



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-07-13

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.13 to 38.95	2943 SE	3061 SW	2996 SW	2997 WNW	Min : 70.88 Max : 97.70	Min : 57.20 Max : 93.50	Min : 26.66 Max : 43.61

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	31.5	63.6	11.3	18.4	0.001	0.014
2996	27.5	49.3	10.6	16.6	0.000	0.002
2997	40.0	102.5	10.9	17.3	0.004	0.047
3061	29.3	68.7	9.6	15.0	0.000	0.002

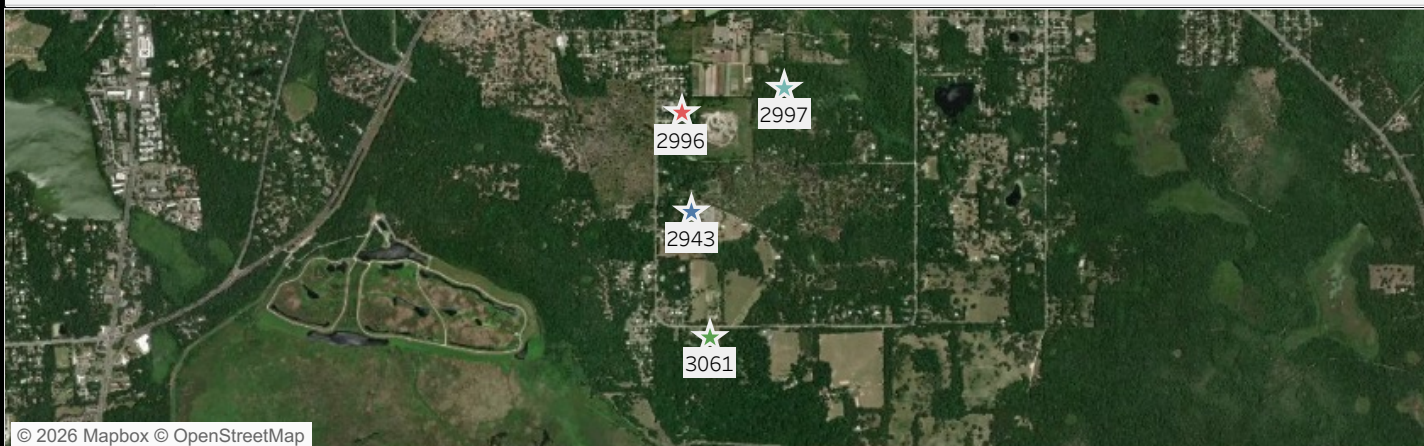


Figure 1 : Monitoring Locations

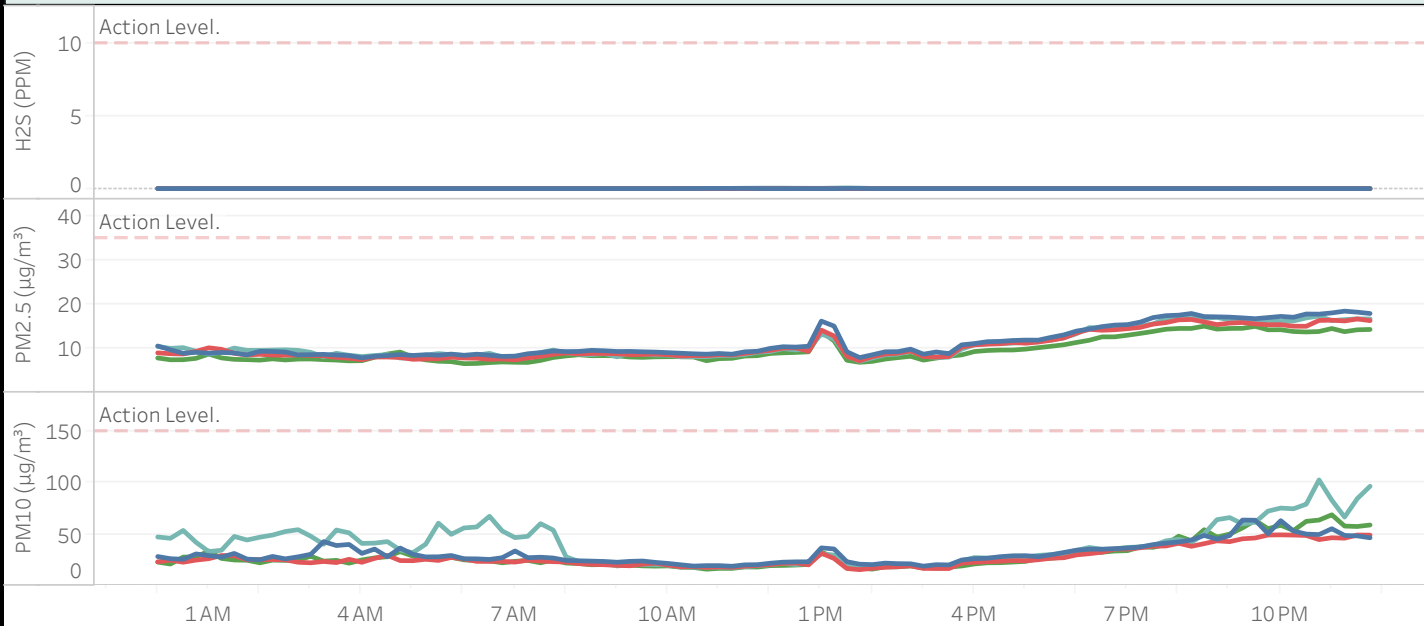


Figure 2 : 15 Minutes Average Concentrations

2943 2996 2997 3061



