



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-07-10

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.089 to 8.814	2943 SE	3061 SSW	2996 S	2997 N	Min : 70.70 Max : 108.7	Min : 42.00 Max : 93.70	Min : 27.05 Max : 34.22

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	28.7	72.5	11.1	20.5	0.024	0.180
2996	26.5	62.6	11.2	23.2	0.012	0.107
2997	28.6	50.5	11.0	20.0	0.001	0.020
3061	24.4	43.7	10.1	16.9	0.003	0.024

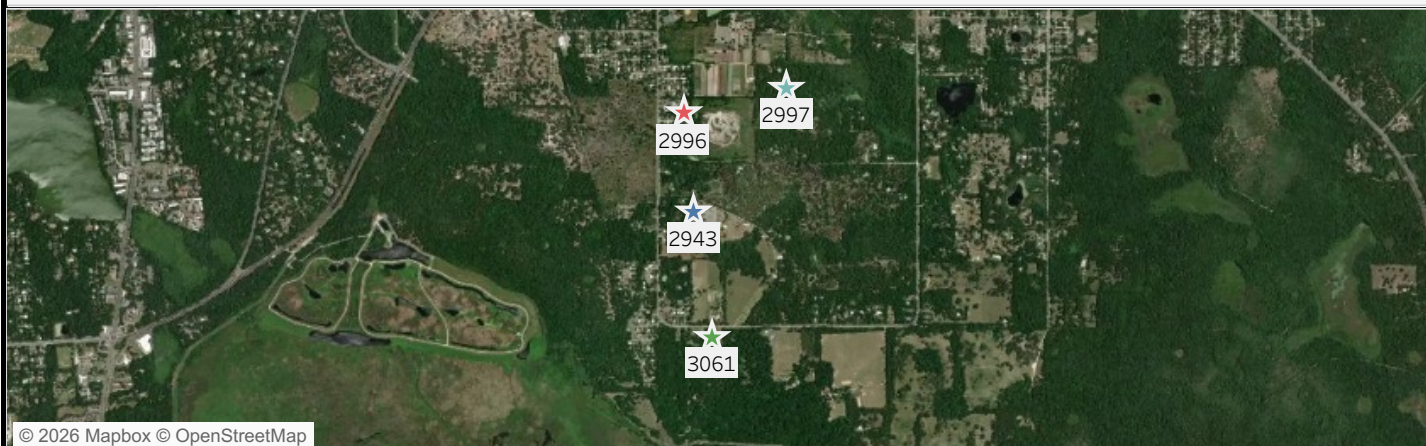


Figure 1 : Monitoring Locations

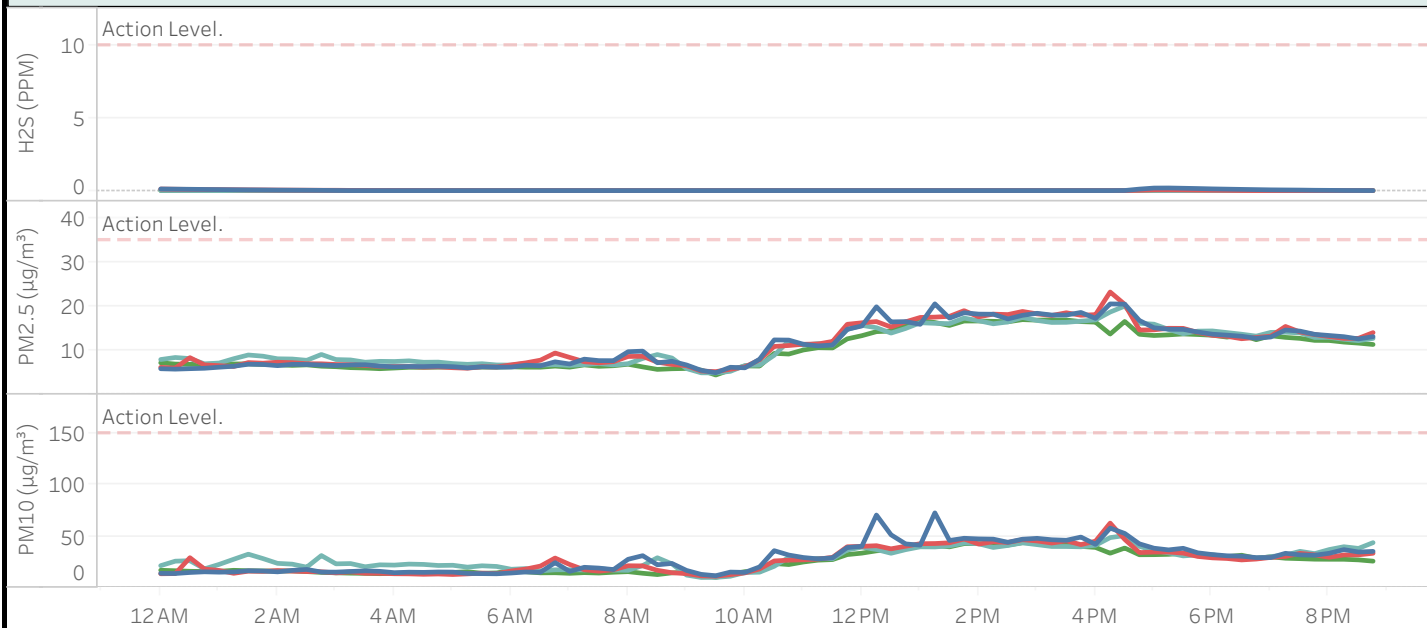


Figure 2 : 15 Minutes Average Concentrations

2943 2996 2997 3061



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Wind Rose Chart 2943

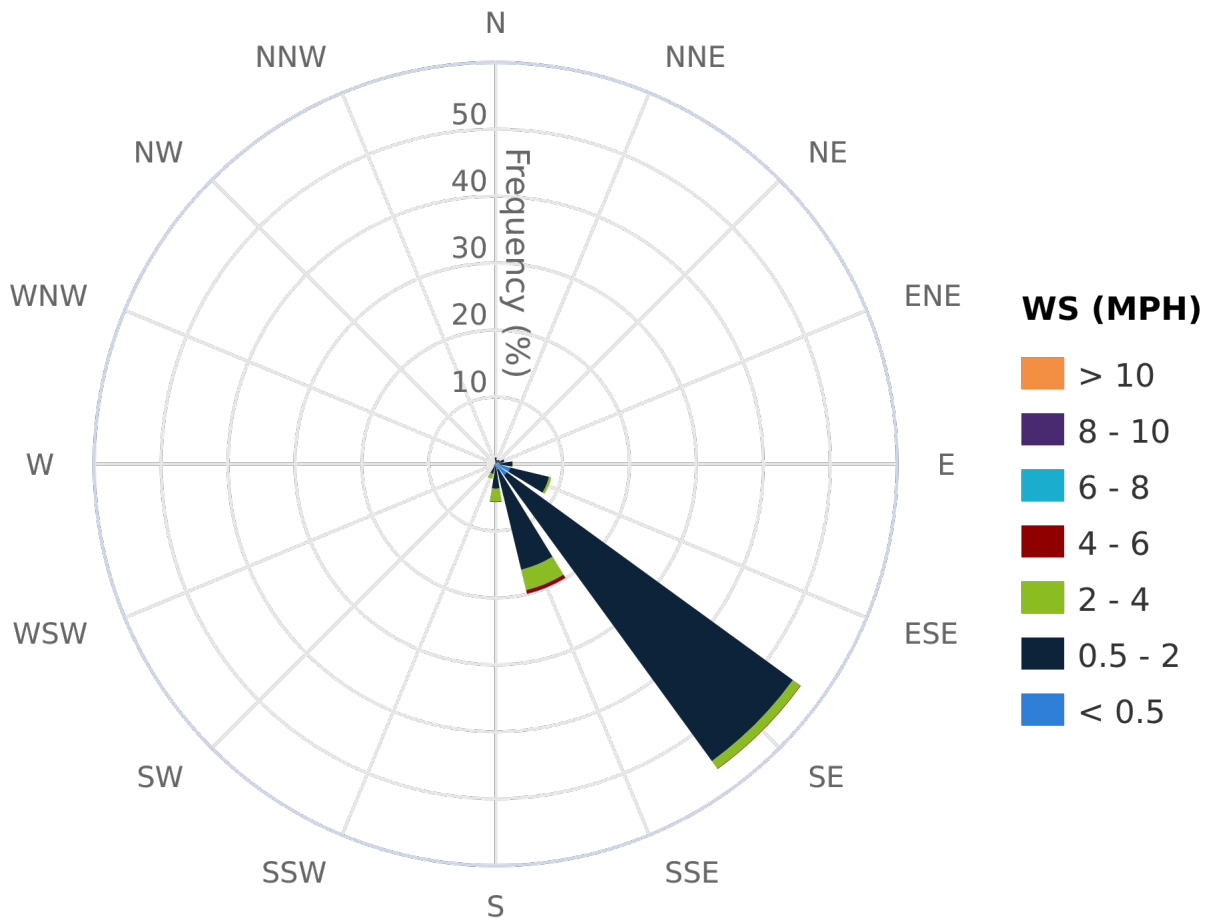


Figure 3 : Wind Rose Chart (WS in MPH)



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Florence C&D Landfill – Air Monitoring

