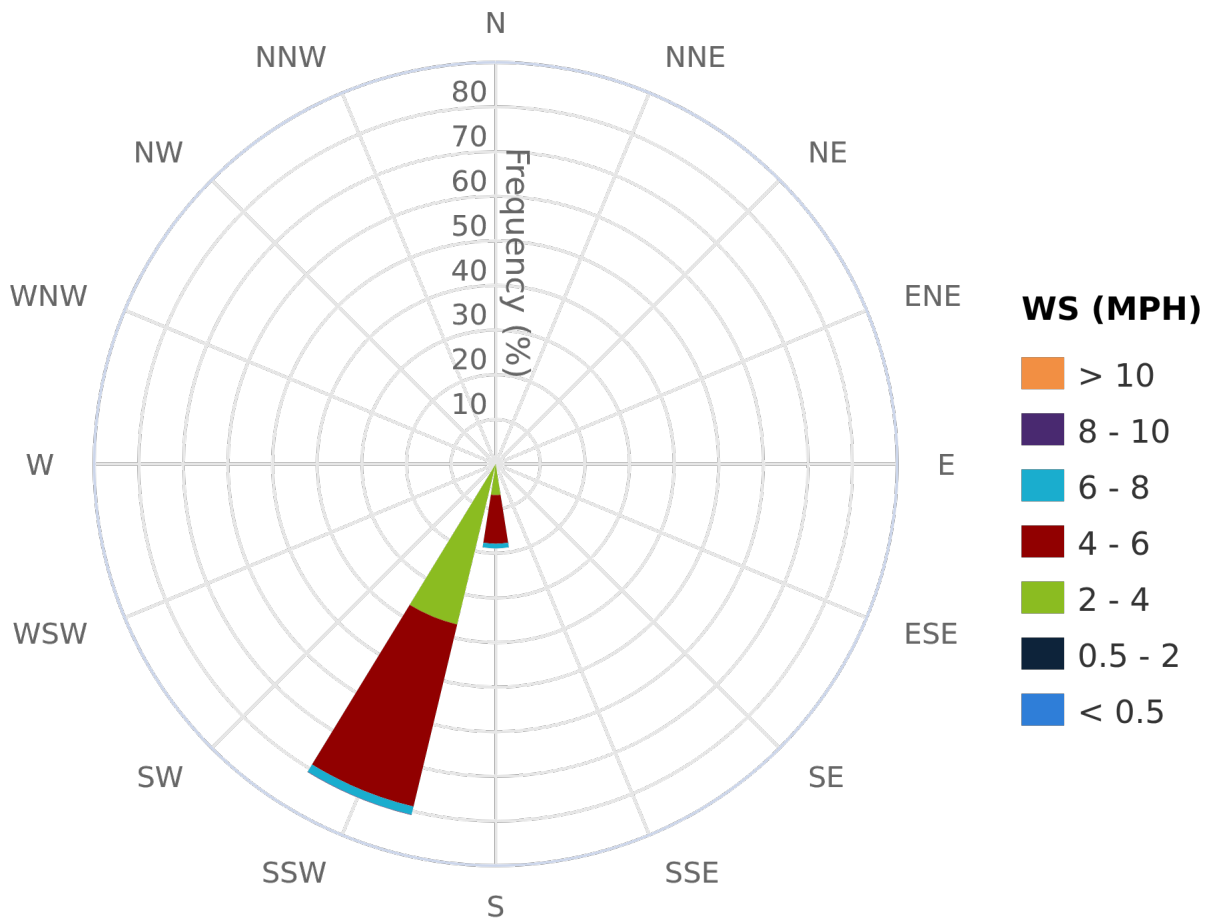


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

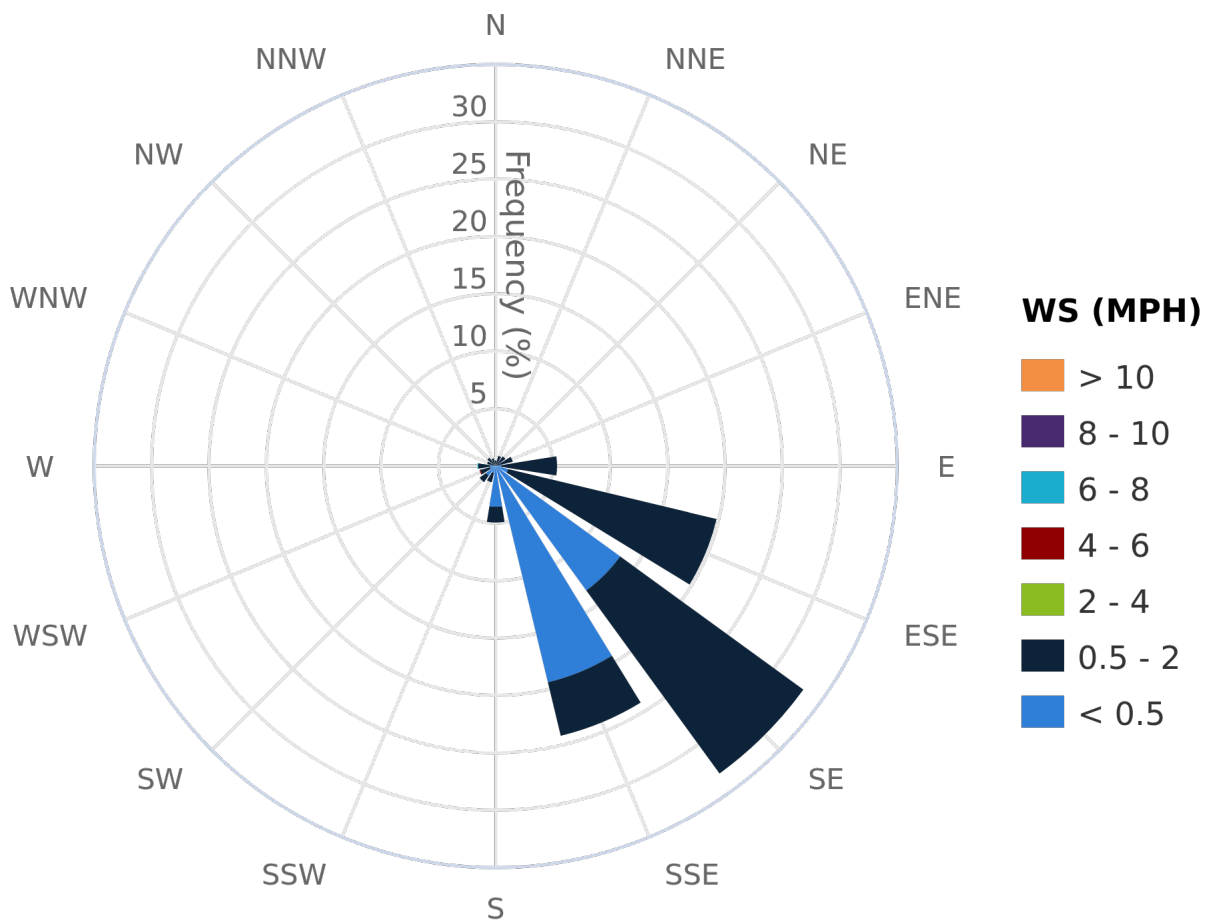


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

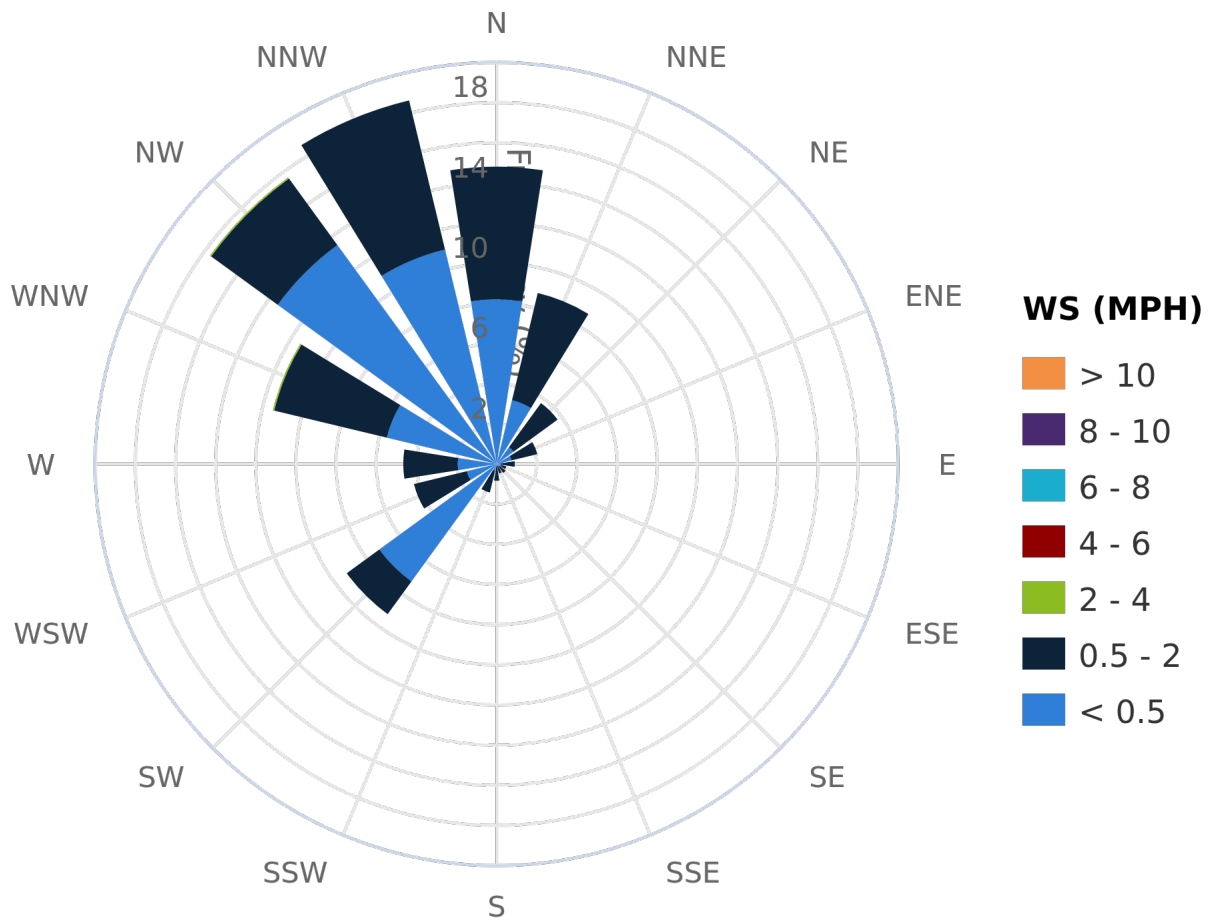


Figure 3 : Wind Rose Chart (WS in MPH)



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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	58.1	46.1	94.7	43.0	14.8	12.5	15.3	14.0	0.000	0.000	0.000	0.000
00:15:00	57.6	46.1	102.8	41.4	14.8	14.3	16.7	14.4	0.000	0.000	0.000	0.000
00:30:00	55.7	43.7	90.2	42.4	16.7	16.2	17.0	15.2	0.000	0.000	0.000	0.000
00:45:00	50.2	44.6	100.3	43.5	17.7	16.5	17.0	16.7	0.000	0.000	0.000	0.000
01:00:00	51.1	47.5	97.8	42.8	17.9	16.1	16.9	16.3	0.000	0.000	0.000	0.000
01:15:00	51.8	47.8	77.5	45.6	17.3	15.2	16.3	16.2	0.000	0.000	0.000	0.000
01:30:00	49.2	51.0	101.2	46.4	17.5	15.2	16.4	17.9	0.000	0.000	0.000	0.000
01:45:00	47.1	46.5	98.4	45.5	17.7	14.9	16.5	17.6	0.000	0.000	0.000	0.000
02:00:00	45.6	47.5	107.9	44.2	17.5	14.7	16.6	18.3	0.000	0.000	0.000	0.000
02:15:00	44.9	50.0	112.9	45.5	17.2	14.4	16.3	18.4	0.000	0.000	0.000	0.000
02:30:00	45.1	52.3	111.8	49.2	17.0	14.3	16.3	17.6	0.000	0.000	0.000	0.000
02:45:00	46.5	63.9	110.8	44.2	16.5	14.2	15.6	17.1	0.000	0.000	0.000	0.000
