



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-07-26

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.157 to 5.346	2943 SSE	3061 SSW	2996 WSW	2997 NNW	Min : 74.48 Max : 105.6	Min : 43.90 Max : 86.50	Min : 28.84 Max : 36.82

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	31.7	44.8	15.7	20.3	0.034	0.207
2996	30.6	38.4	16.0	19.6	0.014	0.087
2997	36.2	69.9	17.4	25.8	0.006	0.043
3061	29.0	35.3	15.2	24.1	0.003	0.025

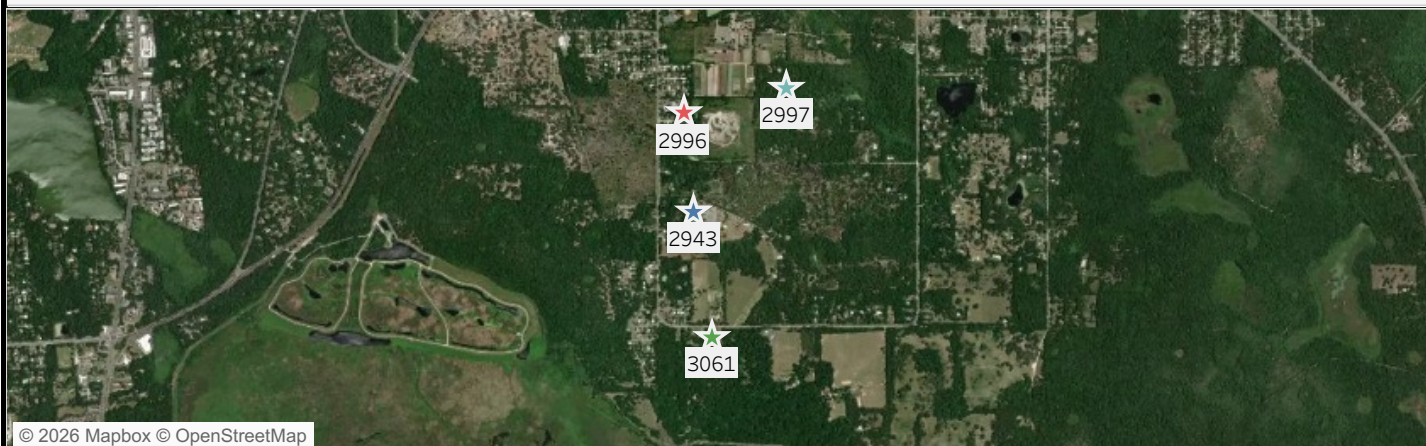


Figure 1 : Monitoring Locations

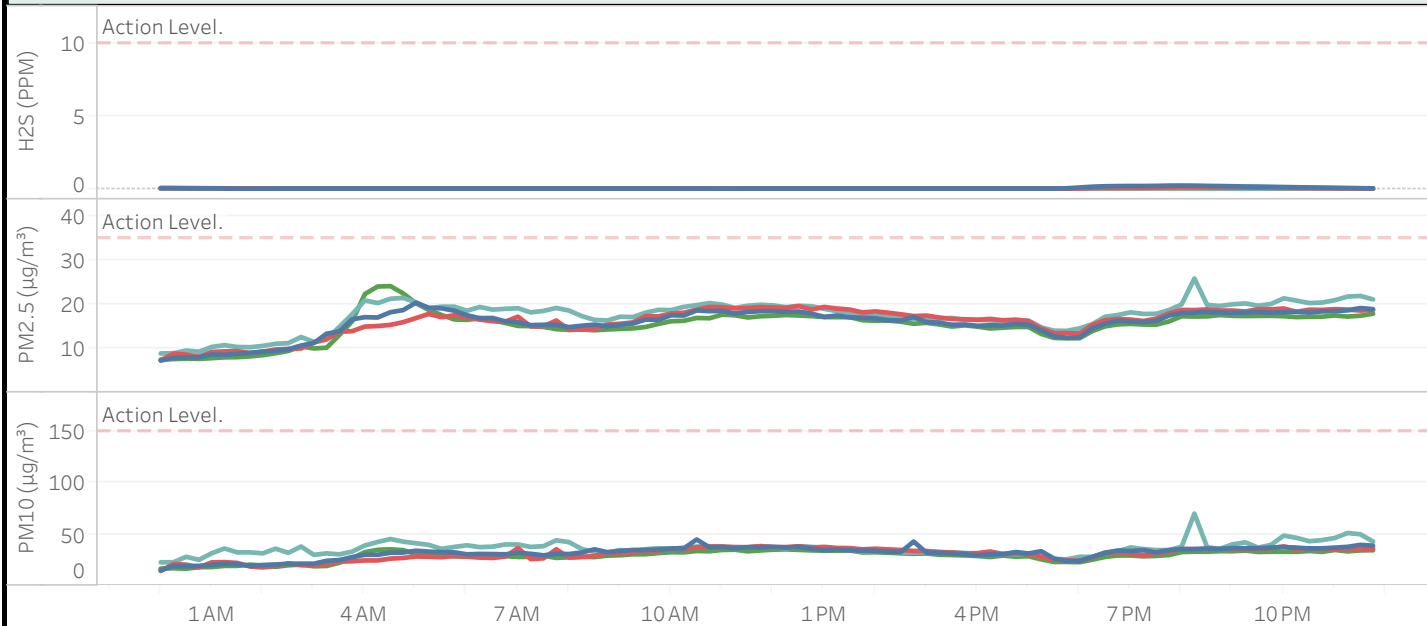


Figure 2 : 15 Minutes Average Concentrations

2943 2996 2997 3061



