



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-07-20

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.13 to 40.94	2943 SE	3061 SSW	2996 E	2997 SW	Min : 74.84 Max : 100.0	Min : 50.30 Max : 93.10	Min : 26.54 Max : 33.30

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	24.3	37.5	10.1	16.0	0.001	0.021
2996	22.6	34.5	9.9	14.5	0.000	0.001
2997	29.7	74.4	9.3	13.1	0.004	0.048
3061	21.9	39.9	9.1	12.5	0.000	0.002

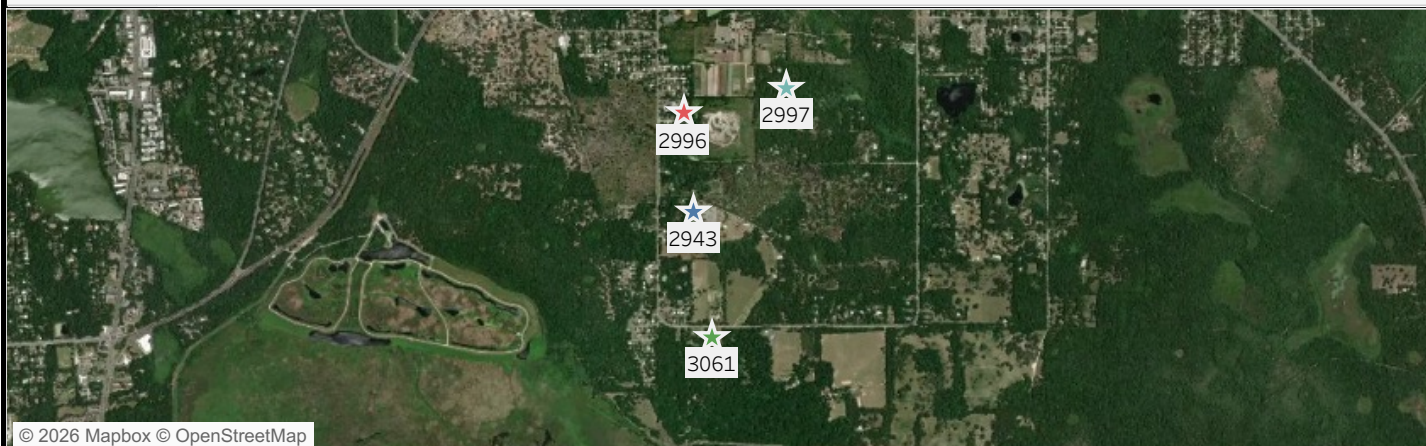


Figure 1 : Monitoring Locations

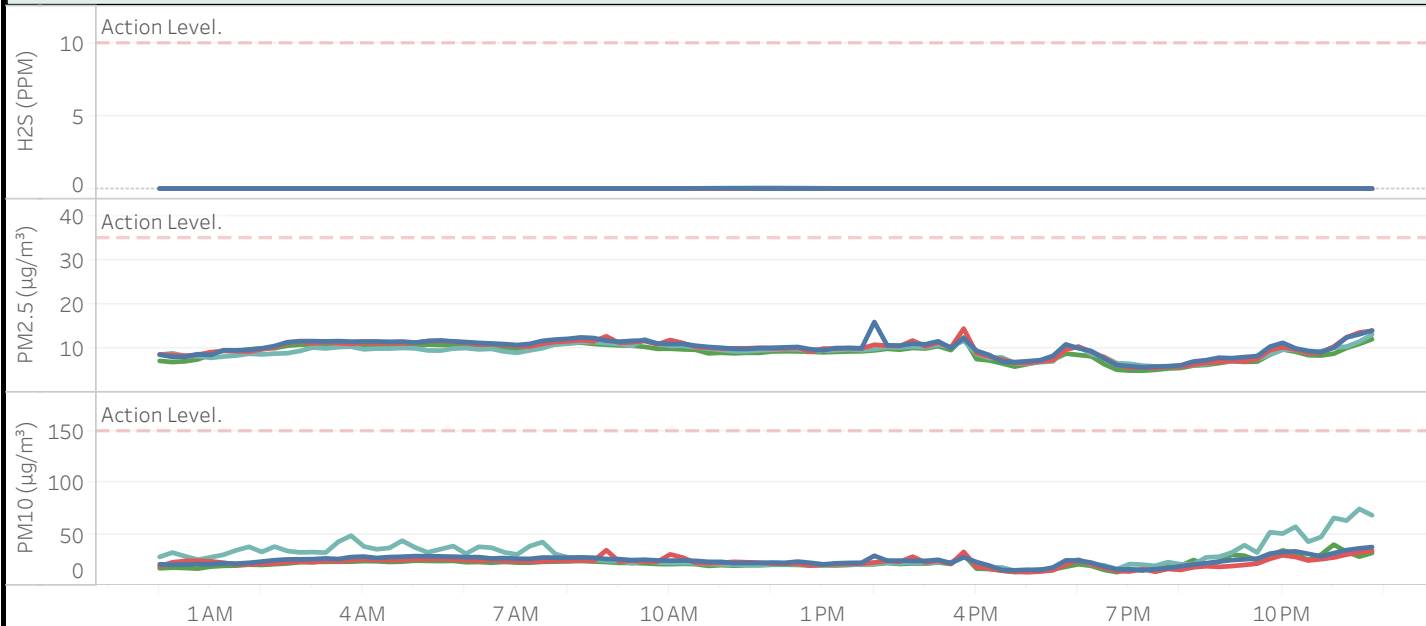


Figure 2 : 15 Minutes Average Concentrations

2943

2996

2997

3061