03:00:00	44.9	56.4	123.4	42.4	16.3	13.7	15.5	17.7	0.000	0.000	0.000	0.000
03:15:00	44.7	56.8	121.5	41.9	16.4	13.7	15.3	18.1	0.000	0.000	0.000	0.000
03:30:00	44.6	48.6	121.1	39.9	16.3	13.7	15.4	18.2	0.000	0.000	0.000	0.000
03:45:00	44.4	39.5	120.4	40.5	16.2	13.6	15.2	18.1	0.000	0.000	0.000	0.000
04:00:00	45.1	47.5	111.6	39.4	15.9	13.3	15.1	17.2	0.000	0.000	0.000	0.000
04:15:00	45.3	50.8	101.0	38.6	15.5	13.4	14.9	16.3	0.000	0.000	0.000	0.000
04:30:00	44.1	49.3	70.6	38.2	15.2	12.8	14.5	14.5	0.000	0.000	0.000	0.000
04:45:00	46.1	49.5	69.8	37.7	14.8	12.6	13.8	14.8	0.000	0.000	0.000	0.000
05:00:00	43.1	54.4	75.6	42.4	14.9	12.4	13.7	14.6	0.000	0.000	0.000	0.000
05:15:00	43.6	65.1	113.1	40.2	14.8	12.8	13.8	16.1	0.000	0.000	0.000	0.000
05:30:00	47.0	49.0	90.8	38.4	14.6	11.3	13.1	13.9	0.000	0.000	0.000	0.000
05:45:00	47.7	50.4	97.5	36.9	14.6	11.7	13.5	14.2	0.000	0.000	0.000	0.000
06:00:00	45.9	46.5	108.5	39.4	15.0	10.9	14.1	14.9	0.000	0.000	0.000	0.000
06:15:00	45.8	47.8	103.6	35.0	14.5	11.0	13.5	14.8	0.000	0.000	0.000	0.001
06:30:00	45.7	48.5	102.2	33.4	15.4	11.4	12.8	14.8	0.000	0.000	0.000	0.000
06:45:00	44.3	52.4	83.5	36.6	15.2	12.1	14.2	13.9	0.000	0.000	0.000	0.000
07:00:00	45.0	44.9	81.4	36.7	15.1	11.8	13.8	13.5	0.000	0.000	0.000	0.000
