



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-07-15

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.201 to 6.532	2943 SE	3061 SSW	2996 WSW	2997 NNW	Min : 69.80 Max : 99.50	Min : 48.80 Max : 91.40	Min : 28.43 Max : 32.16

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	40.1	55.9	15.1	18.8	0.010	0.071
2996	36.0	44.4	14.6	17.6	0.006	0.064
2997	40.8	71.0	16.2	21.7	0.007	0.087
3061	34.7	43.7	13.1	15.4	0.001	0.009

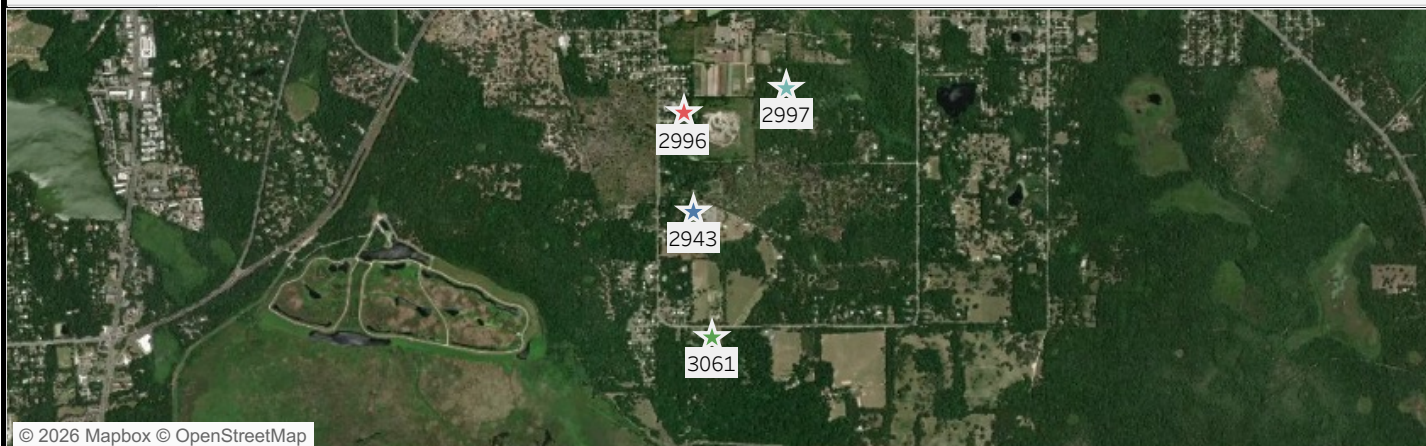


Figure 1 : Monitoring Locations

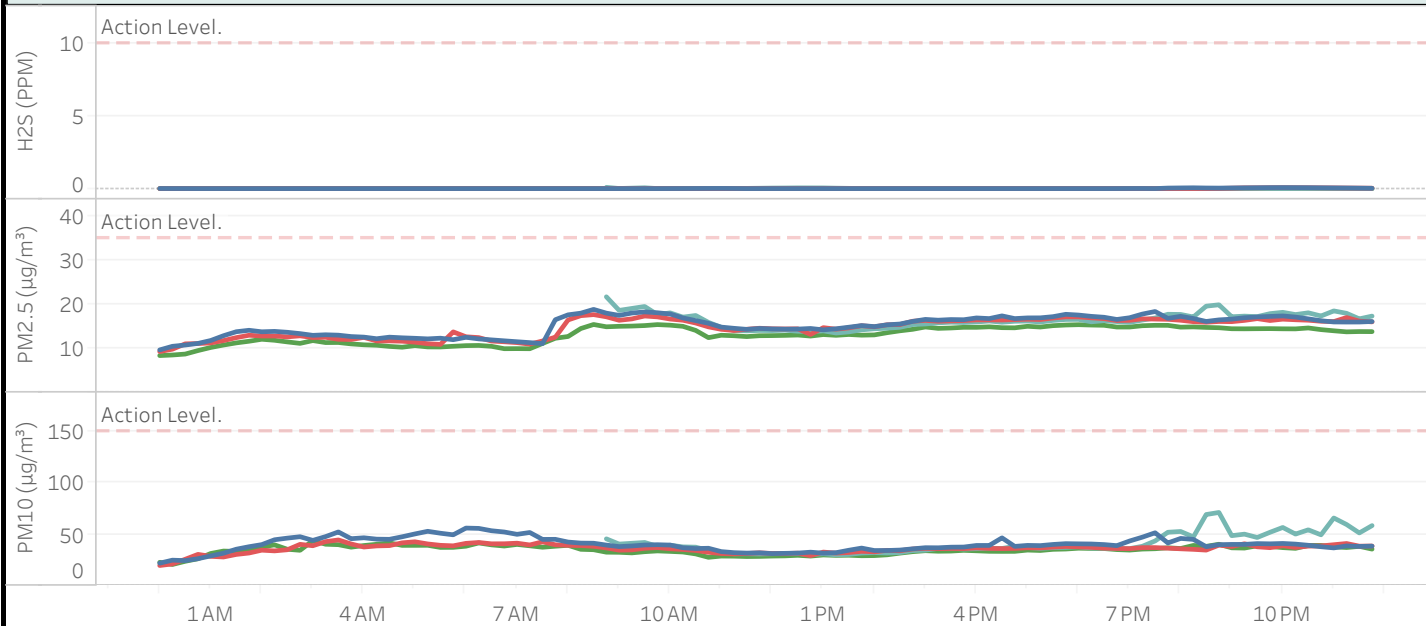


Figure 2 : 15 Minutes Average Concentrations

2943 2996 2997 3061