Date : 2026-07-10

Wind Rose Chart 3061

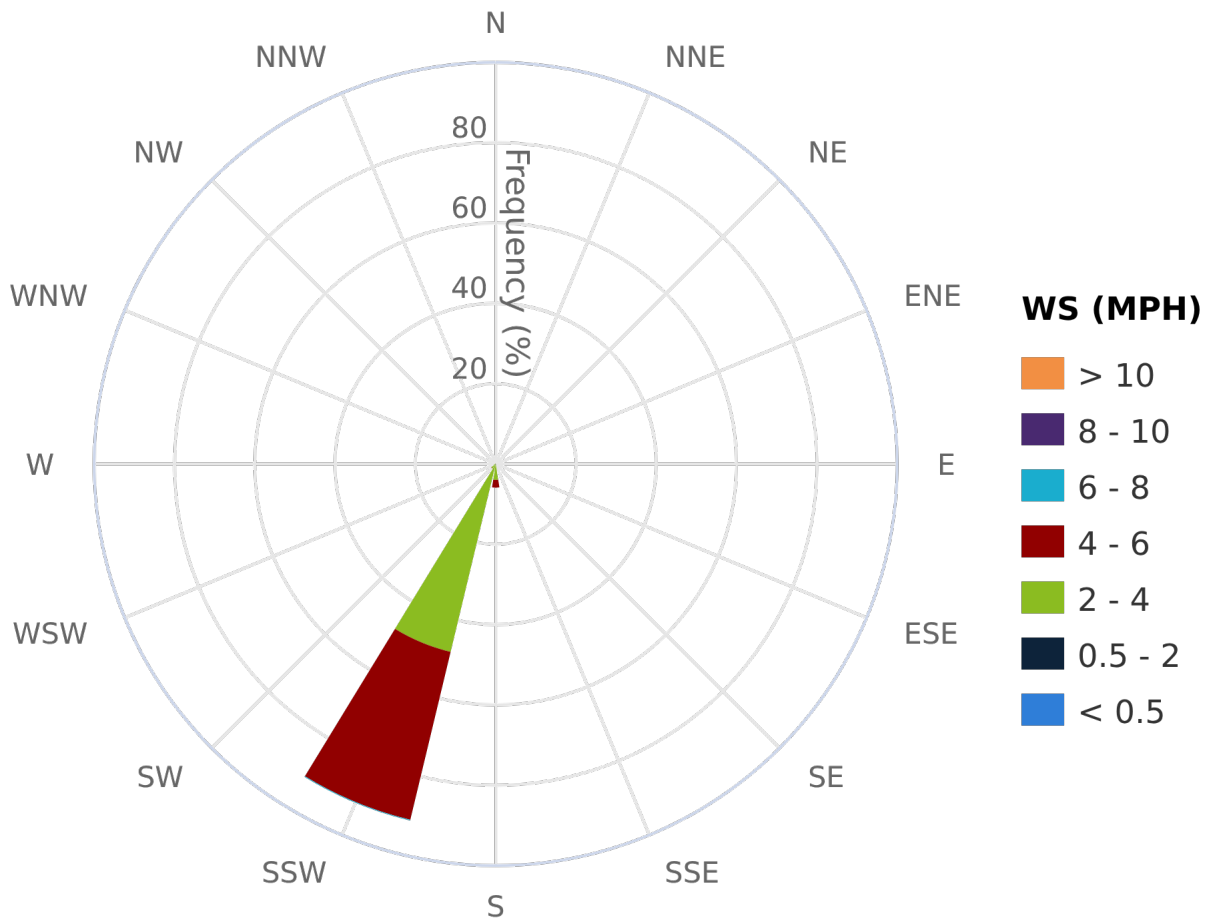