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Wind Rose Chart 2943

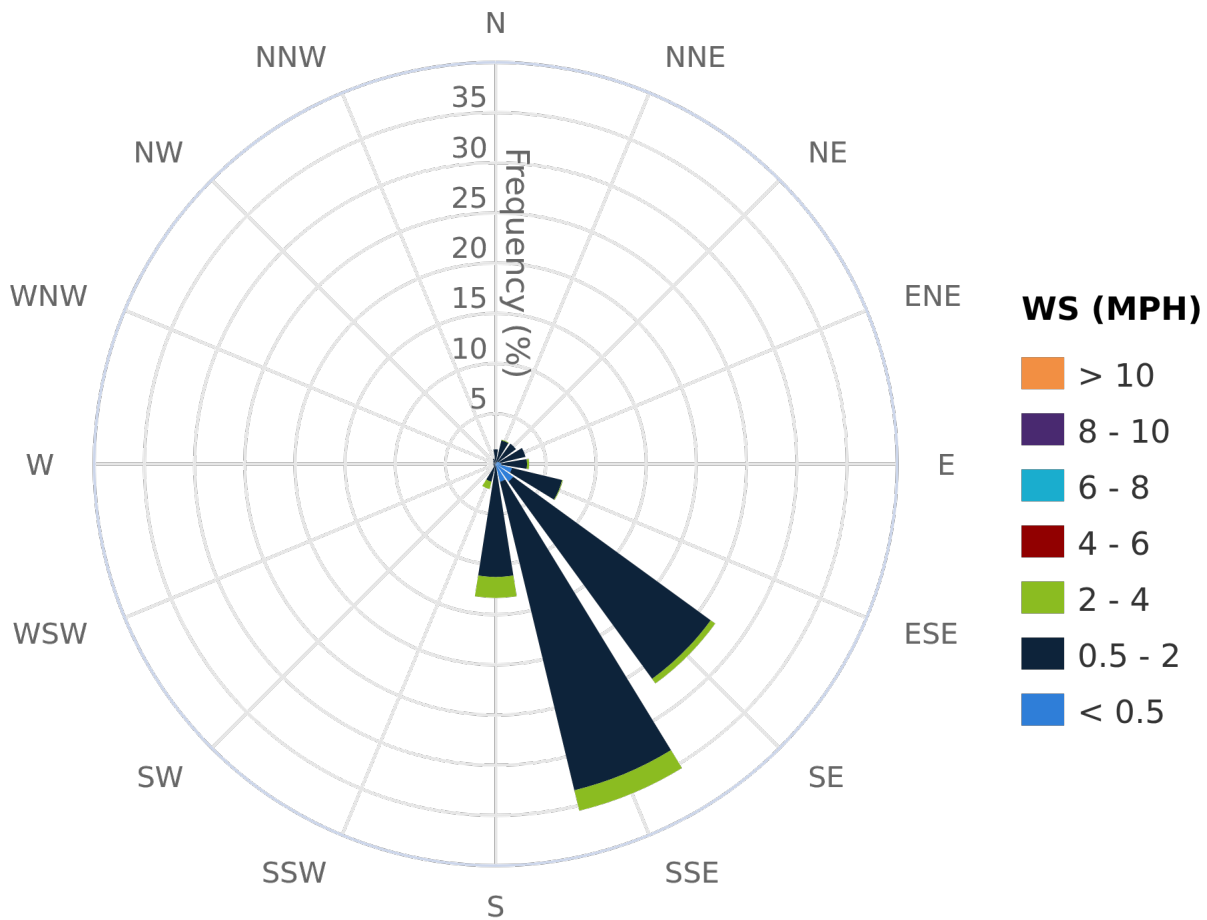


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

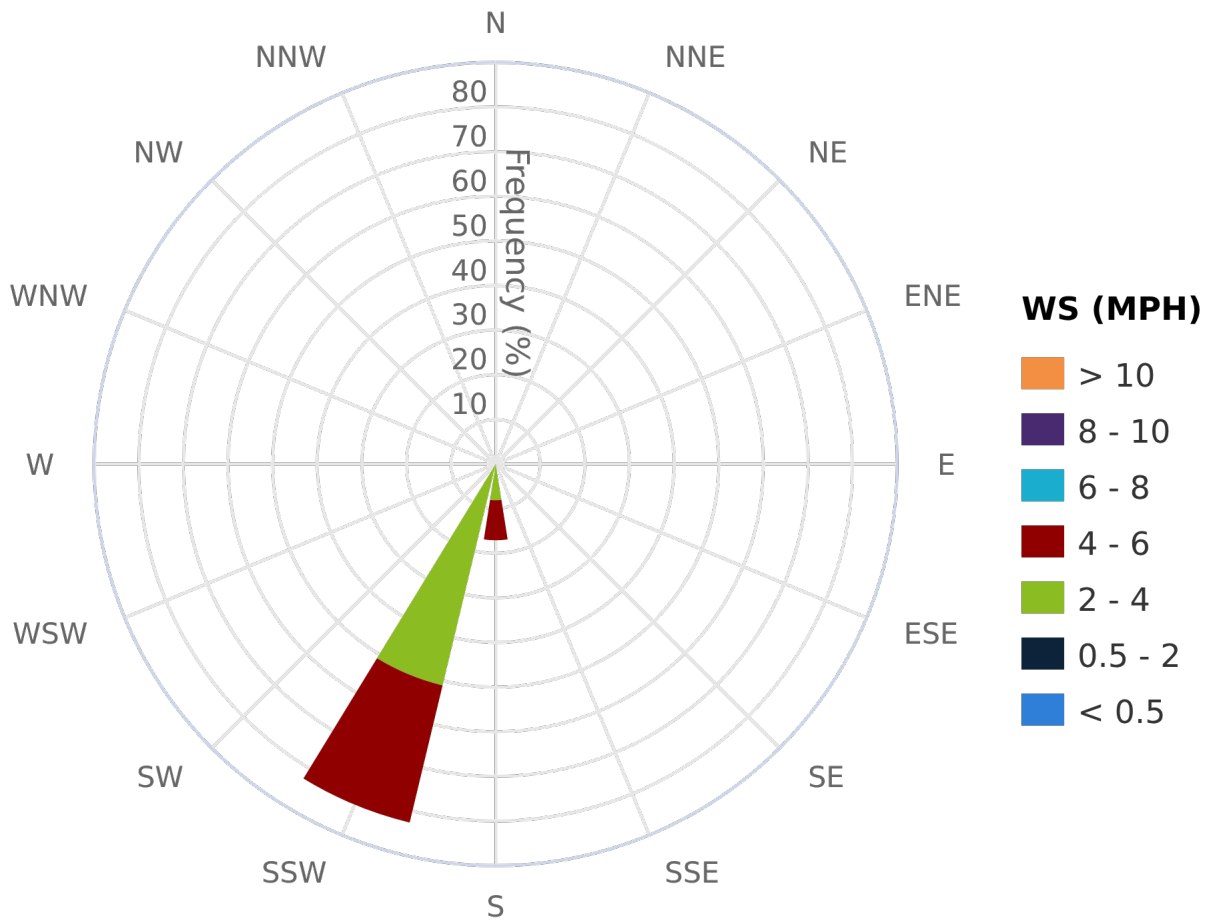