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Wind Rose Chart 2943

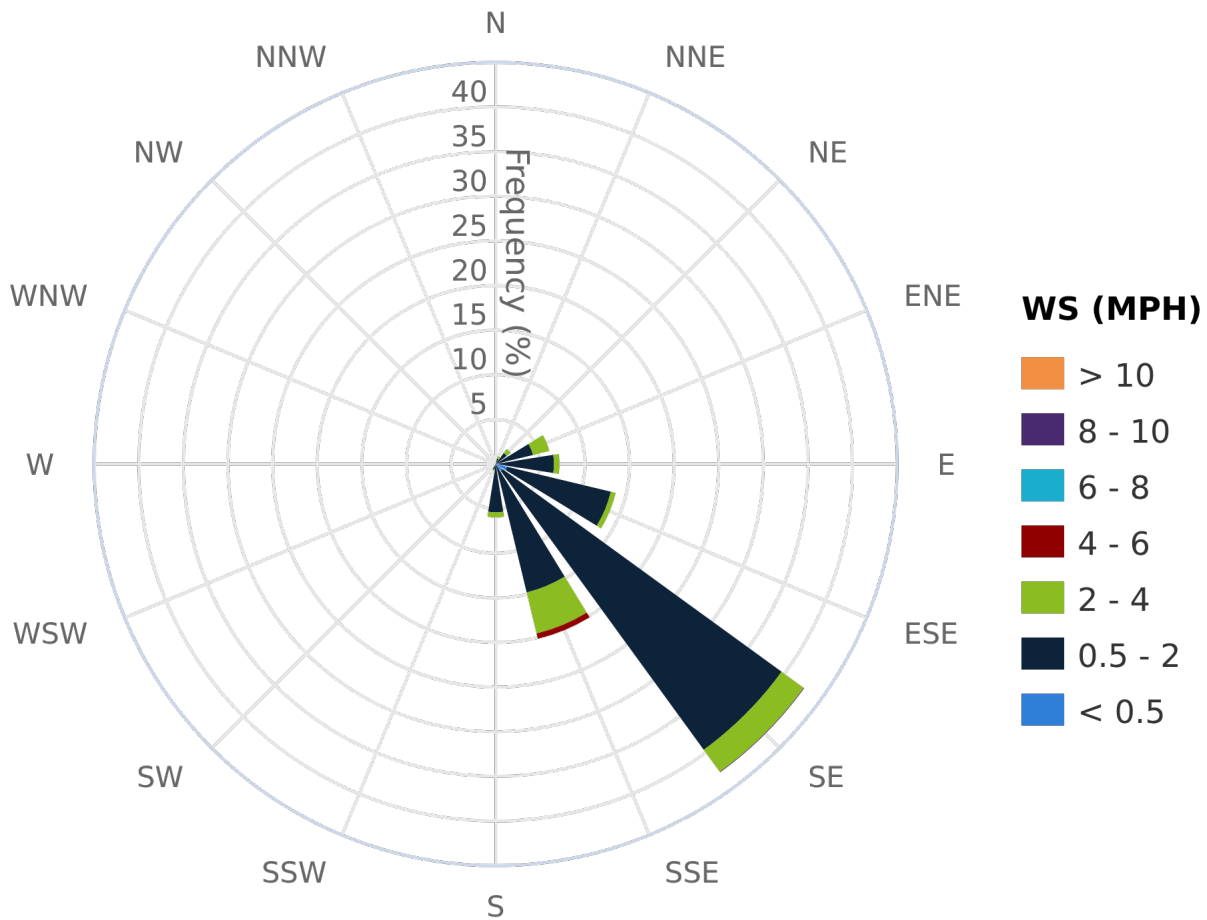


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

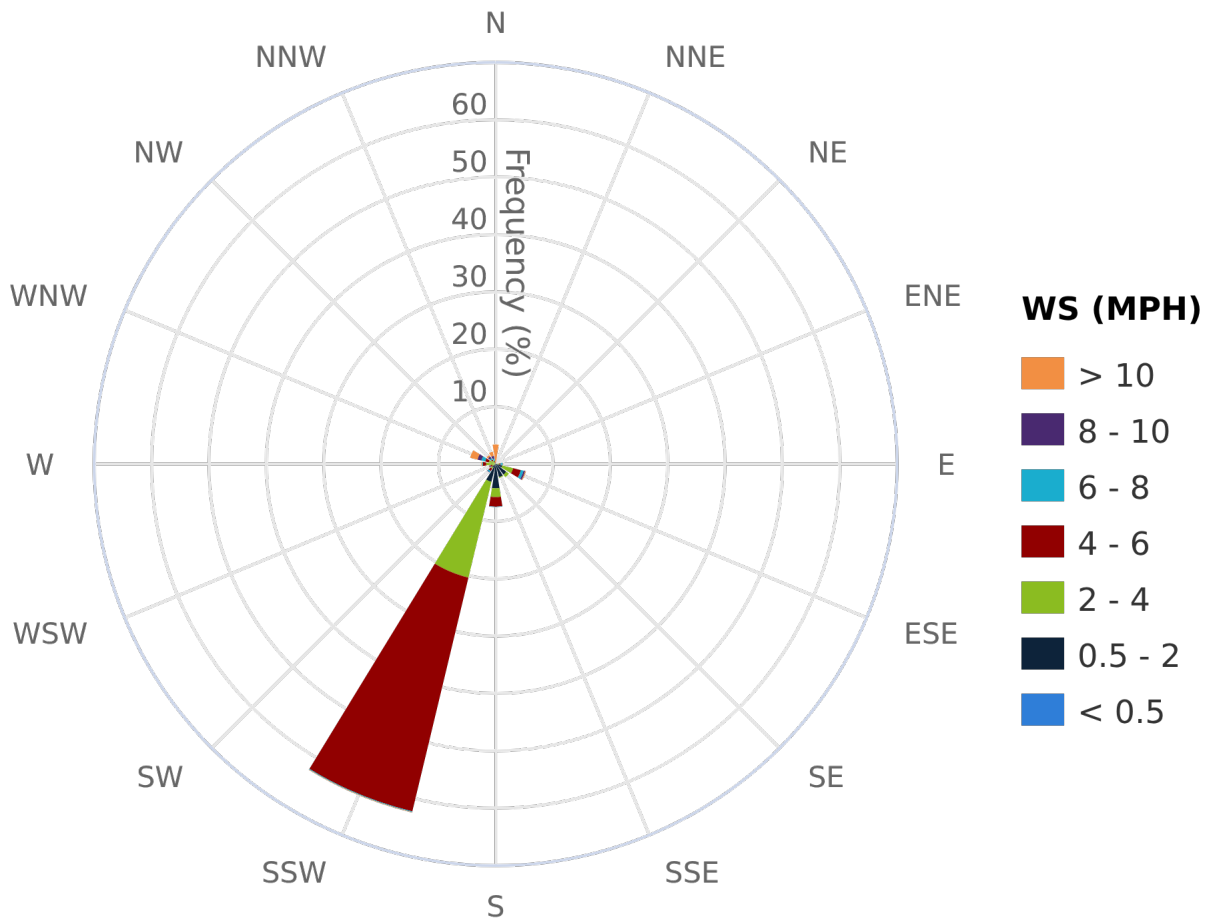