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Wind Rose Chart 2943

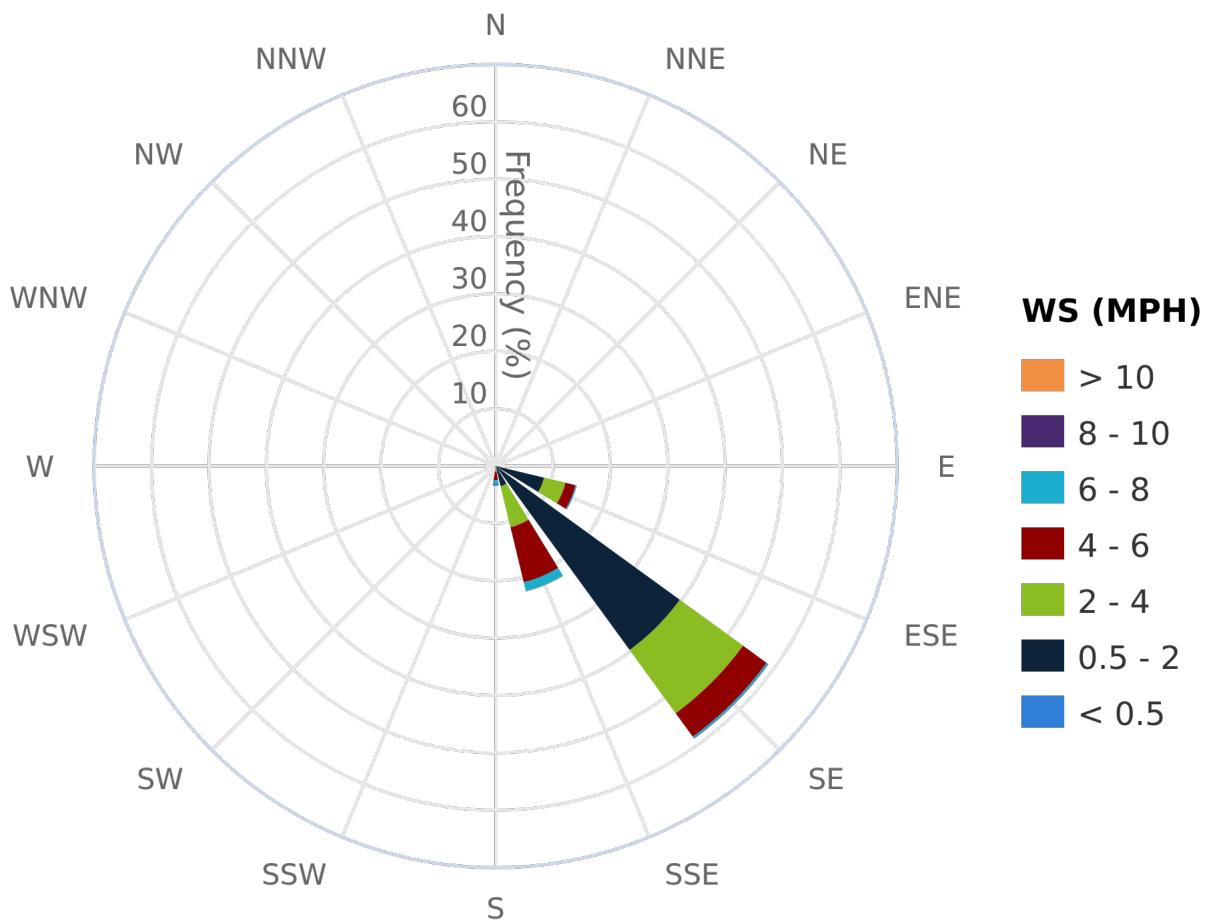


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

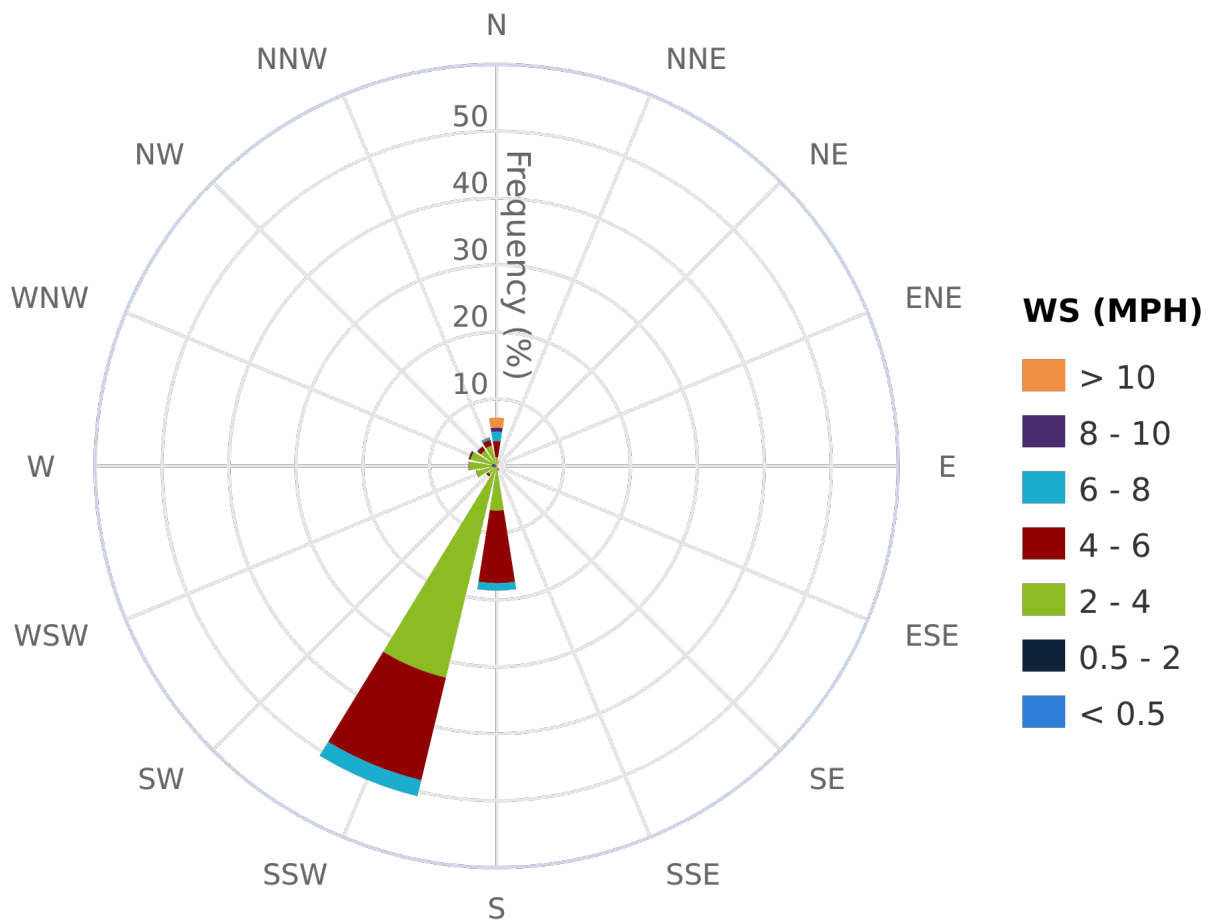