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Wind Rose Chart 2943

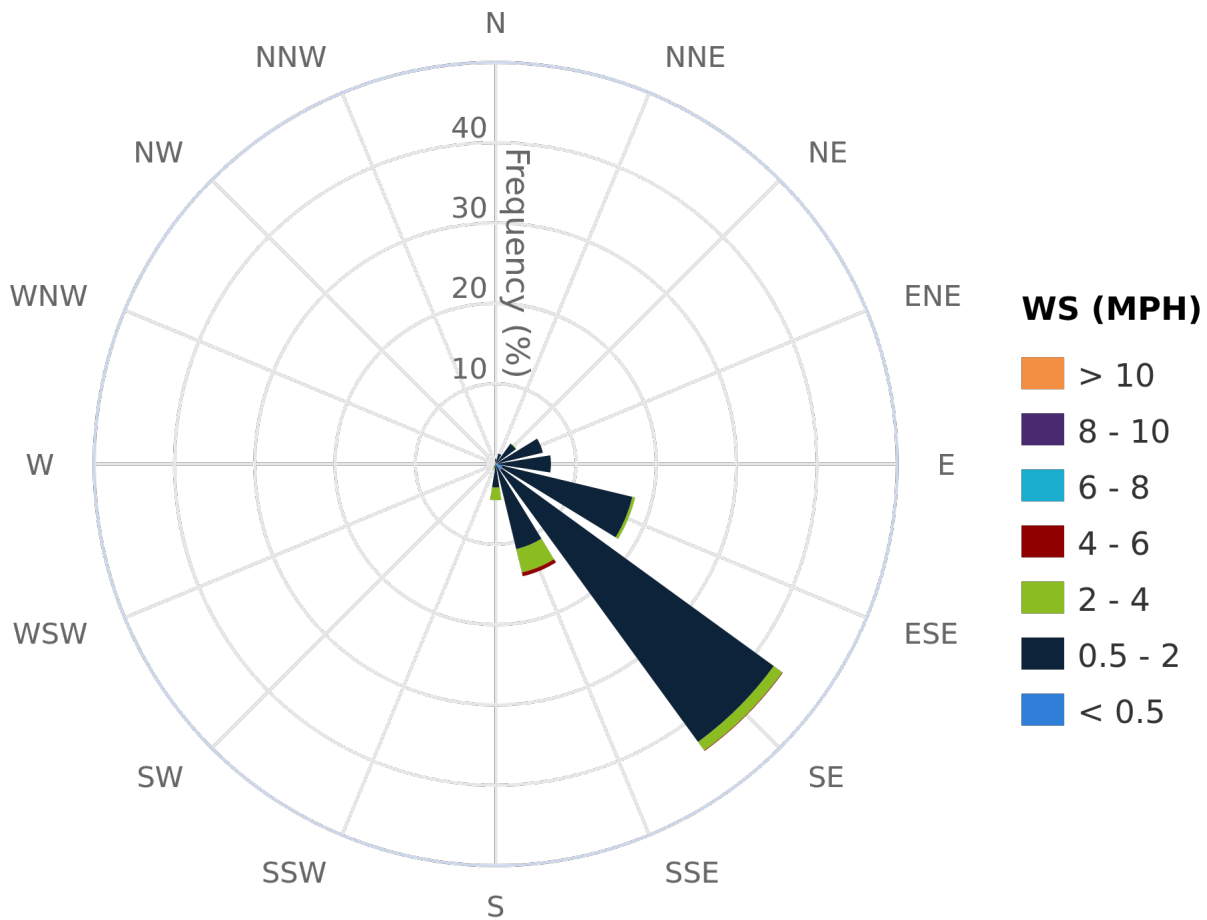


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

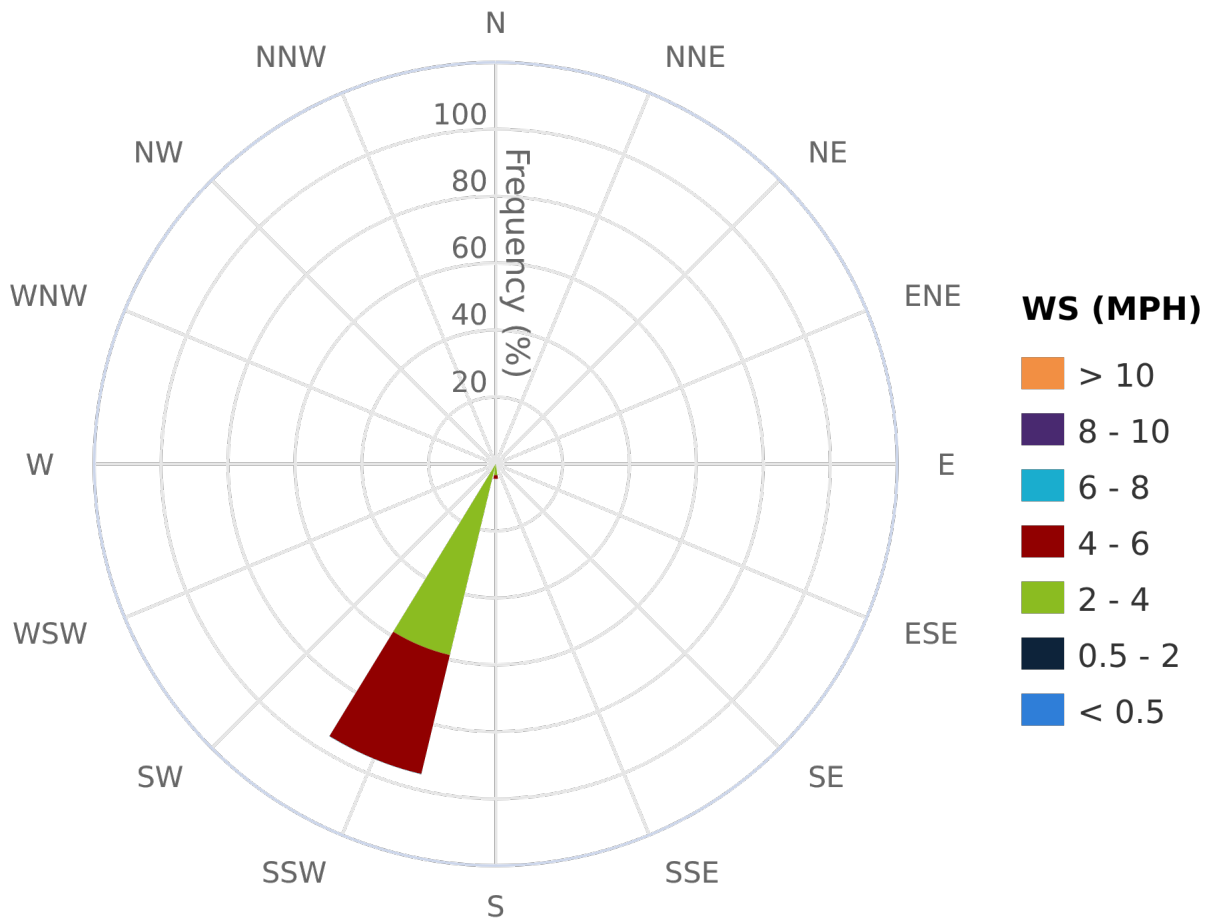