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

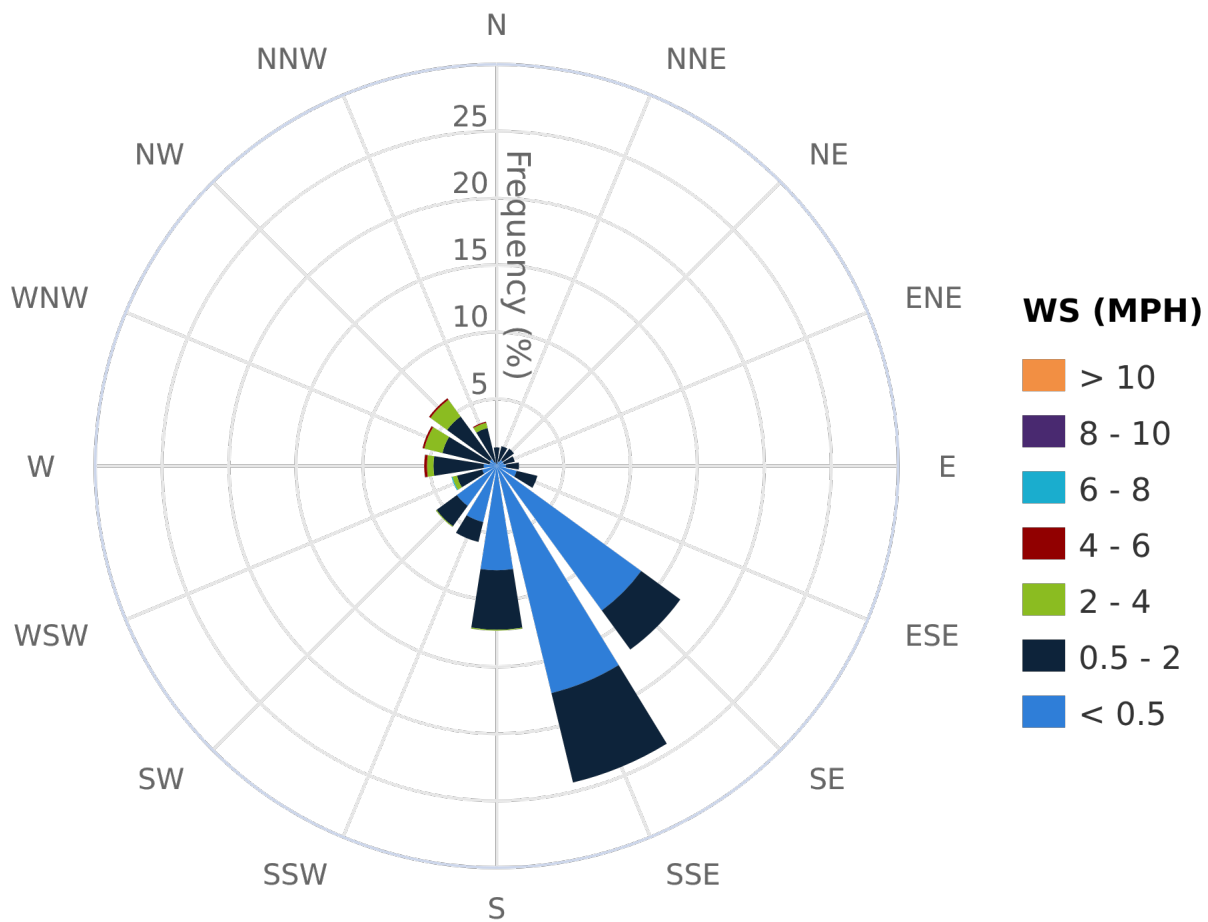


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

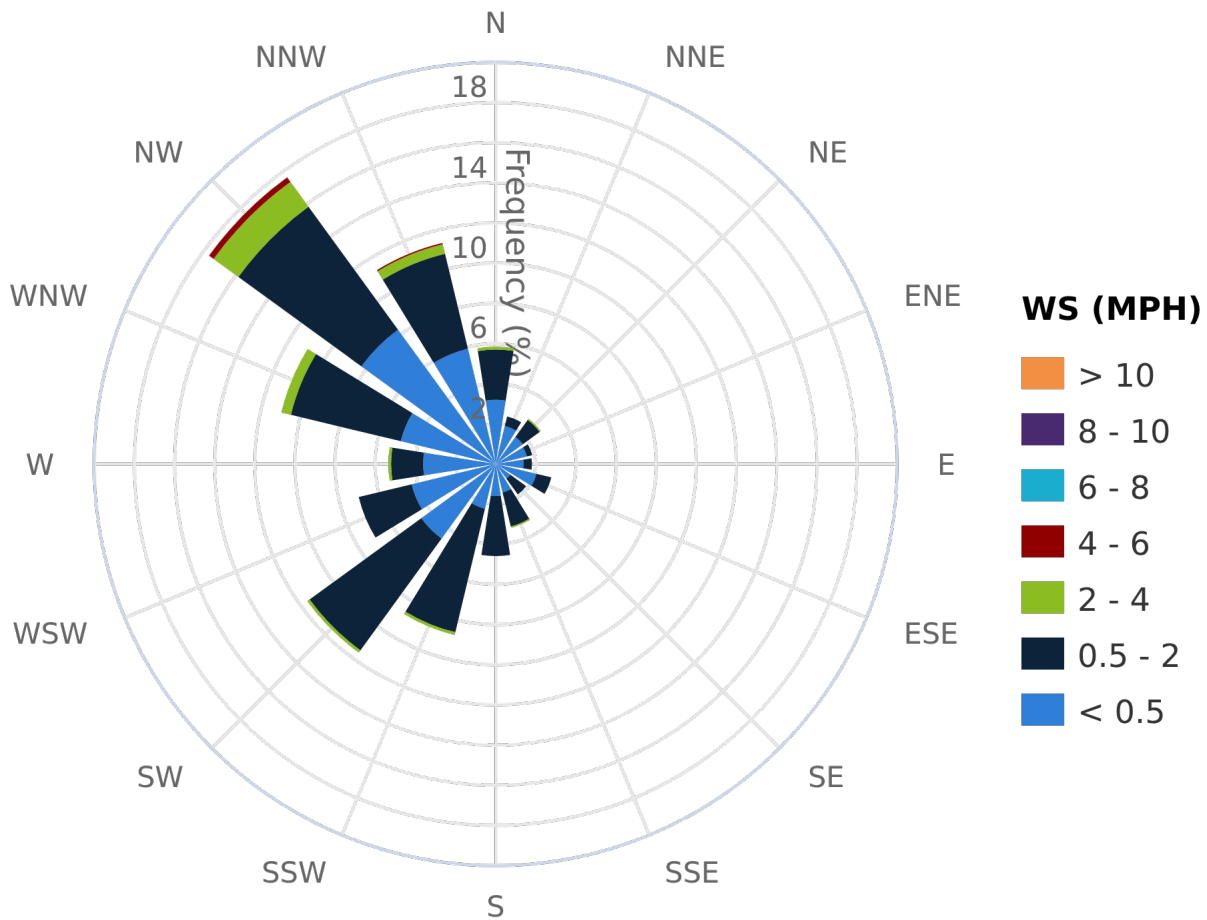


Figure 3 : Wind Rose Chart (WS in MPH)



