



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-07-23

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.157 to 7.069	2943 SSE	3061 SSW	2996 ESE	2997 NNW	Min : 74.66 Max : 106.9	Min : 43.10 Max : 88.10	Min : 26.70 Max : 32.94

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	24.0	40.0	9.2	15.2	0.011	0.098
2996	23.4	42.3	9.4	17.0	0.011	0.112
2997	32.4	76.3	9.5	16.3	0.004	0.038
3061	22.8	42.7	8.6	14.9	0.001	0.011

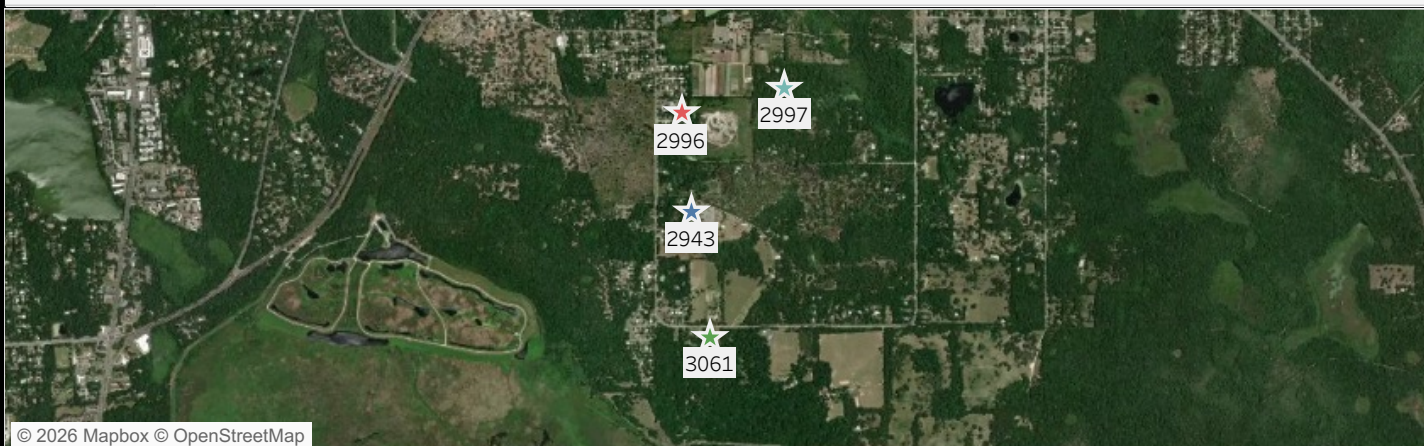


Figure 1 : Monitoring Locations

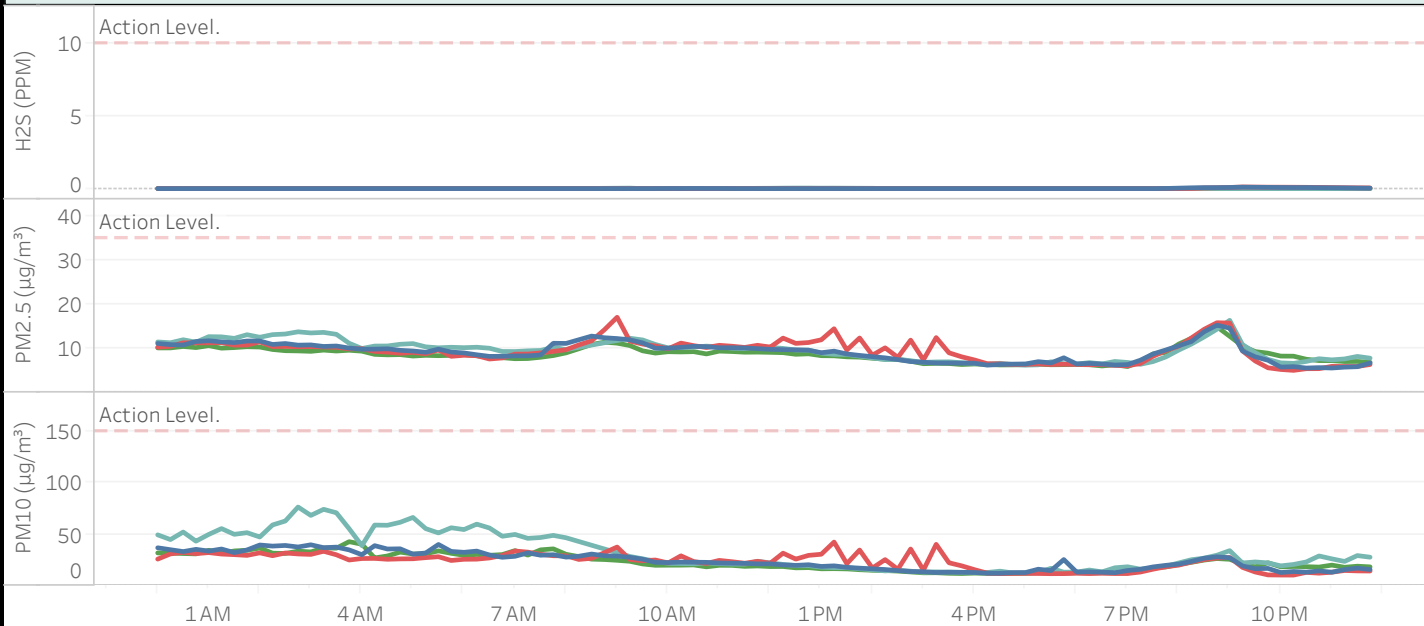


Figure 2 : 15 Minutes Average Concentrations

2943 2996 2997 3061



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Florence C&D Landfill – Air Monitoring