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

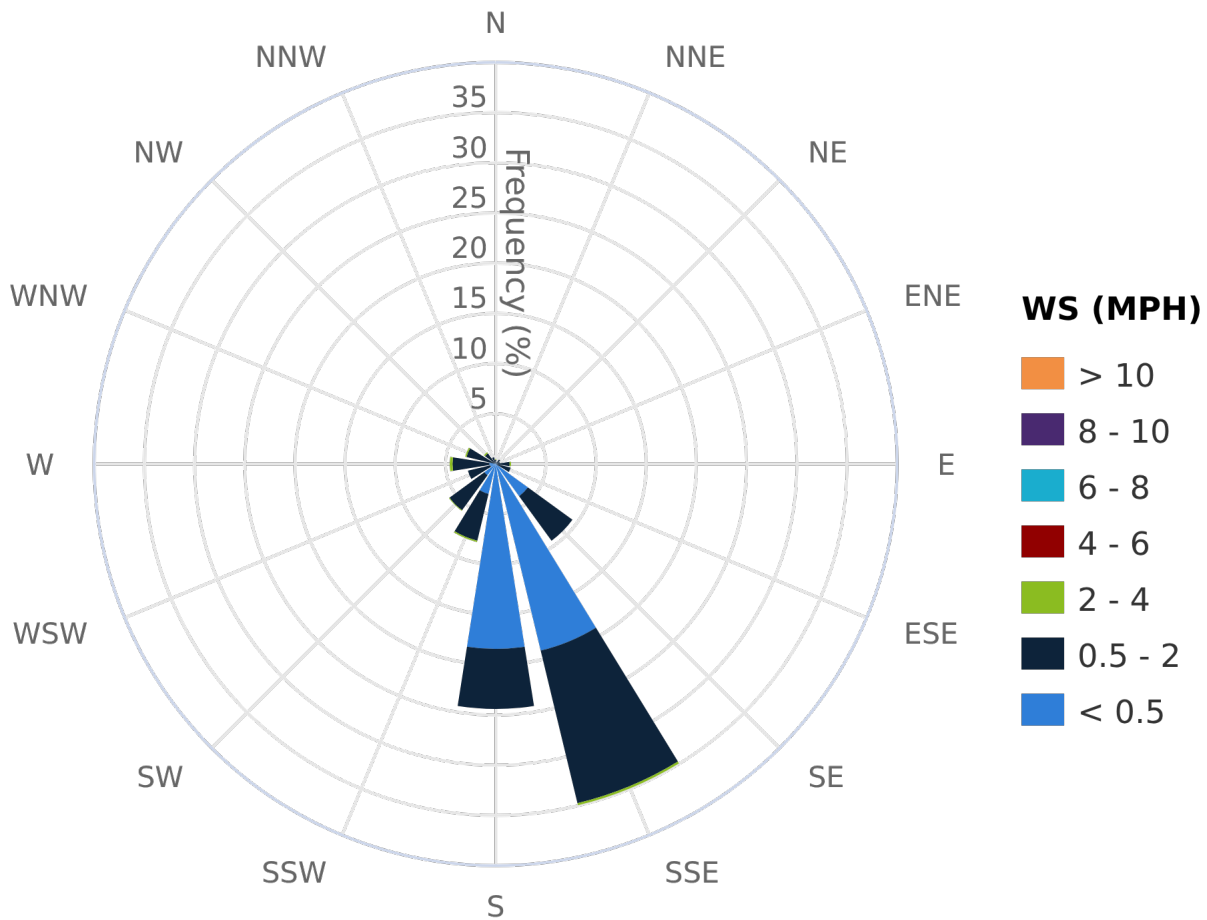


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