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

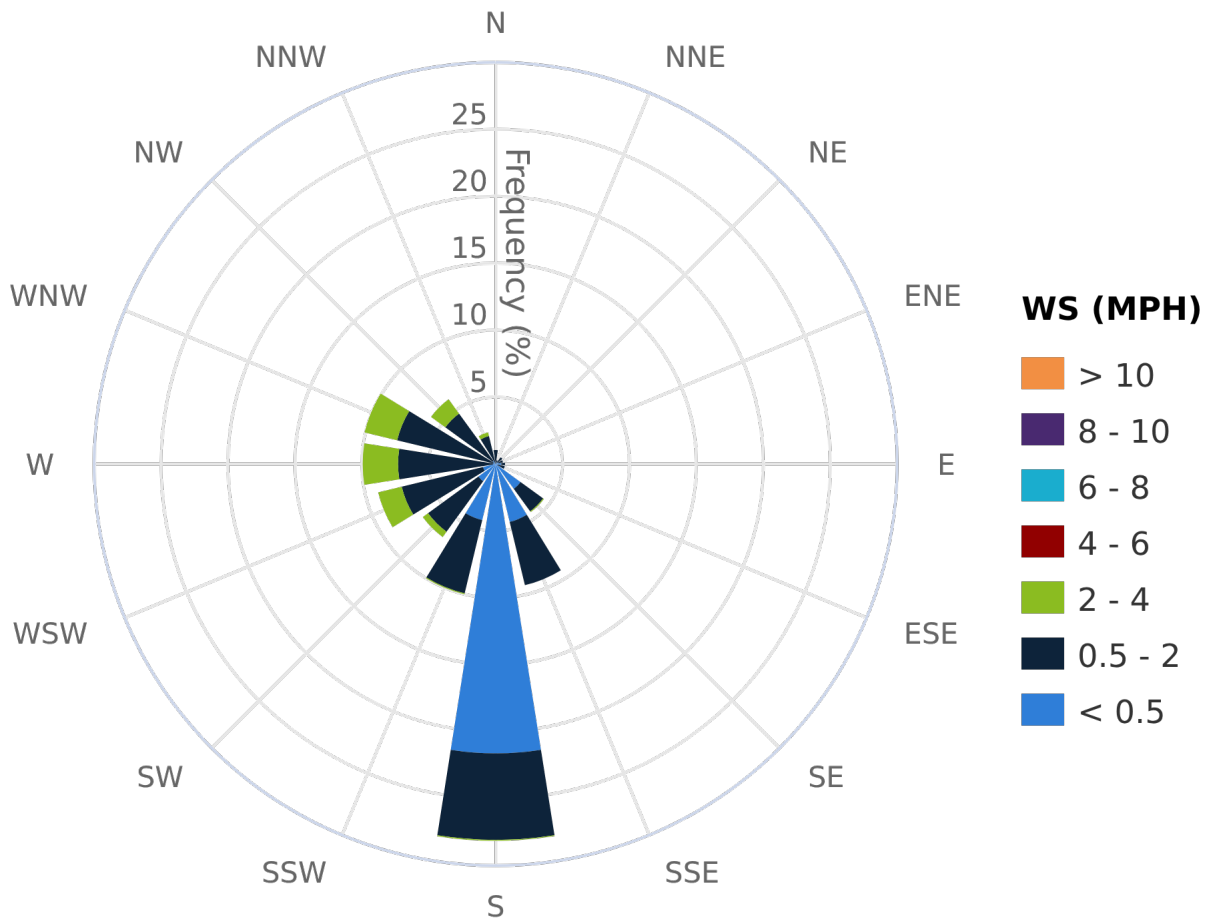


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

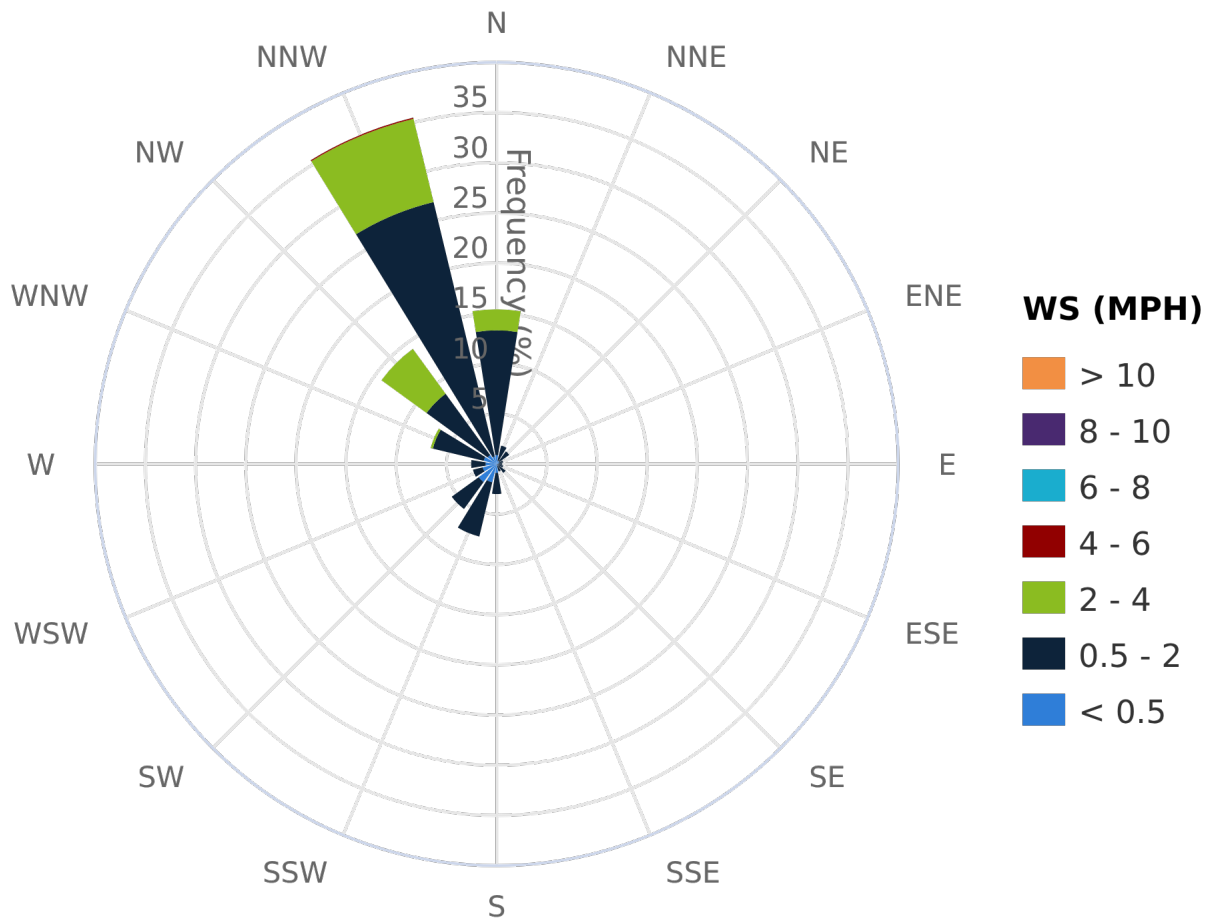


Figure 3 : Wind Rose Chart (WS in MPH)