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

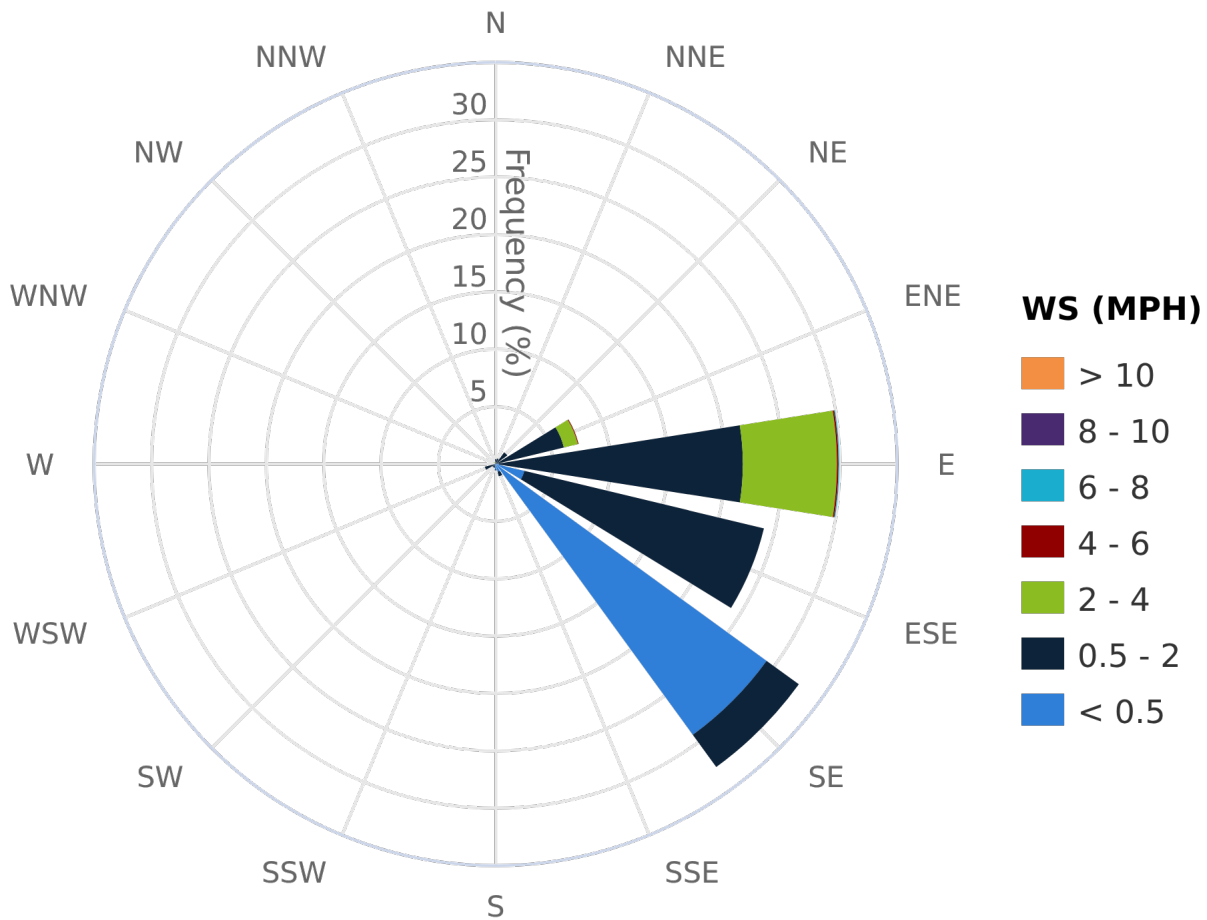


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

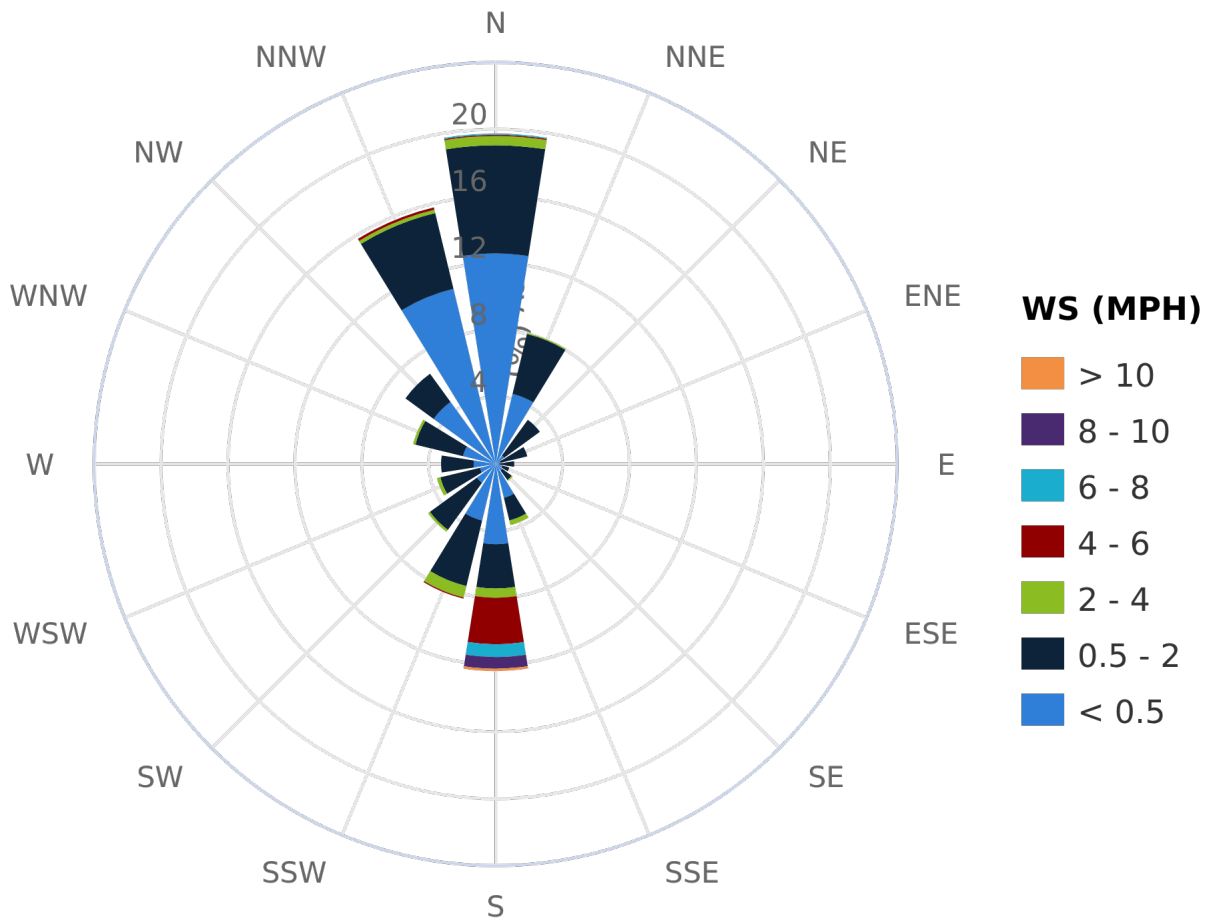


Figure 3 : Wind Rose Chart (WS in MPH)