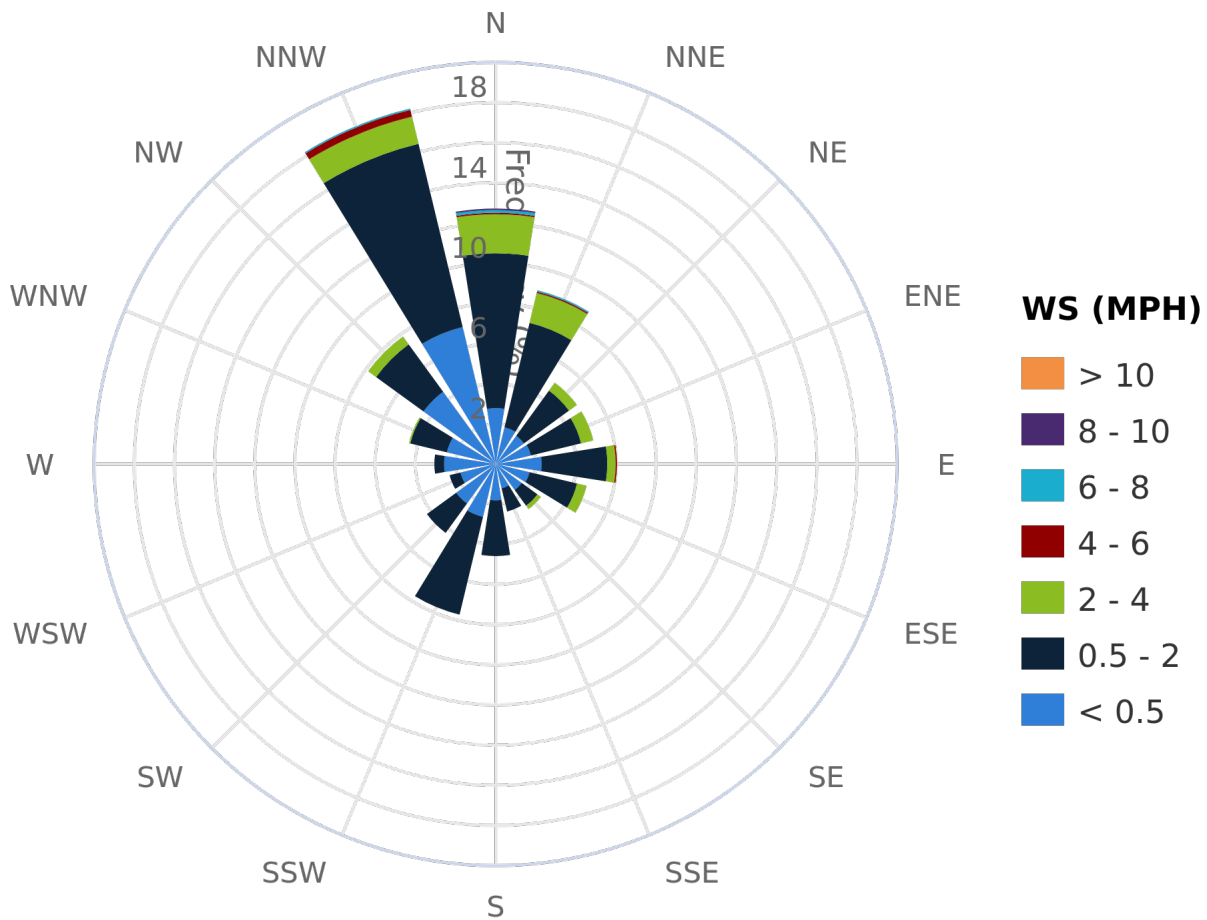


Figure 3 : Wind Rose Chart (WS in MPH)