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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	21.9	22.7		19.6	9.7	8.4	9.3		0.006	0.000	0.000	
00:15:00	24.8	20.6		21.1	10.5	8.5	9.8		0.004	0.000	0.000	
00:30:00	24.4	23.7		25.7	10.8	8.7	11.0		0.003	0.000	0.000	
00:45:00	26.2	26.2		30.4	11.1	9.5	11.1		0.000	0.000	0.000	
01:00:00	28.9	31.3		28.5	11.8	10.2	11.2		0.001	0.000	0.000	
01:15:00	31.5	33.6		27.9	12.9	10.8	11.8		0.001	0.000	0.000	
01:30:00	35.4	33.3		30.3	13.8	11.2	12.4		0.000	0.000	0.000	
01:45:00	37.8	34.6		31.7	14.1	11.6	13.0		0.000	0.000	0.000	
02:00:00	39.9	37.5		34.5	13.8	12.1	12.8		0.000	0.000	0.000	
02:15:00	44.5	39.6		33.8	13.8	11.8	12.8		0.000	0.000	0.000	
02:30:00	46.1	35.4		34.9	13.6	11.5	12.6		0.000	0.000	0.000	
02:45:00	47.5	34.4		40.1	13.3	11.1	12.8		0.000	0.000	0.001	
03:00:00	44.0	43.7		38.8	13.0	11.8	12.4		0.000	0.000	0.000	
03:15:00	47.6	40.2		42.7	13.1	11.3	12.5		0.000	0.000	0.000	
03:30:00	52.1	39.8		44.4	13.0	11.3	12.1		0.000	0.000	0.000	
03:45:00	45.6	37.4		40.5	12.7	11.0	12.0		0.000	0.000	0.000	
04:00:00	46.5	39.0		37.5	12.5	10.8	12.5		0.000	0.000	0.000	
04:15:00	45.1	40.2		38.6	12.2	10.7	11.7		0.000	0.000	0.000	
04:30:00	45.0	41.5		38.9	12.5	10.4	11.7		0.000	0.000	0.000	
04:45:00	47.4	39.1		41.6	12.4	10.3	11.6		0.000	0.000	0.000	
05:00:00	50.2	39.1		42.6	12.3	10.6	11.4		0.000	0.000	0.000	
05:15:00	52.8	39.2		40.5	12.2	10.3	11.1		0.000	0.000	0.000	
05:30:00	50.9	37.1		39.2	12.3	10.3	10.9		0.000	0.000	0.000	
05:45:00	49.4	37.2		38.7	12.0	10.5	13.7		0.000	0.000	0.000	
06:00:00	55.9	38.3		41.1	12.5	10.6	12.6		0.000	0.000	0.000	
06:15:00	55.6	41.5		41.9	12.1	10.7	12.4		0.000	0.000	0.000	
06:30:00	53.3	39.6		40.6	11.9	10.5	11.7		0.000	0.000	0.000	
06:45:00	52.1	38.5		40.7	11.7	9.9	11.5		0.000	0.000	0.000	
07:00:00	49.8	40.0		41.2	11.5	9.9	11.3		0.000	0.000	0.000	
07:15:00	51.6	38.7		39.5	11.3	9.9	11.0		0.000	0.000	0.000	
07:30:00	44.9	37.3		42.6	11.1	11.1	11.7		0.000	0.000	0.000	
07:45:00	45.0	38.3		39.7	16.5	12.3	12.5		0.000	0.000	0.000	
08:00:00	42.3	39.2		39.1	17.6	12.7	16.4		0.000	0.000	0.000	
08:15:00	41.3	35.3		38.9	18.0	14.5	17.4		0.000	0.000	0.000	
08:30:00	41.2	34.9		38.2	18.8	15.4	17.6		0.000	0.000	0.000	
08:45:00	39.4	32.5	45.4	36.6	18.0	14.9	17.1	21.7	0.000	0.000	0.000	0.087
09:00:00	37.9	32.4	40.4	34.5	17.5	15.0	16.4	18.6	0.000	0.001	0.000	0.008
09:15:00	38.6	31.8		34.7	18.0	15.0	16.7		0.000	0.001	0.000	
09:30:00	39.5	33.0	42.0	36.3	18.2	15.2	17.3	19.5	0.000	0.001	0.000	0.057
09:45:00	39.8	33.8	38.2	37.0	18.1	15.4	17.1	17.6	0.000	0.001	0.000	0.004
10:00:00	39.4	33.3	39.3	35.8	17.8	15.2	16.6	18.0	0.002	0.001	0.000	0.001
10:15:00	36.8	32.7	37.7	35.1	16.9	15.0	16.4	17.1	0.004	0.000	0.000	0.001
10:30:00	36.0	30.8	37.4	34.2	16.3	14.1	15.7	17.4	0.008	0.001	0.000	0.000
10:45:00	36.3	27.6	34.3	32.4	15.7	12.4	14.9	15.9	0.011	0.000	0.000	0.000
11:00:00	33.1	28.7	32.2	31.2	14.8	13.0	14.3	14.8	0.012	0.000	0.000	0.000
11:15:00	32.1	28.7	31.0	30.9	14.5	12.9	14.0	14.0	0.007	0.000	0.000	0.001
11:30:00	31.7	28.3	31.0	31.3	14.3	12.7	14.3	14.0	0.000	0.000	0.000	0.015
11:45:00	31.9	28.4	30.8	31.9	14.5	12.9	14.6	14.1	0.000	0.000	0.000	0.026