Date : 2026-07-23

Wind Rose Chart 2943

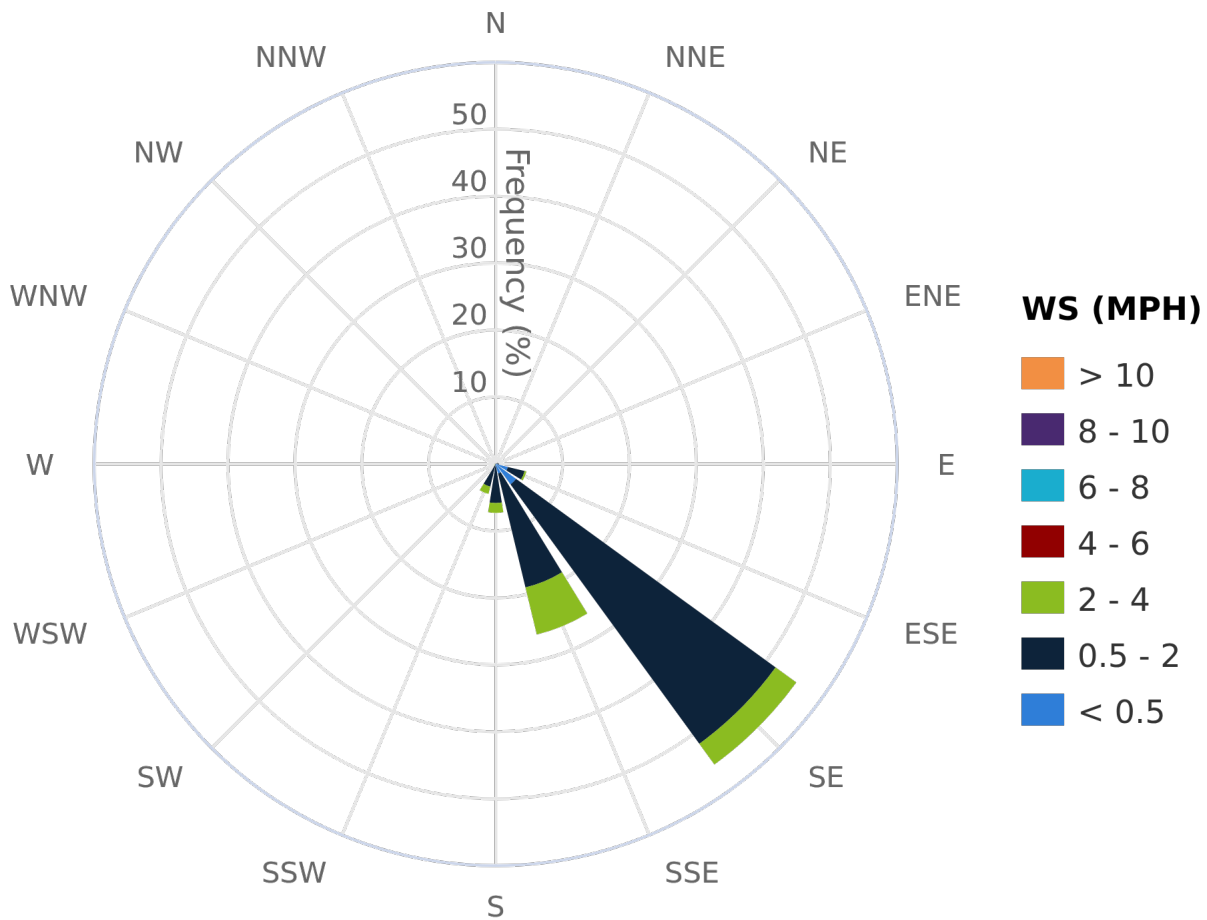


Figure 3 : Wind Rose Chart (WS in MPH)