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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	14.0	17.0	21.4	13.6	5.9	7.2	6.2	7.9	0.112	0.006	0.107	0.008
00:15:00	13.8	16.5	25.8	13.7	5.8	6.9	6.0	8.4	0.101	0.006	0.094	0.004
00:30:00	14.8	16.0	26.2	29.1	5.9	6.8	8.4	8.2	0.091	0.004	0.082	0.000
00:45:00	15.5	15.8	18.3	18.1	6.0	6.9	6.7	7.0	0.080	0.003	0.071	0.000
01:00:00	15.1	16.0	22.6	16.8	6.2	6.9	6.6	7.1	0.071	0.002	0.067	0.000
01:15:00	15.3	16.9	27.6	14.0	6.4	6.9	6.4	8.1	0.060	0.002	0.058	0.000
01:30:00	16.5	16.5	32.5	16.1	6.9	7.0	7.2	9.0	0.051	0.001	0.049	0.000
01:45:00	16.3	16.3	28.3	15.9	6.8	6.8	7.1	8.7	0.044	0.000	0.044	0.000
02:00:00	15.4	16.1	23.6	16.7	6.6	6.8	7.3	8.1	0.035	0.000	0.036	0.000
02:15:00	16.8	16.4	22.9	16.1	6.8	6.6	7.2	8.1	0.029	0.000	0.032	0.000
02:30:00	17.8	15.7	20.0	15.7	6.8	6.7	7.0	7.8	0.024	0.000	0.028	0.000
02:45:00	15.2	14.9	31.2	15.5	6.7	6.4	7.0	9.1	0.018	0.000	0.023	0.000
03:00:00	15.2	14.5	23.2	14.4	6.6	6.3	6.8	7.9	0.008	0.000	0.023	0.000
03:15:00	15.8	14.2	23.4	15.4	6.7	6.1	6.8	7.8	0.001	0.000	0.015	0.000
03:30:00	16.4	13.9	20.3	14.1	6.8	6.0	6.6	7.3	0.000	0.000	0.013	0.000
03:45:00	15.9	13.6	22.2	14.0	6.4	5.9	6.4	7.5	0.000	0.000	0.009	0.000
04:00:00	14.6	14.0	22.0	13.6	6.3	6.0	6.3	7.5	0.000	0.000	0.011	0.000
04:15:00	15.1	14.3	22.9	13.5	6.4	6.2	6.4	7.6	0.000	0.000	0.008	0.000
04:30:00	14.9	14.7	22.6	13.1	6.4	6.2	6.2	7.3	0.000	0.000	0.005	0.000
04:45:00	15.3	14.1	21.6	13.4	6.4	6.2	6.3	7.4	0.000	0.000	0.004	0.000
05:00:00	15.2	14.8	21.8	12.9	6.3	6.2	6.1	7.0	0.000	0.000	0.002	0.000
05:15:00	13.9	15.5	20.0	13.4	6.0	6.2	6.0	6.9	0.000	0.000	0.003	0.000
05:30:00	13.7	14.0	21.3	14.2	6.3	6.2	6.3	7.0	0.000	0.000	0.000	0.000
05:45:00	13.5	14.4	20.6	13.7	6.2	6.2	6.3	6.7	0.000	0.000	0.000	0.000
06:00:00	14.3	16.7	17.9	16.3	6.2	6.3	6.7	6.7	0.000	0.000	0.000	0.000
06:15:00	15.3	15.4	18.6	18.1	6.7	6.2	7.2	7.1	0.000	0.000	0.000	0.000
06:30:00	15.0	14.4	16.4	21.0	6.5	6.2	7.8	6.7	0.000	0.000	0.000	0.000
06:45:00	24.4	14.5	17.4	28.8	7.4	6.5	9.4	6.8	0.000	0.000	0.000	0.000