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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	20.8	17.0	28.0	18.9	8.6	7.2	8.6	8.6	0.000	0.000	0.000	0.000
00:15:00	20.3	17.5	32.2	22.7	8.1	6.9	8.5	8.9	0.000	0.000	0.000	0.000
00:30:00	20.6	17.2	28.5	24.1	8.1	7.1	8.3	8.3	0.000	0.000	0.000	0.000
00:45:00	20.9	16.6	25.2	24.2	8.7	7.5	8.6	8.2	0.000	0.000	0.000	0.000
01:00:00	20.8	18.5	27.6	23.7	8.5	8.6	9.1	7.9	0.000	0.000	0.000	0.000
01:15:00	21.8	19.3	30.0	22.3	9.6	9.5	9.4	8.2	0.000	0.000	0.000	0.000
01:30:00	21.5	19.5	34.4	20.5	9.6	9.4	9.4	8.4	0.000	0.000	0.000	0.000
01:45:00	22.2	20.5	37.7	20.7	9.7	9.8	9.3	8.8	0.000	0.000	0.000	0.000
02:00:00	23.4	20.1	32.7	21.3	10.0	10.0	9.8	8.6	0.000	0.000	0.000	0.000
02:15:00	24.8	20.9	37.9	21.5	10.5	10.0	10.2	8.8	0.000	0.000	0.000	0.000
02:30:00	25.5	21.6	33.7	22.8	11.4	10.6	11.3	8.9	0.000	0.000	0.000	0.000
02:45:00	25.6	22.8	32.3	23.4	11.6	10.8	11.5	9.4	0.000	0.000	0.000	0.000
03:00:00	25.8	23.0	32.6	22.7	11.6	10.9	11.1	10.2	0.000	0.000	0.000	0.000
03:15:00	26.5	23.2	32.1	24.3	11.6	10.8	11.5	10.0	0.000	0.000	0.000	0.000
03:30:00	25.9	23.3	42.6	23.7	11.6	10.8	11.2	10.3	0.000	0.000	0.000	0.000
03:45:00	27.8	23.3	48.6	24.8	11.5	10.6	11.0	10.4	0.000	0.000	0.000	0.000
04:00:00	28.3	23.9	38.1	25.5	11.6	10.6	11.3	9.8	0.000	0.000	0.000	0.000
04:15:00	26.9	23.7	35.4	24.9	11.6	10.4	11.1	10.0	0.000	0.000	0.000	0.000
04:30:00	27.8	23.1	36.6	24.8	11.5	10.2	11.2	10.0	0.000	0.000	0.000	0.000
04:45:00	28.1	23.4	43.6	24.8	11.5	10.3	11.1	10.1	0.000	0.000	0.000	0.000
05:00:00	28.7	24.3	37.1	25.8	11.3	10.5	11.2	10.0	0.000	0.000	0.000	0.000
05:15:00	28.6	24.1	32.3	25.7	11.7	10.9	11.7	9.5	0.000	0.000	0.000	0.000
05:30:00	28.5	23.9	35.4	25.9	11.8	10.8	11.7	9.5	0.000	0.000	0.000	0.000
05:45:00	28.2	24.1	38.5	25.4	11.6	10.8	11.5	10.0	0.000	0.000	0.000	0.000
06:00:00	27.7	22.8	31.1	24.8	11.4	10.4	11.3	10.1	0.000	0.000	0.000	0.000
06:15:00	27.7	23.0	37.7	24.2	11.2	10.2	10.9	9.8	0.000	0.000	0.000	0.000
06:30:00	26.4	22.3	36.9	24.7	11.1	10.1	10.9	9.9	0.000	0.000	0.000	0.000
06:45:00	26.9	23.1	32.4	24.1	11.0	10.0	10.7	9.3	0.000	0.000	0.000	0.000
07:00:00	26.2	22.4	30.3	23.6	10.8	9.9	10.5	9.0	0.000	0.000	0.000	0.000
07:15:00	26.0	22.3	38.4	23.4	11.0	10.1	10.4	9.5	0.000	0.000	0.000	0.000
07:30:00	27.4	23.2	42.3	23.8	11.7	10.5	11.0	10.0	0.000	0.000	0.000	0.000
07:45:00	27.2	23.4	30.8	24.4	12.0	10.9	11.4	10.9	0.000	0.000	0.000	0.000
08:00:00	27.2	23.7	27.4	24.0	12.2	11.2	11.6	11.0	0.000	0.000	0.000	0.000
08:15:00	27.5	24.0	26.4	24.6	12.5	11.3	11.9	11.4	0.000	0.000	0.000	0.000
08:30:00	27.2	23.5	25.3	24.1	12.3	11.0	11.6	11.4	0.000	0.000	0.000	0.000
08:45:00	25.9	23.0	24.3	34.5	11.7	10.8	12.7	11.2	0.000	0.000	0.000	0.000
09:00:00	25.8	22.2	23.8	23.5	11.5	10.7	11.2	11.0	0.000	0.000	0.000	0.000
09:15:00	24.8	22.1	21.8	24.2	11.7	10.6	11.4	10.6	0.000	0.001	0.000	0.000
09:30:00	25.2	21.7	23.9	23.4	11.8	10.3	11.7	12.0	0.000	0.001	0.000	0.000
09:45:00	24.6	21.0	22.5	23.1	11.1	9.9	10.9	11.1	0.001	0.002	0.000	0.000
10:00:00	24.3	20.9	22.1	30.4	11.0	9.9	11.9	10.5	0.004	0.001	0.000	0.000
10:15:00	24.5	21.2	22.0	27.2	11.0	9.8	11.2	10.6	0.010	0.001	0.000	0.004
10:30:00	24.1	21.0	21.7	22.1	10.6	9.7	10.3	10.2	0.016	0.001	0.000	0.012
10:45:00	23.2	19.2	21.0	21.8	10.3	8.9	10.2	10.0	0.021	0.000	0.000	0.017
11:00:00	23.2	20.0	20.7	22.3	10.1	9.0	10.0	9.6	0.021	0.000	0.000	0.026
11:15:00	21.9	19.5	20.5	23.2	9.9	8.9	10.0	9.4	0.020	0.000	0.000	0.034
11:30:00	22.1	19.9	20.1	22.8	9.9	9.0	10.0	9.3	0.015	0.000	0.000	0.040
11:45:00	22.1	19.9	20.2	22.4	10.0	9.0	10.1	9.6	0.001	0.000	0.000	0.048