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-07-23

Wind Rose Chart 3061

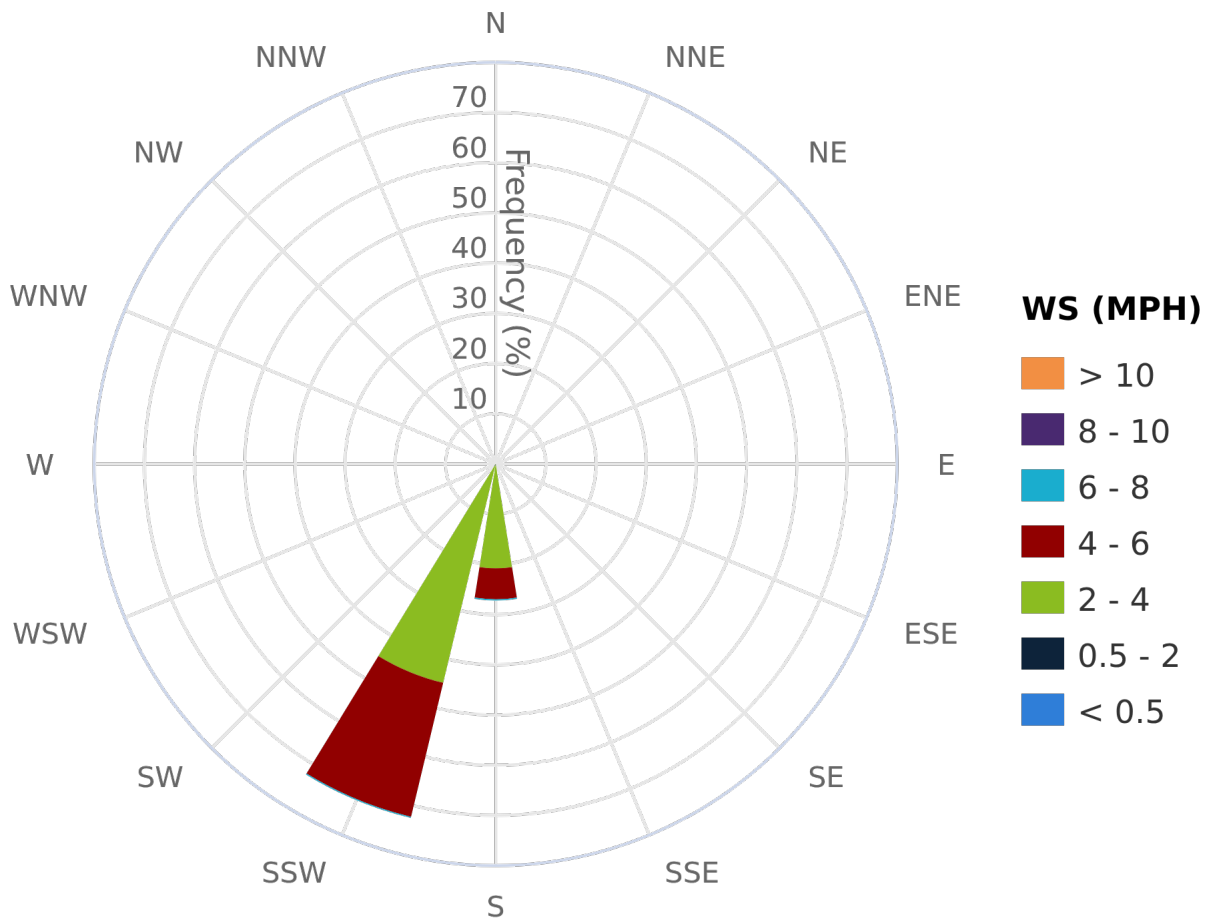


Figure 3 : Wind Rose Chart (WS in MPH)