07:00:00	15.9	14.0	17.5	22.6	6.9	6.2	8.4	6.6	0.000	0.000	0.000	0.000
07:15:00	19.8	14.7	17.2	17.4	8.0	6.7	7.4	6.8	0.000	0.000	0.000	0.000
07:30:00	19.1	14.3	18.7	16.1	7.7	6.4	7.2	7.0	0.000	0.000	0.000	0.000
07:45:00	17.6	15.1	17.1	17.5	7.7	6.5	7.5	6.7	0.000	0.000	0.000	0.000
08:00:00	27.6	15.6	16.9	21.3	9.7	6.9	8.6	7.0	0.000	0.000	0.000	0.000
08:15:00	31.1	14.0	21.5	21.2	9.8	6.3	8.7	8.2	0.000	0.000	0.000	0.000
08:30:00	22.3	12.8	29.1	16.9	7.2	5.7	7.3	9.1	0.000	0.000	0.000	0.000
08:45:00	23.5	14.4	23.1	14.6	7.5	5.9	6.8	8.3	0.000	0.000	0.000	0.000
09:00:00	16.8	15.0	12.3	13.7	6.7	5.9	6.5	5.9	0.000	0.000	0.000	0.000
09:15:00	13.0	12.4	10.0	11.6	5.5	5.5	5.3	4.9	0.000	0.000	0.000	0.000
09:30:00	11.7	10.1	10.0	11.2	5.0	4.4	5.2	4.9	0.000	0.000	0.000	0.000
09:45:00	15.2	13.0	11.2	12.7	6.2	5.6	5.7	5.3	0.001	0.000	0.000	0.000
10:00:00	14.9	15.6	14.7	14.4	6.1	6.5	6.3	6.6	0.001	0.000	0.000	0.001
10:15:00	20.2	15.7	15.1	18.2	8.0	6.5	7.9	6.7	0.000	0.000	0.000	0.005
10:30:00	35.9	23.5	20.8	26.0	12.4	9.3	10.9	8.9	0.000	0.000	0.000	0.008
10:45:00	31.7	22.5	29.5	26.7	12.3	9.2	11.1	12.1	0.000	0.000	0.000	0.015
11:00:00	29.3	25.0	27.2	27.1	11.4	10.1	11.4	11.2	0.000	0.000	0.000	0.013
11:15:00	28.0	26.7	28.5	27.7	11.0	10.6	11.4	11.5	0.000	0.000	0.000	0.006
11:30:00	29.0	27.3	28.1	29.5	11.2	10.6	12.0	11.2	0.000	0.000	0.000	0.002
11:45:00	38.9	32.1	36.6	39.7	14.8	12.6	15.9	14.7	0.000	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	40.2	33.5	39.3	40.1	15.5	13.3	16.2	15.7	0.000	0.000	0.000	0.000
12:15:00	70.4	35.8	37.1	40.8	19.9	14.2	16.5	15.1	0.000	0.000	0.000	0.000
12:30:00	51.3	37.0	33.4	37.7	16.4	14.4	15.3	13.9	0.000	0.000	0.000	0.000
12:45:00	42.5	39.3	36.9	40.2	16.5	15.6	16.5	15.0	0.000	0.000	0.000	0.000
13:00:00	41.3	42.2	39.6	42.7	15.9	16.8	17.4	16.2	0.000	0.000	0.000	0.000
13:15:00	72.5	41.0	39.5	42.8	20.5	16.3	17.5	16.1	0.000	0.000	0.000	0.000
13:30:00	45.8	39.6	40.5	43.5	17.3	15.6	17.7	16.0	0.000	0.000	0.000	0.000
13:45:00	47.9	42.7	43.3	47.2	18.5	16.6	19.0	17.3	0.000	0.000	0.000	0.000
14:00:00	47.3	42.7	42.6	42.3	18.2	16.6	17.6	16.7	0.000	0.000	0.000	0.000