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Table 3 : 15 Minute Average Concentrations (PM)

	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	31.1	28.8	31.0	31.3	14.4	12.9	14.4	14.0	0.000	0.000	0.000	0.037
12:15:00	31.4	29.0	31.2	31.2	14.3	12.9	14.4	14.1	0.000	0.000	0.000	0.043
12:30:00	31.7	29.5	31.2	31.6	14.4	13.0	14.4	13.9	0.000	0.000	0.000	0.051
12:45:00	32.5	28.8	30.1	29.2	14.5	12.8	13.2	13.8	0.000	0.000	0.000	0.049
13:00:00	31.6	29.8	31.0	32.6	14.2	13.1	14.7	14.0	0.000	0.000	0.000	0.047
13:15:00	32.0	29.4	29.9	31.6	14.4	13.0	14.3	13.5	0.000	0.000	0.000	0.030
13:30:00	34.4	29.6	30.4	32.2	14.8	13.1	14.6	13.7	0.000	0.000	0.000	0.018
13:45:00	36.5	29.1	31.7	33.4	15.2	13.0	15.1	14.2	0.000	0.000	0.000	0.005
14:00:00	34.1	29.2	32.1	32.9	14.9	13.0	14.9	14.4	0.000	0.000	0.000	0.000
14:15:00	34.2	30.0	31.7	34.3	15.3	13.5	15.3	14.6	0.000	0.000	0.000	0.000
14:30:00	34.6	31.6	32.2	33.9	15.5	14.0	15.4	14.8	0.000	0.000	0.000	0.000
14:45:00	35.8	33.0	34.0	35.6	16.1	14.3	16.1	15.4	0.000	0.000	0.000	0.000
15:00:00	36.9	34.0	34.5	36.2	16.6	14.8	16.3	15.5	0.000	0.000	0.000	0.000
15:15:00	36.8	33.4	36.2	35.9	16.4	14.5	16.1	15.8	0.000	0.000	0.000	0.000
15:30:00	37.4	33.6	36.4	36.1	16.5	14.6	16.2	15.9	0.000	0.000	0.000	0.000
15:45:00	37.5	34.3	35.5	36.0	16.5	14.8	16.3	15.8	0.000	0.000	0.000	0.000
16:00:00	39.0	33.9	35.9	36.6	16.9	14.8	16.4	16.0	0.000	0.000	0.000	0.000
16:15:00	39.1	33.4	36.3	36.2	16.7	14.9	16.4	16.2	0.000	0.000	0.000	0.000
16:30:00	46.4	33.3	36.1	36.0	17.3	14.7	16.4	15.9	0.000	0.000	0.000	0.000
16:45:00	38.1	33.3	38.2	36.1	16.7	14.6	16.5	16.1	0.000	0.000	0.000	0.000
17:00:00	39.1	34.6	37.1	36.8	16.9	15.0	16.6	16.2	0.000	0.000	0.000	0.000
17:15:00	38.9	34.2	36.2	36.6	16.9	14.8	16.5	16.0	0.000	0.000	0.000	0.000
17:30:00	40.0	35.3	36.9	37.4	17.2	15.1	16.9	16.3	0.000	0.000	0.000	0.000