DAILY AIR MONITORING REPORT

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Date : 2026-07-23

Wind Rose Chart 2996

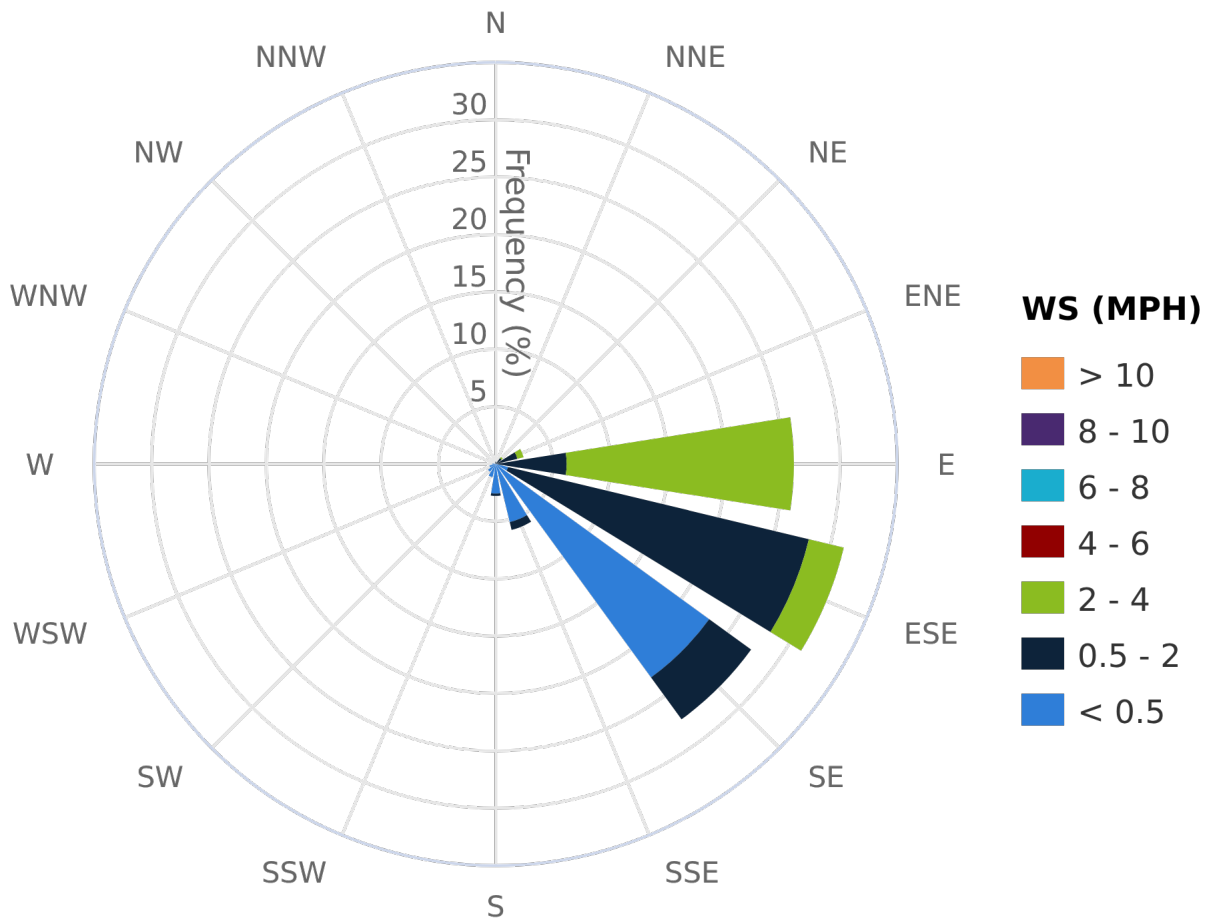


Figure 3 : Wind Rose Chart (WS in MPH)