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

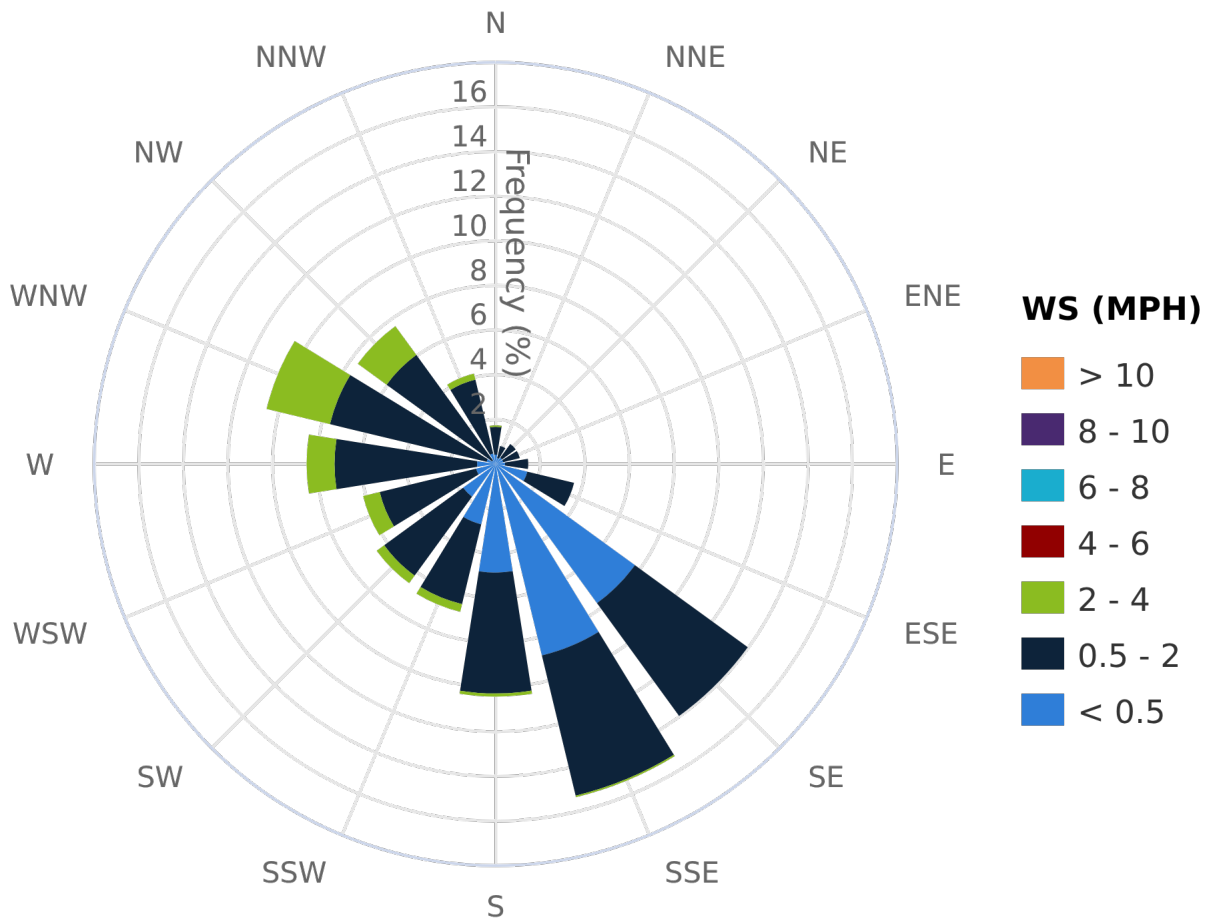


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

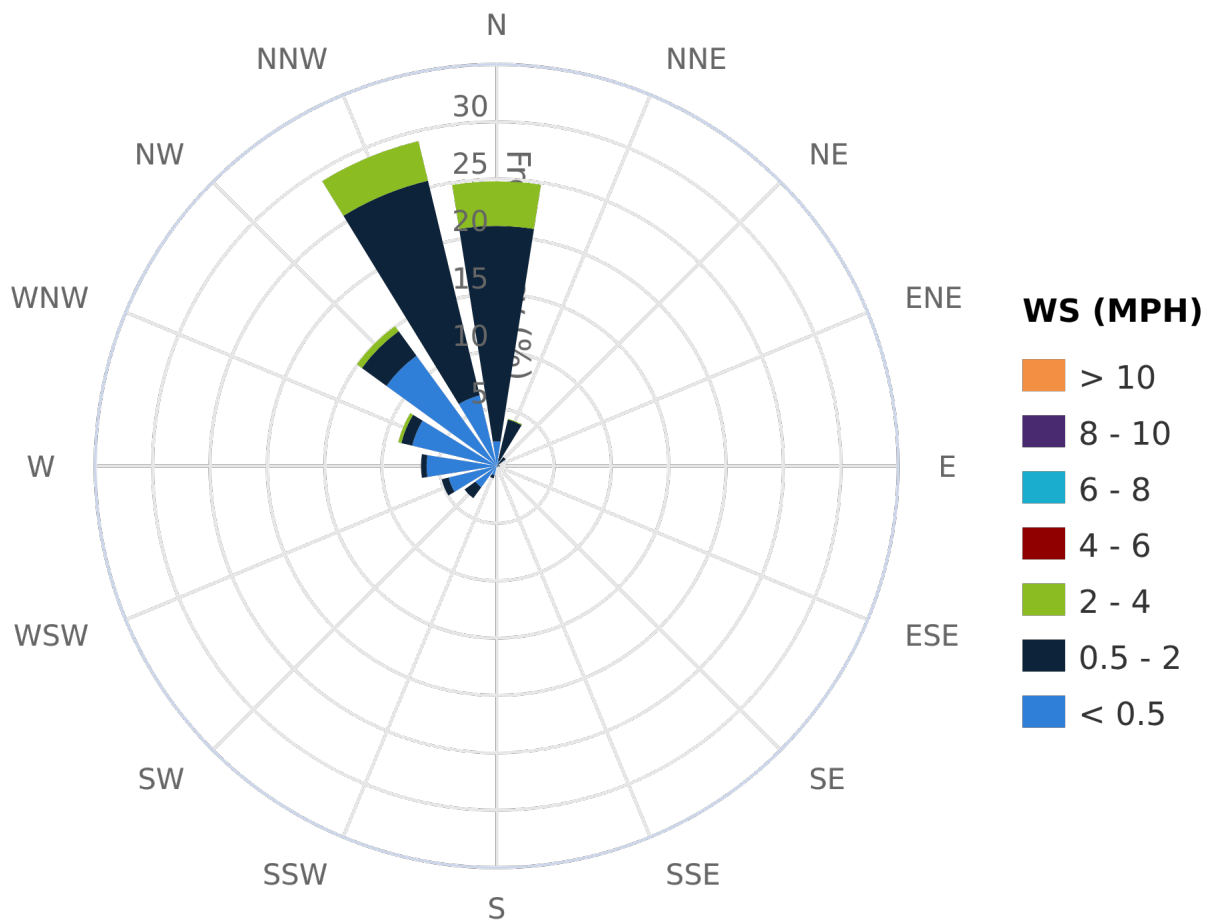


Figure 3 : Wind Rose Chart (WS in MPH)