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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	28.3	22.9	47.3	23.1	10.5	7.8	9.0	10.4	0.000	0.000	0.000	0.000
00:15:00	26.2	21.0	46.0	24.8	9.7	7.4	8.8	10.0	0.000	0.000	0.000	0.000
00:30:00	25.6	27.8	53.6	22.8	8.9	7.4	8.7	10.2	0.000	0.000	0.002	0.000
00:45:00	30.8	27.8	42.1	24.8	9.1	7.7	9.3	9.4	0.000	0.000	0.000	0.000
01:00:00	29.2	33.7	33.1	26.2	8.9	8.7	10.1	8.7	0.000	0.000	0.000	0.000
01:15:00	27.7	26.5	34.4	29.3	9.1	7.8	9.8	9.1	0.000	0.000	0.000	0.000
01:30:00	31.3	25.0	47.8	29.0	9.0	7.5	8.9	10.1	0.000	0.000	0.000	0.000
01:45:00	25.8	24.7	44.3	25.3	8.5	7.5	8.5	9.6	0.000	0.000	0.000	0.000
02:00:00	25.2	22.2	47.0	25.4	9.3	7.3	8.7	9.6	0.000	0.000	0.000	0.000
02:15:00	28.4	24.8	49.1	25.4	9.3	7.6	8.5	9.6	0.000	0.000	0.000	0.000
02:30:00	26.1	24.6	52.5	25.2	9.2	7.4	8.5	9.7	0.000	0.000	0.000	0.000
02:45:00	28.0	24.9	54.3	22.8	8.5	7.6	8.5	9.6	0.000	0.000	0.000	0.000
03:00:00	30.5	28.6	47.9	22.3	8.6	7.6	8.4	9.1	0.000	0.000	0.000	0.000
03:15:00	42.7	23.9	40.2	23.5	8.7	7.5	8.3	8.1	0.000	0.000	0.000	0.000
03:30:00	39.0	24.6	54.0	22.5	8.5	7.4	8.0	8.9	0.000	0.000	0.000	0.000
03:45:00	40.0	21.9	51.3	25.7	8.4	7.2	7.8	8.4	0.000	0.000	0.000	0.000
04:00:00	31.3	25.0	41.0	22.7	7.9	7.2	7.4	8.2	0.000	0.000	0.000	0.000
04:15:00	35.6	27.0	41.3	26.5	8.2	8.0	8.0	8.4	0.000	0.000	0.000	0.000
04:30:00	28.1	28.1	42.8	29.5	8.4	8.7	8.0	8.6	0.000	0.000	0.000	0.000
04:45:00	36.6	33.1	34.6	24.4	8.6	9.2	7.9	7.8	0.000	0.000	0.000	0.000
05:00:00	30.5	28.7	32.1	24.3	8.4	8.0	7.5	7.8	0.000	0.000	0.000	0.000
05:15:00	28.0	26.2	40.3	25.7	8.6	7.4	7.6	8.5	0.000	0.000	0.000	0.000
05:30:00	28.1	25.6	60.6	24.5	8.5	7.1	7.6	8.8	0.000	0.000	0.000	0.000
05:45:00	29.3	27.6	49.8	27.5	8.7	7.0	8.0	8.6	0.000	0.000	0.000	0.000
06:00:00	26.2	25.1	56.0	25.9	8.4	6.6	7.8	8.4	0.000	0.000	0.000	0.000
06:15:00	26.1	24.3	57.0	23.6	8.7	6.6	7.8	8.5	0.000	0.000	0.000	0.000
06:30:00	25.5	24.2	67.3	23.6	8.5	6.8	7.5	8.9	0.000	0.000	0.000	0.000
06:45:00	27.2	22.2	53.0	23.7	8.2	6.9	7.6	8.1	0.000	0.000	0.000	0.000
07:00:00	33.7	23.7	46.6	22.9	8.3	6.9	7.4	7.7	0.000	0.000	0.000	0.000
07:15:00	27.2	24.5	47.9	24.8	8.8	6.8	7.9	8.3	0.000	0.000	0.000	0.000
07:30:00	27.7	22.3	60.2	23.9	9.0	7.3	8.2	9.1	0.000	0.000	0.000	0.000
07:45:00	26.9	25.0	53.9	23.3	9.4	7.9	8.7	9.6	0.000	0.000	0.000	0.000
08:00:00	24.5	22.0	28.0	23.0	9.3	8.3	9.0	9.0	0.000	0.000	0.000	0.000
08:15:00	24.2	21.5	23.5	21.5	9.3	8.6	8.8	8.7	0.000	0.000	0.000	0.000
08:30:00	23.9	20.3	22.1	20.7	9.6	8.3	8.9	8.6	0.000	0.000	0.000	0.000
08:45:00	23.5	20.5	22.2	20.4	9.5	8.4	8.9	8.8	0.000	0.000	0.000	0.000
09:00:00	22.8	20.2	19.2	19.8	9.3	8.3	8.8	8.1	0.000	0.000	0.000	0.000
09:15:00	23.7	20.0	20.4	19.3	9.3	8.0	8.6	9.0	0.000	0.001	0.000	0.000
09:30:00	24.0	19.3	20.5	20.9	9.2	8.0	8.6	8.7	0.000	0.001	0.000	0.000
09:45:00	22.6	19.0	20.6	21.9	9.2	8.1	8.7	8.5	0.002	0.001	0.000	0.000
10:00:00	21.6	19.2	19.9	20.0	9.0	8.1	8.6	8.5	0.001	0.001	0.000	0.003
10:15:00	20.3	18.0	18.2	18.4	8.9	8.1	8.3	8.1	0.004	0.001	0.000	0.008
10:30:00	19.1	17.7	18.1	18.6	8.8	8.0	8.4	8.1	0.006	0.002	0.000	0.011
10:45:00	19.5	16.1	18.0	17.8	8.7	7.2	8.4	8.1	0.012	0.002	0.000	0.009
11:00:00	19.5	16.9	18.0	18.3	8.8	7.7	8.6	8.4	0.014	0.001	0.000	0.013
11:15:00	18.9	16.8	17.9	17.9	8.7	7.8	8.5	8.4	0.012	0.000	0.000	0.018
11:30:00	20.3	18.2	18.4	19.0	9.2	8.3	8.9	8.6	0.013	0.000	0.000	0.025
11:45:00	20.4	18.1	19.5	19.7	9.4	8.4	9.3	9.1	0.005	0.000	0.000	0.032