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Date : 2026-07-23

Wind Rose Chart 2997

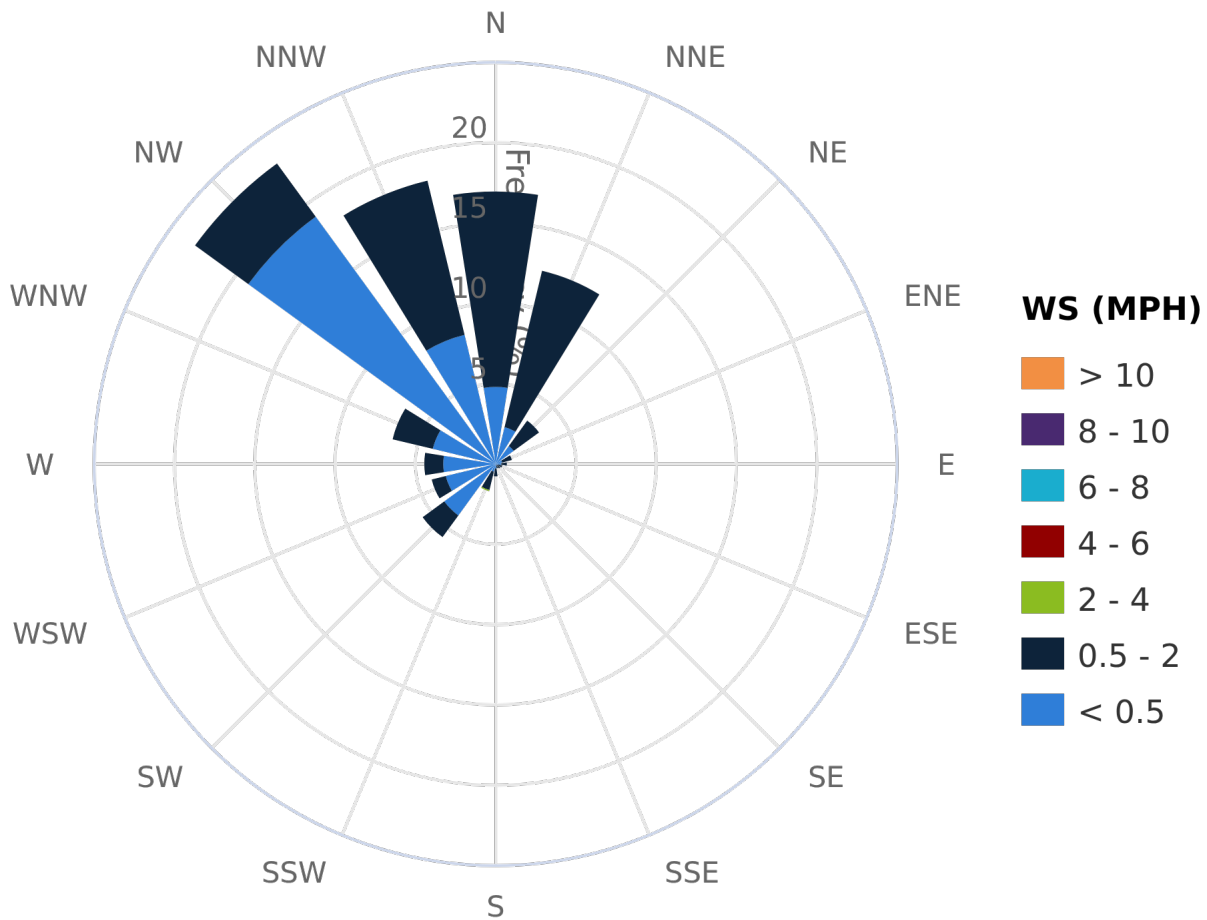


Figure 3 : Wind Rose Chart (WS in MPH)