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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	15.1	16.6	22.7	14.3	7.2	7.5	7.3	8.9	0.032	0.001	0.039	0.000
00:15:00	19.1	17.0	22.8	21.1	7.9	7.6	8.8	8.9	0.028	0.001	0.035	0.000
00:30:00	18.9	16.5	28.1	20.5	8.0	7.7	8.6	9.5	0.021	0.000	0.032	0.000
00:45:00	19.3	18.0	25.1	17.9	8.0	7.6	8.1	9.2	0.017	0.000	0.028	0.000
01:00:00	20.2	18.1	31.5	22.7	8.6	7.8	9.2	10.3	0.013	0.000	0.023	0.000
01:15:00	21.3	19.3	36.1	22.9	8.6	8.0	9.3	10.7	0.006	0.000	0.019	0.000
01:30:00	21.0	19.3	32.4	22.1	8.8	8.0	9.4	10.3	0.001	0.000	0.017	0.000
01:45:00	19.3	20.4	32.4	18.7	9.0	8.2	9.0	10.3	0.000	0.000	0.013	0.000
02:00:00	20.1	19.7	31.4	17.8	9.3	8.5	9.3	10.6	0.000	0.000	0.009	0.000
02:15:00	20.6	18.3	35.9	19.1	9.4	8.9	9.8	11.0	0.000	0.000	0.008	0.000
02:30:00	21.3	19.8	31.9	21.8	9.8	9.4	9.9	11.2	0.000	0.000	0.004	0.000
02:45:00	21.4	20.5	38.0	19.9	10.6	10.5	10.0	12.6	0.000	0.000	0.002	0.000
03:00:00	21.4	18.9	29.9	20.3	11.2	10.0	11.4	11.5	0.000	0.000	0.000	0.000
03:15:00	24.2	19.2	31.4	21.0	13.3	10.1	12.0	12.1	0.000	0.000	0.000	0.000
03:30:00	24.9	22.3	30.4	23.3	13.8	13.0	13.8	14.9	0.000	0.000	0.000	0.000
03:45:00	27.7	26.7	33.1	23.8	16.6	16.1	13.9	17.7	0.000	0.000	0.000	0.000
04:00:00	30.0	32.6	39.0	24.5	17.1	22.3	14.9	20.8	0.000	0.000	0.000	0.000
04:15:00	30.0	34.8	42.4	24.5	17.0	24.0	15.1	20.2	0.000	0.000	0.000	0.000
04:30:00	32.0	35.3	45.3	26.3	18.2	24.1	15.3	21.2	0.000	0.000	0.000	0.000
04:45:00	32.2	34.5	42.7	27.0	18.7	22.4	15.9	21.4	0.000	0.000	0.000	0.000
05:00:00	33.9	30.8	41.2	28.3	20.3	20.2	16.8	20.4	0.000	0.000	0.000	0.000
05:15:00	33.1	29.2	39.6	28.1	19.2	18.7	17.8	19.1	0.000	0.000	0.000	0.000
05:30:00	32.6	30.2	35.7	27.7	19.1	17.6	17.0	19.4	0.000	0.000	0.000	0.000
05:45:00	32.4	28.6	37.6	28.8	18.5	16.5	17.5	19.4	0.000	0.000	0.000	0.000
06:00:00	30.4	28.3	39.2	28.1	17.5	16.4	17.0	18.5	0.000	0.000	0.000	0.000
06:15:00	30.8	28.7	37.4	27.3	16.8	16.9	16.5	19.4	0.000	0.000	0.000	0.000
06:30:00	30.7	28.9	37.9	26.9	16.9	16.4	16.1	18.8	0.000	0.000	0.000	0.000
06:45:00	30.5	28.7	40.0	28.3	16.1	15.7	16.1	18.9	0.000	0.000	0.000	0.000
07:00:00	31.9	27.9	40.0	36.6	15.9	15.1	17.2	19.1	0.000	0.000	0.000	0.000
07:15:00	31.0	28.0	37.6	25.8	15.2	15.0	15.0	18.1	0.000	0.000	0.000	0.000
07:30:00	29.5	29.0	38.4	26.6	15.3	14.8	15.0	18.5	0.000	0.000	0.000	0.000
07:45:00	30.9	27.0	44.1	35.4	15.3	14.4	16.3	19.1	0.000	0.000	0.000	0.000
08:00:00	30.7	27.6	42.2	27.2	14.8	14.2	14.2	18.6	0.000	0.000	0.000	0.000
08:15:00	32.2	28.0	35.6	28.0	15.1	14.3	14.2	17.3	0.000	0.000	0.000	0.000
08:30:00	35.3	27.8	32.8	28.9	15.4	14.1	14.4	16.4	0.000	0.000	0.000	0.000
08:45:00	32.5	29.2	32.1	31.7	15.0	14.3	15.4	16.3	0.000	0.000	0.000	0.000
09:00:00	33.7	29.5	34.6	31.9	15.3	14.4	15.6	17.2	0.000	0.000	0.000	0.000
09:15:00	34.7	30.5	33.4	32.3	15.6	14.5	15.9	17.1	0.000	0.000	0.000	0.000
09:30:00	34.7	30.5	35.4	33.6	16.5	14.8	17.3	18.1	0.000	0.001	0.000	0.000
09:45:00	35.1	31.7	36.4	34.1	16.4	15.5	17.2	18.7	0.000	0.000	0.000	0.000
10:00:00	36.1	32.5	35.8	35.7	17.5	16.1	17.9	18.7	0.000	0.000	0.000	0.000
10:15:00	36.3	32.3	36.9	35.7	17.4	16.2	18.1	19.4	0.004	0.000	0.000	0.003
10:30:00	44.8	33.7	38.0	37.2	18.6	16.9	18.8	19.8	0.002	0.000	0.000	0.012
10:45:00	37.2	33.4	38.3	37.9	18.4	16.8	19.4	20.2	0.000	0.000	0.000	0.018
11:00:00	37.5	34.6	38.0	37.9	18.5	17.6	19.3	19.9	0.000	0.000	0.000	0.019
11:15:00	36.3	34.9	36.9	37.5	17.9	17.5	19.0	19.1	0.000	0.000	0.000	0.018
11:30:00	37.3	33.3	37.4	37.3	18.2	17.0	19.1	19.6	0.000	0.000	0.000	0.016
11:45:00	37.3	34.2	38.3	38.4	18.4	17.3	19.3	19.9	0.000	0.000	0.000	0.008