07:15:00	46.7	46.7	66.4	37.9	15.5	12.0	14.1	12.4	0.000	0.000	0.000	0.000
07:30:00	44.9	41.3	64.1	41.9	15.5	13.6	14.6	12.2	0.000	0.000	0.000	0.000
07:45:00	42.3	37.3	56.7	37.9	15.3	13.7	14.2	12.2	0.000	0.000	0.000	0.000
08:00:00	40.5	38.4		36.3	15.5	14.0	14.6		0.000	0.000	0.000	
08:15:00	41.9	38.9		36.1	16.8	14.9	15.3		0.000	0.000	0.000	
08:30:00	42.8	37.0		36.3	17.4	15.2	16.0		0.000	0.000	0.000	
08:45:00	41.0	35.6		35.6	16.9	14.7	15.8		0.000	0.000	0.000	
09:00:00	39.3	33.3	41.7	34.8	16.2	14.1	15.4	18.2	0.000	0.000	0.000	0.083
09:15:00	37.8	32.0	35.3	33.5	16.1	13.9	15.1	15.8	0.000	0.000	0.000	0.007
09:30:00	37.5	31.6	35.6	32.8	16.1	14.0	14.9	16.4	0.000	0.000	0.000	0.004
09:45:00	36.4	30.1	34.9	32.1	15.7	13.8	15.0	15.9	0.000	0.000	0.000	0.002
10:00:00	34.0	28.9		30.6	15.5	13.2	14.5		0.000	0.000	0.000	
10:15:00	32.7	28.0	27.1	29.8	15.0	13.1	14.2	13.5	0.001	0.001	0.000	0.018
10:30:00	31.5	28.0	31.2	28.9	14.9	13.2	13.9	14.8	0.007	0.002	0.000	0.000
10:45:00	31.4	25.6	30.6	28.8	14.8	12.4	14.1	14.6	0.023	0.003	0.000	0.000
11:00:00	30.9	27.3	29.6	28.9	14.6	13.2	14.1	14.3	0.035	0.002	0.000	0.000
11:15:00	30.2	26.7	28.9	28.7	14.4	12.9	13.9	14.0	0.033	0.001	0.000	0.000
11:30:00	29.2	26.2	27.6	28.5	13.9	12.7	13.6	13.4	0.033	0.000	0.000	0.000