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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	36.8	31.8	49.3	25.8	11.1	10.1	10.3	11.5	0.000	0.000	0.004	0.000
00:15:00	34.9	31.7	44.8	30.9	10.9	10.1	10.5	11.3	0.000	0.000	0.003	0.000
00:30:00	33.1	31.2	52.0	32.4	10.8	10.4	11.3	12.0	0.000	0.000	0.000	0.000
00:45:00	35.3	30.9	43.2	31.1	11.6	10.2	11.3	11.4	0.000	0.000	0.000	0.000
01:00:00	33.6	34.4	49.7	32.1	11.7	10.6	11.3	12.7	0.000	0.000	0.000	0.000
01:15:00	35.6	31.5	55.4	30.7	11.5	10.1	11.3	12.6	0.000	0.000	0.000	0.000
01:30:00	32.1	33.7	49.8	30.1	11.3	10.2	10.7	12.3	0.000	0.000	0.000	0.000
01:45:00	34.7	34.4	51.4	29.4	11.7	10.4	10.8	13.1	0.000	0.000	0.000	0.000
02:00:00	39.5	36.6	47.2	31.9	11.7	10.3	11.5	12.5	0.000	0.000	0.000	0.000
02:15:00	38.4	31.6	58.9	29.1	10.9	9.8	10.4	13.1	0.000	0.000	0.000	0.000
02:30:00	39.0	31.3	62.7	31.8	11.1	9.5	10.5	13.2	0.000	0.000	0.000	0.000
02:45:00	37.5	33.6	76.3	30.8	10.7	9.4	10.4	13.7	0.000	0.000	0.000	0.000
03:00:00	39.7	32.8	68.1	30.4	10.8	9.3	10.4	13.5	0.000	0.000	0.000	0.000
03:15:00	36.9	36.6	74.0	33.4	10.4	9.6	10.3	13.6	0.000	0.000	0.000	0.000
03:30:00	37.4	36.4	70.7	30.0	10.5	9.4	10.3	13.2	0.000	0.000	0.000	0.000
03:45:00	34.8	42.7	55.3	24.9	10.1	9.6	9.9	11.2	0.000	0.000	0.000	0.000
04:00:00	30.1	40.2	38.9	26.4	9.8	9.4	9.9	10.0	0.000	0.000	0.000	0.000
04:15:00	38.9	27.0	58.8	26.5	9.8	8.6	9.3	10.5	0.000	0.000	0.000	0.000
04:30:00	35.6	28.9	58.6	25.7	9.9	8.5	9.2	10.5	0.000	0.000	0.000	0.000
04:45:00	35.8	32.6	61.5	26.0	9.6	8.6	8.9	10.9	0.000	0.000	0.000	0.000
05:00:00	30.6	30.8	66.2	26.2	9.4	8.3	9.1	11.1	0.000	0.000	0.000	0.000
05:15:00	31.7	31.0	55.3	27.2	9.1	8.4	8.8	10.4	0.000	0.000	0.000	0.000
05:30:00	40.0	33.8	51.2	28.1	9.8	8.4	9.7	10.1	0.000	0.000	0.000	0.000
05:45:00	33.3	31.4	56.2	24.5	9.2	8.4	8.2	10.3	0.000	0.000	0.000	0.000
06:00:00	32.4	29.5	54.4	25.6	9.0	8.6	8.4	10.2	0.000	0.000	0.000	0.000
06:15:00	33.6	30.3	59.7	25.8	8.6	8.3	8.4	10.3	0.000	0.000	0.000	0.000
06:30:00	29.8	29.5	55.9	26.9	8.2	8.0	7.6	10.0	0.000	0.000	0.000	0.000
06:45:00	27.6	30.2	47.9	29.3	8.2	7.9	7.8	9.3	0.000	0.000	0.000	0.000
07:00:00	28.5	34.0	49.7	33.7	8.3	7.7	8.7	9.3	0.000	0.000	0.000	0.000
07:15:00	31.9	29.7	45.9	32.6	8.3	7.7	8.7	9.4	0.000	0.000	0.000	0.000
07:30:00	29.6	34.8	46.7	30.5	8.5	8.0	9.0	9.5	0.000	0.000	0.000	0.000
07:45:00	30.1	35.7	48.8	29.1	11.2	8.4	9.3	10.3	0.000	0.000	0.000	0.000
08:00:00	27.8	30.5	46.5	29.1	11.1	9.0	9.7	9.7	0.000	0.000	0.000	0.000
08:15:00	28.6	28.2		25.5	12.0	9.9	10.8		0.000	0.000	0.000	
08:30:00	30.7	25.8		26.6	12.8	10.9	11.7		0.000	0.000	0.000	
08:45:00	29.0	25.4		32.0	12.4	11.4	14.2		0.000	0.000	0.000	
09:00:00	28.7	24.7		37.5	12.2	11.2	17.0		0.000	0.000	0.000	
09:15:00	27.6	23.7	28.4	25.4	11.9	10.6	11.7	12.3	0.000	0.000	0.000	0.032
09:30:00	25.7	21.1	26.1	24.2	11.2	9.4	11.0	11.9	0.000	0.001	0.000	0.000
09:45:00	22.7	19.8	23.8	25.0	10.0	8.9	10.5	10.9	0.003	0.000	0.000	0.000
10:00:00	22.5	19.9	21.7	22.1	10.1	9.2	9.9	10.1	0.007	0.000	0.000	0.000
10:15:00	23.0	20.0		29.0	10.2	9.2	11.2		0.006	0.000	0.000	
10:30:00	22.8	20.2	21.3	23.4	10.5	9.3	10.6	10.3	0.011	0.000	0.000	0.012
10:45:00	22.7	18.3	22.1	21.6	10.4	8.7	10.2	10.5	0.007	0.000	0.000	0.000
11:00:00	22.1	19.8	21.5	24.6	10.1	9.4	10.7	10.4	0.006	0.000	0.000	0.000
11:15:00	21.8	19.7	21.1	23.3	10.1	9.3	10.5	10.0	0.003	0.000	0.000	0.000
11:30:00	21.7	18.8	21.0	21.8	10.1	9.1	10.2	9.9	0.000	0.000	0.000	0.007
11:45:00	21.2	19.2	23.8	23.7	9.9	9.2	10.7	10.4	0.000	0.000	0.000	0.019