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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	37.6	34.9	37.4	37.5	18.4	17.4	19.2	19.7	0.000	0.000	0.000	0.001
12:15:00	36.9	35.2	36.2	37.5	18.3	17.5	19.2	19.3	0.000	0.000	0.000	0.000
12:30:00	37.7	34.7	38.2	38.2	18.3	17.4	19.6	19.6	0.000	0.000	0.000	0.000
12:45:00	35.9	34.2	37.6	37.0	17.9	17.3	18.8	19.5	0.000	0.000	0.000	0.000
13:00:00	34.5	34.0	36.6	37.7	17.1	17.1	19.4	18.9	0.000	0.000	0.000	0.000
13:15:00	35.2	34.0	35.5	36.6	17.4	17.1	19.0	18.4	0.000	0.000	0.000	0.000
13:30:00	34.3	34.2	34.7	36.5	17.0	17.1	18.8	18.1	0.000	0.000	0.000	0.000
13:45:00	34.0	32.2	33.2	35.3	16.9	16.4	18.1	17.3	0.000	0.000	0.000	0.000
14:00:00	34.0	32.4	34.0	35.9	16.8	16.3	18.4	17.3	0.000	0.000	0.000	0.000
14:15:00	33.0	32.1	33.7	35.3	16.4	16.3	18.1	17.2	0.000	0.000	0.000	0.000
14:30:00	32.7	31.4	32.3	34.6	16.3	16.0	17.7	16.8	0.000	0.000	0.000	0.000
14:45:00	42.8	31.0	32.2	33.7	17.1	15.6	17.3	16.7	0.000	0.000	0.000	0.000
15:00:00	32.1	31.3	32.4	33.6	15.9	15.8	17.4	16.8	0.000	0.000	0.000	0.000
15:15:00	32.1	30.1	32.4	32.7	15.8	15.4	17.0	16.7	0.000	0.000	0.000	0.000
15:30:00	31.1	29.8	32.4	32.2	15.3	14.9	16.6	16.9	0.000	0.000	0.000	0.000
15:45:00	30.6	29.4	31.7	31.4	15.4	15.2	16.6	16.4	0.000	0.000	0.000	0.000
16:00:00	29.7	28.8	31.1	31.6	15.1	14.9	16.5	16.5	0.000	0.000	0.000	0.000
16:15:00	30.4	27.9	30.9	33.2	15.2	14.5	16.7	16.3	0.000	0.000	0.000	0.000
16:30:00	30.6	29.2	30.8	30.7	15.2	14.7	16.3	16.2	0.000	0.000	0.000	0.000
16:45:00	32.7	28.2	30.5	31.3	15.6	14.8	16.5	16.4	0.000	0.000	0.000	0.000
17:00:00	31.2	28.6	31.2	30.7	15.3	14.8	16.2	16.3	0.000	0.000	0.000	0.000
17:15:00	33.5	25.5	28.1	28.1	14.1	13.3	14.5	14.7	0.000	0.000	0.000	0.000
17:30:00	26.4	23.1	25.9	25.1	12.7	12.4	13.4	14.0	0.000	0.004	0.000	0.000
17:45:00	24.0	23.1	25.7	24.7	12.4	12.3	13.5	14.0	0.020	0.010	0.000	0.003