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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	22.5	20.3	20.7	21.5	10.1	9.3	10.0	9.7	0.000	0.000	0.000	0.047
12:15:00	22.2	20.4	20.9	21.4	10.2	9.3	10.0	9.8	0.000	0.000	0.000	0.041
12:30:00	23.4	20.2	20.8	21.4	10.3	9.3	10.1	9.8	0.000	0.000	0.000	0.037
12:45:00	22.2	19.7	19.9	19.5	9.8	9.2	9.3	9.4	0.000	0.000	0.000	0.032
13:00:00	20.8	19.8	20.0	20.5	9.6	9.1	10.0	9.5	0.000	0.000	0.000	0.023
13:15:00	21.8	19.7	20.3	20.8	10.1	9.2	9.9	9.6	0.000	0.000	0.000	0.015
13:30:00	22.1	20.2	20.9	21.2	10.1	9.3	10.1	9.8	0.000	0.000	0.000	0.012
13:45:00	22.3	20.7	20.3	21.3	10.0	9.3	10.0	9.6	0.000	0.000	0.000	0.003
14:00:00	29.1	20.8	21.3	22.6	16.0	9.5	10.8	9.9	0.000	0.000	0.000	0.000
14:15:00	24.3	22.0	22.3	24.1	10.7	9.9	10.6	10.3	0.000	0.000	0.000	0.000
14:30:00	24.4	21.1	21.7	23.1	10.6	9.7	10.5	10.2	0.000	0.000	0.000	0.000
14:45:00	24.0	21.6	22.5	28.2	11.1	10.1	11.8	10.4	0.000	0.000	0.000	0.000
15:00:00	24.1	21.4	21.8	22.6	10.9	10.0	10.5	10.2	0.000	0.000	0.000	0.000
15:15:00	25.1	22.5	22.7	24.2	11.6	10.5	11.3	10.8	0.000	0.000	0.000	0.000
15:30:00	21.9	21.2	22.7	21.1	10.1	9.6	10.2	10.3	0.000	0.000	0.000	0.000
15:45:00	27.6	30.1	29.2	32.9	12.3	12.5	14.5	11.8	0.000	0.000	0.000	0.001
16:00:00	23.0	16.6	20.4	18.4	9.5	7.6	9.0	8.8	0.001	0.000	0.000	0.007
16:15:00	19.6	16.2	17.3	16.6	8.5	7.3	8.1	7.8	0.000	0.001	0.001	0.001
16:30:00	15.2	14.7	17.8	14.6	7.0	6.6	7.5	8.0	0.000	0.000	0.001	0.000
16:45:00	15.0	13.2	14.4	13.5	6.9	5.9	6.8	6.7	0.000	0.000	0.000	0.000
17:00:00	15.5	14.4	13.6	13.1	7.1	6.4	6.7	6.5	0.000	0.000	0.000	0.000
17:15:00	15.4	15.7	14.3	13.8	7.3	7.1	7.0	6.9	0.000	0.000	0.000	0.000
17:30:00	17.7	15.8	15.2	15.1	8.3	7.4	7.3	7.0	0.000	0.000	0.000	0.000
17:45:00	24.6	18.4	22.5	20.8	10.9	8.8	9.7	9.9	0.000	0.000	0.000	0.000