11:45:00	28.2	25.2	27.1	27.1	13.4	12.0	13.2	13.0	0.025	0.000	0.000	0.000



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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	27.6	24.1	25.9	26.8	12.7	11.6	12.8	12.5	0.019	0.000	0.005	0.023
12:15:00	27.5	24.4	25.2	26.6	12.6	11.3	12.6	12.0	0.014	0.000	0.006	0.048
12:30:00	27.5	24.9	25.9	26.7	12.6	11.3	12.5	12.1	0.002	0.000	0.005	0.059
12:45:00	27.7	25.2	25.6	26.5	12.6	11.3	12.0	12.0	0.000	0.000	0.000	0.064
13:00:00	27.6	24.9	26.2	27.9	12.5	11.4	12.9	12.2	0.000	0.000	0.000	0.060
13:15:00	28.8	25.8	26.1	31.1	13.1	11.9	13.6	12.2	0.000	0.000	0.000	0.058
13:30:00	29.8	26.3	27.3	33.5	13.3	11.9	14.4	12.7	0.000	0.000	0.000	0.055
13:45:00	29.5	26.0	26.6	29.9	13.5	12.0	13.4	12.5	0.000	0.000	0.000	0.045
14:00:00	33.9	26.8	27.8	31.9	13.8	12.2	14.0	12.9	0.000	0.000	0.000	0.028
14:15:00	29.7	27.3	28.2	29.1	13.7	12.4	13.6	12.9	0.000	0.000	0.000	0.019
14:30:00	30.5	27.0	28.3	37.5	13.7	12.3	15.3	13.0	0.000	0.000	0.000	0.012
14:45:00	31.5	28.2	28.9	30.5	14.0	12.7	13.8	13.3	0.000	0.000	0.000	0.012
15:00:00	31.3	27.7	30.4	30.0	14.1	12.5	13.8	13.7	0.000	0.000	0.000	0.019
15:15:00	30.6	27.9	29.0	29.2	13.6	12.6	13.5	13.3	0.000	0.000	0.000	0.009
15:30:00	55.2	28.2	28.8	31.8	15.8	12.7	14.0	13.1	0.000	0.000	0.000	0.004