18:00:00	24.0	22.8	28.0	24.1	12.5	12.3	13.4	14.5	0.077	0.015	0.010	0.017
18:15:00	28.0	25.2	28.0	27.5	14.6	13.9	15.3	15.5	0.130	0.019	0.030	0.027
18:30:00	31.8	28.0	32.4	31.5	15.6	15.0	16.4	17.1	0.161	0.024	0.038	0.040
18:45:00	34.1	29.3	33.5	32.7	16.2	15.4	16.6	17.5	0.172	0.025	0.038	0.042
19:00:00	33.6	29.3	37.1	30.9	16.1	15.5	16.5	18.2	0.179	0.023	0.041	0.043
19:15:00	34.5	28.5	35.6	29.9	16.0	15.4	16.2	17.8	0.178	0.023	0.042	0.040
19:30:00	32.3	28.9	34.6	31.2	16.2	15.4	16.7	17.8	0.186	0.022	0.053	0.041
19:45:00	34.5	29.7	34.6	33.4	17.4	16.1	17.9	18.7	0.205	0.021	0.078	0.040
20:00:00	35.5	32.6	37.8	35.6	18.0	17.3	18.7	19.9	0.207	0.021	0.087	0.038
20:15:00	35.6	33.0	69.9	35.3	18.1	17.2	18.7	25.8	0.202	0.019	0.085	0.033
20:30:00	36.1	32.9	37.2	35.6	18.2	17.2	18.8	19.8	0.185	0.017	0.083	0.030
20:45:00	35.7	33.6	35.8	35.2	18.1	17.5	18.6	19.6	0.175	0.016	0.078	0.024
21:00:00	36.5	33.5	40.2	35.2	18.1	17.4	18.5	20.0	0.159	0.014	0.072	0.020
21:15:00	36.3	34.1	42.0	34.7	18.1	17.3	18.3	20.2	0.145	0.013	0.066	0.014
21:30:00	36.4	32.7	37.0	35.8	18.2	17.3	18.9	19.6	0.137	0.011	0.062	0.008
21:45:00	36.9	33.0	39.6	36.6	18.1	17.4	18.8	20.0	0.122	0.009	0.054	0.002
22:00:00	37.5	33.0	48.6	38.1	18.2	17.3	19.0	21.3	0.106	0.007	0.046	0.000
22:15:00	36.9	32.9	46.4	35.5	18.3	17.1	18.3	20.8	0.092	0.005	0.041	0.000
22:30:00	36.2	33.7	43.1	36.4	18.1	17.1	18.7	20.2	0.080	0.005	0.034	0.000
22:45:00	36.3	32.8	44.2	35.6	18.4	17.2	18.7	20.4	0.067	0.004	0.030	0.000
23:00:00	36.9	34.7	46.2	35.8	18.4	17.4	18.9	20.9	0.054	0.002	0.024	0.000
23:15:00	37.7	33.3	51.1	35.6	18.6	17.2	18.8	21.7	0.041	0.001	0.020	0.000
23:30:00	39.6	34.3	49.9	35.1	19.1	17.4	18.6	21.9	0.027	0.000	0.015	0.000
23:45:00	38.8	34.4	42.8	36.2	18.9	17.8	18.7	21.1	0.018	0.000	0.012	0.000



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