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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	21.2	18.6	22.2	21.8	9.8	9.1	10.3	10.2	0.000	0.000	0.000	0.022
12:15:00	20.2	18.7	20.7	31.6	9.7	9.0	12.3	10.0	0.000	0.000	0.000	0.032
12:30:00	19.8	17.3	19.6	25.8	9.7	8.7	11.1	9.6	0.000	0.000	0.000	0.038
12:45:00	20.4	17.6	19.5	29.4	9.6	8.8	11.3	9.6	0.000	0.000	0.000	0.038
13:00:00	18.7	16.4	18.0	30.5	9.0	8.3	11.9	8.9	0.000	0.000	0.000	0.031
13:15:00	19.3	16.6	17.6	42.3	9.4	8.3	14.4	8.7	0.000	0.000	0.000	0.034
13:30:00	17.9	16.3	17.5	21.4	8.7	8.1	9.6	8.6	0.000	0.000	0.000	0.029
13:45:00	17.1	15.6	16.5	34.6	8.4	8.0	12.3	8.2	0.000	0.000	0.000	0.025
14:00:00	16.4	15.0	15.5	17.1	8.1	7.8	8.5	7.8	0.000	0.000	0.000	0.021
14:15:00	15.7	14.7	14.4	25.3	7.9	7.6	10.1	7.5	0.000	0.000	0.000	0.008
14:30:00	14.7	14.2	15.2	15.9	7.5	7.5	8.0	7.6	0.000	0.000	0.000	0.000
14:45:00	13.8	13.4	14.1	35.6	7.0	7.1	11.9	7.2	0.000	0.000	0.000	0.000
15:00:00	13.6	12.5	13.1	15.2	6.9	6.5	7.4	6.8	0.000	0.000	0.000	0.000
15:15:00	12.9	12.6	13.4	40.1	6.7	6.6	12.4	6.9	0.000	0.000	0.000	0.000
15:30:00	13.1	12.1	13.3	22.3	6.7	6.6	9.0	7.0	0.000	0.000	0.000	0.000
15:45:00	13.1	11.9	13.0	19.3	6.7	6.4	8.1	6.8	0.000	0.000	0.000	0.000
16:00:00	12.9	12.3	13.0	15.6	6.7	6.5	7.4	6.6	0.000	0.000	0.000	0.000
16:15:00	12.2	12.0	12.9	12.2	6.2	6.4	6.5	6.4	0.000	0.000	0.000	0.000
16:30:00	12.1	11.9	14.1	11.8	6.4	6.3	6.5	6.6	0.000	0.000	0.000	0.000
16:45:00	12.7	11.9	12.5	12.0	6.4	6.3	6.4	6.4	0.000	0.000	0.000	0.000
17:00:00	12.8	12.1	12.2	12.0	6.5	6.3	6.4	6.2	0.000	0.000	0.000	0.000
17:15:00	16.0	12.6	12.9	11.9	7.0	6.4	6.5	6.3	0.000	0.000	0.000	0.000
17:30:00	14.7	12.5	16.9	11.7	6.7	6.3	6.4	7.0	0.000	0.000	0.000	0.000
17:45:00	25.4	12.2	13.2	11.8	7.9	6.3	6.4	6.5	0.000	0.000	0.000	0.000