18:00:00	24.5	20.9	25.3	24.6	10.0	8.5	10.4	10.4	0.000	0.000	0.000	0.000
18:15:00	22.4	19.3	20.4	20.8	9.4	8.2	9.3	8.7	0.000	0.000	0.000	0.000
18:30:00	18.8	15.4	19.8	17.6	7.7	6.4	8.0	8.1	0.000	0.000	0.000	0.000
18:45:00	15.9	13.2	16.2	14.3	6.2	5.2	6.3	6.7	0.000	0.000	0.000	0.000
19:00:00	15.9	16.3	21.0	13.8	6.0	5.0	5.6	6.5	0.000	0.000	0.000	0.000
19:15:00	15.1	14.7	20.5	16.1	5.7	5.0	5.7	6.1	0.000	0.000	0.000	0.000
19:30:00	16.1	17.5	19.3	13.6	5.9	5.1	5.6	5.9	0.000	0.000	0.000	0.000
19:45:00	17.1	21.3	22.9	16.2	5.9	5.5	5.8	6.0	0.000	0.000	0.000	0.000
20:00:00	18.9	19.3	20.9	15.4	6.2	5.6	5.9	6.1	0.000	0.000	0.000	0.000
20:15:00	20.6	24.9	20.8	17.8	7.0	6.1	6.3	6.2	0.000	0.000	0.000	0.000
20:30:00	21.9	20.7	27.5	18.9	7.3	6.3	6.7	6.5	0.000	0.000	0.000	0.000
20:45:00	23.4	23.0	28.1	18.3	7.9	6.7	7.0	7.1	0.000	0.000	0.000	0.000
21:00:00	24.8	30.2	32.1	19.1	7.8	7.1	7.2	7.0	0.000	0.000	0.000	0.000
21:15:00	25.6	29.1	39.3	20.2	8.0	6.9	7.0	7.4	0.000	0.000	0.000	0.000
21:30:00	26.3	24.6	32.2	21.4	8.3	7.0	7.6	7.6	0.000	0.000	0.000	0.000
21:45:00	31.1	29.6	51.8	26.1	10.4	8.6	9.6	8.6	0.000	0.000	0.000	0.000
22:00:00	32.7	34.2	50.5	29.6	11.3	9.8	10.3	9.7	0.000	0.000	0.000	0.000
22:15:00	33.3	30.9	57.2	27.8	10.0	9.2	9.7	9.7	0.000	0.000	0.000	0.000
22:30:00	30.9	24.9	42.7	24.5	9.4	8.5	9.0	9.0	0.000	0.000	0.000	0.000
22:45:00	28.5	30.2	47.2	25.7	9.2	8.4	9.0	9.3	0.000	0.000	0.000	0.000
23:00:00	31.6	39.9	65.7	27.4	10.1	8.8	10.4	10.2	0.000	0.000	0.000	0.000
23:15:00	34.5	32.8	63.1	30.2	12.5	10.1	12.5	10.4	0.000	0.000	0.000	0.000
23:30:00	36.2	28.2	74.4	32.3	13.2	11.0	13.6	11.5	0.000	0.000	0.000	0.000
23:45:00	37.5	31.8	68.3	33.8	14.0	12.1	14.0	13.1	0.000	0.000	0.000	0.000



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