14:15:00	47.1	42.0	39.0	44.5	18.2	16.6	18.2	16.0	0.000	0.000	0.000	0.000
14:30:00	44.0	41.4	41.0	43.9	17.1	16.5	18.1	16.4	0.000	0.000	0.000	0.000
14:45:00	47.0	43.7	43.5	46.5	17.9	16.9	18.8	17.4	0.000	0.000	0.000	0.000
15:00:00	47.9	43.3	41.8	45.3	18.4	16.8	18.3	16.8	0.000	0.000	0.000	0.000
15:15:00	46.5	43.4	40.0	43.3	18.0	16.9	17.9	16.3	0.000	0.000	0.000	0.000
15:30:00	46.0	42.7	39.9	45.5	18.0	16.9	18.5	16.3	0.000	0.000	0.000	0.000
15:45:00	49.1	40.1	39.6	41.8	18.6	16.5	17.9	16.6	0.000	0.000	0.000	0.000
16:00:00	42.0	39.1	41.2	45.1	17.2	16.4	18.1	16.9	0.000	0.000	0.000	0.000
16:15:00	57.8	33.5	48.6	62.6	20.5	13.7	23.2	18.7	0.000	0.000	0.000	0.000
16:30:00	52.6	38.5	50.5	46.8	20.5	16.5	20.4	20.0	0.007	0.003	0.000	0.004
16:45:00	42.6	32.0	40.1	34.1	16.8	13.6	14.6	16.1	0.104	0.011	0.021	0.020
17:00:00	38.3	32.1	36.0	34.6	15.1	13.4	14.6	15.9	0.174	0.016	0.053	0.011
17:15:00	36.7	32.4	33.8	34.6	14.8	13.5	15.0	14.7	0.180	0.023	0.054	0.000
17:30:00	38.2	33.4	30.9	33.6	14.7	13.7	15.0	13.8	0.161	0.024	0.046	0.000
17:45:00	33.8	32.0	31.8	30.3	14.1	13.6	14.0	14.4	0.142	0.020	0.033	0.000
18:00:00	32.1	31.3	32.1	29.0	13.7	13.4	13.4	14.4	0.118	0.017	0.025	0.000
18:15:00	31.0	30.1	29.8	28.4	13.4	13.0	13.2	14.0	0.100	0.015	0.017	0.000
18:30:00	30.6	31.5	29.0	27.0	13.2	13.5	12.6	13.7	0.083	0.013	0.005	0.000
18:45:00	29.2	28.6	28.2	27.8	12.7	12.4	12.9	13.2	0.067	0.012	0.000	0.000
19:00:00	29.3	29.9	30.3	29.4	13.0	13.3	13.2	14.1	0.052	0.010	0.000	0.000
19:15:00	33.4	28.6	31.6	30.4	14.6	12.9	15.4	14.1	0.044	0.008	0.000	0.000
19:30:00	31.8	28.2	35.3	33.3	14.4	12.7	14.1	14.0	0.036	0.007	0.000	0.000
19:45:00	31.5	27.7	33.1	31.9	13.6	12.3	13.6	12.9	0.023	0.005	0.000	0.000
20:00:00	33.4	27.6	37.0	29.5	13.4	12.2	13.1	12.9	0.017	0.004	0.000	0.000
20:15:00	36.9	27.6	39.8	31.8	13.1	11.9	12.7	12.5	0.008	0.003	0.000	0.000
20:30:00	34.6	27.0	38.1	31.9	12.6	11.6	12.7	12.2	0.005	0.002	0.000	0.000
20:45:00	35.2	25.8	43.7	33.4	13.1	11.3	14.0	12.7	0.002	0.002	0.000	0.000



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