15:45:00	31.9	28.0	29.8	31.1	14.1	12.7	14.1	13.5	0.000	0.000	0.000	0.004
16:00:00	33.0	28.7	30.6	37.7	14.4	12.8	15.5	13.7	0.000	0.000	0.000	0.000
16:15:00	32.9	28.0	30.9	28.9	14.2	12.4	13.5	13.7	0.000	0.000	0.000	0.000
16:30:00	32.6	28.6	30.1	27.4	14.0	12.6	13.0	13.2	0.000	0.000	0.000	0.000
16:45:00	32.2	29.2	30.6	28.1	14.1	12.6	13.4	13.7	0.000	0.000	0.000	0.000
17:00:00	32.2	28.3	30.1	27.0	13.9	12.4	12.9	13.4	0.000	0.000	0.000	0.000
17:15:00	32.1	27.9	29.6	27.1	13.8	12.4	13.1	13.2	0.000	0.000	0.000	0.000
17:30:00	31.5	28.1	30.9	26.7	13.6	12.0	12.7	13.1	0.000	0.000	0.000	0.000
17:45:00	30.8	27.9	30.0	26.1	13.6	11.9	12.6	13.0	0.000	0.000	0.000	0.000
18:00:00	31.4	28.0	32.1	26.8	13.4	11.7	12.4	13.1	0.000	0.000	0.000	0.000
18:15:00	30.7	27.4	32.5	24.8	13.2	11.6	12.0	13.2	0.000	0.001	0.000	0.000
18:30:00	31.5	25.1	28.1	24.1	12.7	11.1	11.6	12.2	0.000	0.002	0.000	0.000
18:45:00	27.4	25.8	35.9	23.3	12.2	10.8	11.3	13.4	0.000	0.005	0.000	0.001
19:00:00	25.9	26.2	29.8	23.3	11.9	10.9	11.3	11.9	0.009	0.006	0.000	0.003
19:15:00	26.8	25.3	29.8	24.3	11.9	10.8	11.8	11.9	0.017	0.006	0.000	0.000
19:30:00	27.2	24.3	27.3	24.5	12.2	11.0	12.2	11.9	0.038	0.005	0.009	0.000
19:45:00	27.4	27.5	31.8	24.6	12.1	11.1	12.1	12.4	0.041	0.005	0.025	0.000