18:00:00	13.3	12.7	13.2	12.1	6.5	6.3	6.4	6.5	0.000	0.000	0.000	0.000
18:15:00	13.5	12.5	15.2	11.8	6.6	6.3	6.3	6.8	0.000	0.000	0.000	0.000
18:30:00	13.2	12.6	13.5	12.2	6.5	6.0	6.3	6.5	0.000	0.001	0.000	0.000
18:45:00	12.7	12.4	17.4	11.9	6.2	6.3	6.2	7.0	0.000	0.001	0.000	0.000
19:00:00	14.8	12.4	18.4	11.9	6.3	5.9	6.1	6.8	0.000	0.000	0.000	0.002
19:15:00	16.0	14.9	16.1	13.3	7.3	7.1	6.6	6.4	0.000	0.000	0.000	0.000
19:30:00	18.3	17.5	17.0	16.1	8.7	8.7	8.2	7.0	0.000	0.001	0.000	0.003
19:45:00	19.8	18.2	18.9	18.4	9.6	9.1	9.5	8.1	0.011	0.003	0.000	0.002
20:00:00	21.0	20.7	22.1	20.0	10.6	11.0	10.5	9.6	0.032	0.005	0.000	0.002
20:15:00	23.6	22.7	25.2	23.0	11.6	12.3	12.4	11.0	0.055	0.007	0.007	0.005
20:30:00	26.7	24.9	26.8	25.3	13.8	13.4	14.3	12.6	0.067	0.008	0.043	0.005
20:45:00	28.1	26.4	29.6	26.9	15.2	14.9	15.8	14.3	0.068	0.007	0.061	0.007
21:00:00	27.1	25.6	34.0	27.4	14.6	12.7	15.7	16.3	0.078	0.009	0.079	0.004
21:15:00	19.2	21.1	22.1	17.8	9.4	10.5	9.4	10.9	0.098	0.011	0.112	0.006
21:30:00	16.5	18.3	23.1	13.3	8.1	9.3	7.2	9.0	0.092	0.010	0.104	0.002
21:45:00	16.8	22.3	22.1	10.5	7.3	8.9	5.6	7.5	0.085	0.008	0.098	0.001
22:00:00	12.8	18.3	19.3	10.4	5.8	8.3	5.2	6.7	0.077	0.007	0.096	0.000
22:15:00	13.8	18.7	20.6	10.4	5.9	8.2	5.0	6.6	0.072	0.006	0.093	0.000
22:30:00	13.2	18.5	23.1	13.0	5.6	7.5	5.4	7.1	0.074	0.005	0.088	0.000
22:45:00	14.4	18.1	28.9	12.2	5.7	7.2	5.4	7.7	0.064	0.004	0.081	0.000
23:00:00	13.2	20.0	26.1	13.1	5.6	7.2	5.9	7.4	0.057	0.003	0.071	0.000
23:15:00	15.6	17.9	23.6	14.8	5.8	7.0	5.9	7.6	0.050	0.003	0.060	0.000
23:30:00	17.1	19.0	29.2	14.4	5.9	7.0	5.9	8.2	0.039	0.002	0.053	0.000
23:45:00	15.7	18.3	27.7	14.3	6.7	6.9	6.4	7.8	0.030	0.001	0.047	0.000



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