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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	21.8	19.5	20.3	20.5	10.0	8.9	9.6	9.3	0.000	0.000	0.000	0.035
12:15:00	22.9	19.7	21.9	21.7	10.4	9.0	10.1	10.0	0.000	0.000	0.000	0.033
12:30:00	23.2	20.1	20.5	22.0	10.3	9.1	10.1	9.6	0.000	0.000	0.000	0.026
12:45:00	23.2	20.6	21.7	20.2	10.5	9.2	9.3	9.9	0.000	0.000	0.000	0.022
13:00:00	36.7	32.6	30.9	31.6	16.2	13.8	14.1	13.2	0.000	0.000	0.000	0.021
13:15:00	35.7	27.6	29.7	26.4	15.0	11.7	12.8	12.1	0.000	0.000	0.000	0.035
13:30:00	23.3	17.5	19.7	16.7	9.3	7.3	8.2	8.3	0.014	0.000	0.000	0.047
13:45:00	20.9	17.0	16.7	15.6	7.9	6.9	7.2	7.1	0.012	0.001	0.000	0.035
14:00:00	20.5	16.1	17.6	17.0	8.6	7.1	8.1	7.8	0.001	0.000	0.000	0.013
14:15:00	21.9	18.4	18.9	17.9	9.2	7.6	8.7	8.5	0.000	0.000	0.000	0.001
14:30:00	21.4	18.3	19.0	18.5	9.3	7.9	8.9	8.7	0.000	0.000	0.000	0.000
14:45:00	21.3	19.2	20.0	19.3	9.8	8.2	9.4	9.4	0.000	0.000	0.000	0.000
15:00:00	19.0	17.3	18.0	16.8	8.7	7.4	8.2	8.2	0.000	0.000	0.000	0.000
15:15:00	20.4	18.9	17.9	16.7	9.2	7.8	8.1	8.0	0.000	0.000	0.000	0.000
15:30:00	20.2	18.0	18.5	16.7	8.8	8.2	8.2	8.0	0.000	0.000	0.000	0.000
15:45:00	25.0	19.2	24.2	21.9	10.8	8.5	10.3	9.8	0.000	0.000	0.000	0.000
16:00:00	26.2	21.1	27.3	22.7	11.1	9.3	10.8	10.8	0.000	0.000	0.000	0.000
16:15:00	26.7	22.2	26.9	23.3	11.5	9.5	10.9	11.1	0.000	0.000	0.000	0.000
16:30:00	28.1	22.3	26.9	23.7	11.6	9.6	11.0	11.1	0.000	0.000	0.000	0.000
16:45:00	29.0	23.0	27.2	24.4	11.8	9.6	11.3	11.2	0.000	0.000	0.000	0.000
17:00:00	29.1	23.6	27.9	24.2	11.9	9.8	11.2	11.4	0.000	0.000	0.000	0.000
17:15:00	28.2	26.2	29.4	25.2	11.9	10.2	11.4	11.7	0.000	0.000	0.000	0.000
17:30:00	30.0	26.7	30.2	26.6	12.5	10.5	11.8	11.8	0.000	0.000	0.000	0.000
17:45:00	32.2	27.8	31.3	27.1	13.0	10.8	12.4	12.4	0.000	0.000	0.000	0.000