17:45:00	40.8	35.6	37.2	38.1	17.7	15.3	17.1	16.5	0.000	0.000	0.000	0.000
18:00:00	40.6	36.4	37.7	37.7	17.5	15.4	17.1	16.6	0.000	0.000	0.000	0.000
18:15:00	40.5	36.1	36.6	37.2	17.2	15.3	16.9	16.0	0.000	0.000	0.000	0.000
18:30:00	39.9	36.0	36.4	36.4	17.0	15.2	16.7	16.3	0.000	0.000	0.000	0.000
18:45:00	38.9	35.0	36.2	36.1	16.5	14.8	16.3	16.1	0.002	0.000	0.000	0.000
19:00:00	43.3	34.6	36.0	35.9	16.9	14.8	16.3	15.9	0.006	0.000	0.000	0.000
19:15:00	47.1	35.5	38.2	36.9	17.8	15.1	16.7	16.4	0.008	0.002	0.000	0.000
19:30:00	51.3	35.9	43.4	37.0	18.3	15.2	16.6	16.9	0.002	0.005	0.000	0.000
19:45:00	41.5	36.8	51.8	36.4	16.8	15.2	16.6	17.7	0.037	0.005	0.000	0.001
20:00:00	45.8	36.1	52.6	35.8	17.2	14.8	16.4	17.7	0.047	0.007	0.000	0.002
20:15:00	44.9	39.1	47.3	35.3	16.7	14.9	16.0	17.1	0.055	0.009	0.000	0.005
20:30:00	37.8	38.2	69.0	34.5	16.1	14.7	15.9	19.5	0.041	0.009	0.000	0.005
20:45:00	39.8	40.2	71.0	39.3	16.4	14.7	16.1	19.9	0.035	0.008	0.010	0.003
21:00:00	40.1	36.7	48.5	38.0	16.6	14.4	16.0	17.2	0.046	0.008	0.029	0.003
21:15:00	40.1	36.5	50.0	40.7	16.9	14.4	16.3	17.3	0.053	0.009	0.051	0.003
21:30:00	40.8	38.7	46.8	37.7	17.1	14.4	16.7	17.2	0.061	0.009	0.053	0.001
21:45:00	40.6	38.1	51.8	36.9	17.2	14.5	16.3	17.8	0.068	0.008	0.060	0.000
22:00:00	41.0	36.9	56.5	38.8	17.3	14.4	16.6	18.2	0.071	0.008	0.064	0.000
22:15:00	40.3	36.2	50.1	37.1	17.1	14.4	16.5	17.6	0.068	0.008	0.060	0.000
22:30:00	39.2	39.1	54.2	38.4	16.7	14.6	16.4	18.0	0.063	0.005	0.057	0.000
22:45:00	37.8	39.1	49.3	38.6	16.2	14.2	16.1	17.3	0.055	0.003	0.052	0.000
23:00:00	36.7	37.7	65.6	39.8	16.0	14.0	16.1	18.5	0.048	0.003	0.047	0.000
23:15:00	38.6	37.0	59.3	40.9	16.0	13.7	17.0	17.9	0.041	0.002	0.039	0.000
23:30:00	38.1	38.2	51.2	38.4	16.0	13.8	16.2	16.7	0.032	0.001	0.034	0.000
23:45:00	38.4	35.5	58.3	38.5	16.1	13.8	16.0	17.3	0.022	0.000	0.028	0.000



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