20:00:00	27.7	26.1	40.8	24.3	12.0	10.8	11.8	13.6	0.040	0.006	0.032	0.000
20:15:00	26.6	23.8	44.2	25.9	11.7	10.4	11.7	13.9	0.046	0.005	0.045	0.000
20:30:00	25.8	24.5	47.2	26.9	11.5	10.4	11.1	13.9	0.040	0.004	0.082	0.000
20:45:00	26.2	26.6	35.0	25.1	11.9	10.5	10.9	12.0	0.034	0.004	0.070	0.000
21:00:00	31.5	27.8	40.3	24.9	11.7	10.4	10.9	12.3	0.034	0.003	0.066	0.000
21:15:00	29.4	27.2	41.0	24.9	11.5	10.4	10.7	12.5	0.032	0.003	0.059	0.000
21:30:00	28.0	29.3	41.7	28.1	11.5	10.5	11.4	12.2	0.032	0.002	0.058	0.000
21:45:00	30.4	25.6	40.6	27.5	11.3	9.9	11.4	12.1	0.027	0.002	0.044	0.000
22:00:00	30.5	27.3	47.0	27.9	11.3	10.0	11.1	12.7	0.018	0.001	0.038	0.000
22:15:00	29.2	27.4	36.0	25.2	11.5	10.3	11.2	11.9	0.011	0.000	0.028	0.000
22:30:00	31.1	26.0	39.5	25.1	11.2	10.1	10.8	12.2	0.009	0.000	0.024	0.000
22:45:00	30.7	29.6	43.2	26.0	11.0	10.2	10.9	12.5	0.002	0.000	0.020	0.000
23:00:00	29.7	30.4	50.2	28.4	10.9	10.2	11.3	12.8	0.000	0.000	0.016	0.000
23:15:00	31.8	31.2	43.1	28.0	11.1	10.4	11.2	12.3	0.000	0.000	0.011	0.000
23:30:00	29.3	33.1	36.8	24.7	11.2	10.8	10.5	11.5	0.000	0.000	0.008	0.000
23:45:00	32.7	31.3	50.9	26.0	11.3	10.6	10.6	12.3	0.000	0.000	0.006	0.000



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