18:00:00	34.4	31.8	34.3	29.9	13.9	11.3	13.5	13.3	0.000	0.000	0.000	0.000
18:15:00	35.4	32.9	37.1	31.1	14.4	11.8	14.3	14.7	0.000	0.000	0.000	0.000
18:30:00	35.4	32.5	35.3	32.5	14.9	12.6	14.1	14.6	0.000	0.000	0.000	0.000
18:45:00	35.9	33.6	35.7	35.6	15.3	12.6	14.2	14.5	0.000	0.000	0.000	0.000
19:00:00	36.6	34.0	37.2	35.5	15.4	13.0	14.5	14.9	0.000	0.000	0.000	0.000
19:15:00	37.6	37.7	37.6	36.8	15.9	13.4	14.8	15.1	0.000	0.000	0.000	0.000
19:30:00	39.9	37.2	38.9	38.3	17.0	13.8	15.5	15.5	0.000	0.000	0.000	0.000
19:45:00	41.3	40.0	43.5	38.5	17.4	14.3	15.8	16.7	0.000	0.000	0.000	0.000
20:00:00	42.5	48.0	45.1	41.1	17.5	14.5	16.4	16.9	0.000	0.000	0.000	0.000
20:15:00	44.3	43.6	41.9	38.2	17.9	14.5	16.5	16.8	0.000	0.000	0.000	0.000
20:30:00	48.8	54.3	50.2	40.8	17.2	15.0	16.0	16.8	0.000	0.000	0.000	0.000
20:45:00	45.1	47.1	64.0	43.5	17.1	14.4	15.4	17.0	0.000	0.000	0.000	0.000
21:00:00	48.6	50.1	66.0	42.7	17.1	14.5	15.7	16.4	0.000	0.000	0.000	0.000
21:15:00	63.6	56.0	59.9	45.5	16.9	14.5	15.8	16.0	0.000	0.000	0.001	0.000
21:30:00	63.5	63.3	61.5	46.3	16.7	15.0	15.5	15.8	0.000	0.000	0.000	0.000
21:45:00	50.5	55.3	72.3	49.1	17.0	14.2	15.3	16.3	0.000	0.000	0.000	0.000
22:00:00	63.0	58.6	75.3	49.3	17.2	14.2	15.4	16.1	0.000	0.000	0.000	0.000
22:15:00	53.0	53.5	74.6	49.1	17.0	13.8	15.0	16.2	0.000	0.000	0.000	0.000
22:30:00	50.1	62.4	79.0	48.7	17.8	13.7	15.0	16.9	0.000	0.000	0.000	0.000
22:45:00	49.6	63.6	102.5	44.7	17.7	13.8	16.3	17.3	0.000	0.000	0.000	0.000
23:00:00	55.3	68.7	82.9	46.5	18.0	14.5	16.4	16.3	0.000	0.000	0.000	0.000
23:15:00	48.8	57.8	66.5	46.1	18.4	13.8	16.2	16.5	0.000	0.000	0.000	0.000
23:30:00	48.3	57.4	84.5	49.1	18.2	14.2	16.6	16.7	0.000	0.000	0.000	0.000
23:45:00	46.5	58.9	96.4	49.1	17.9	14.3	16.3	16.7	0.000	0.000	0.000	0.000



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