



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-07-06

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.179 to 6.599	2943 SSE	3061 SSW	2996 SSW	2997 NNW	Min : 74.66 Max : 101.8	Min : 47.50 Max : 89.00	Min : 27.00 Max : 30.46

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	12.2	36.7	5.1	8.3	0.004	0.048
2996	9.9	15.0	4.7	7.8	0.000	0.010
2997	15.1	31.6	4.9	8.7	0.003	0.030
3061	10.6	15.9	4.7	7.5	0.001	0.007

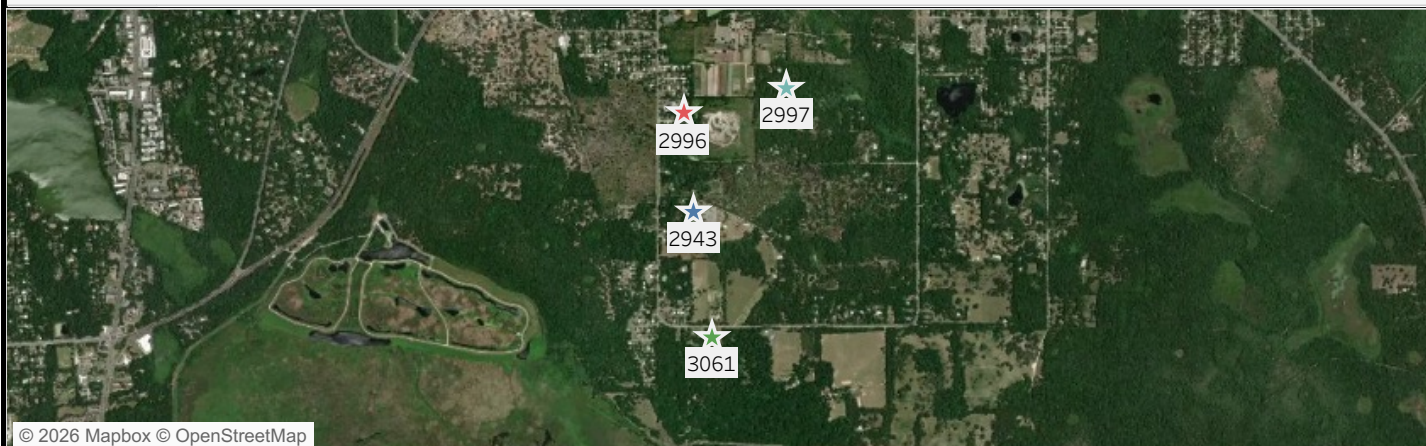
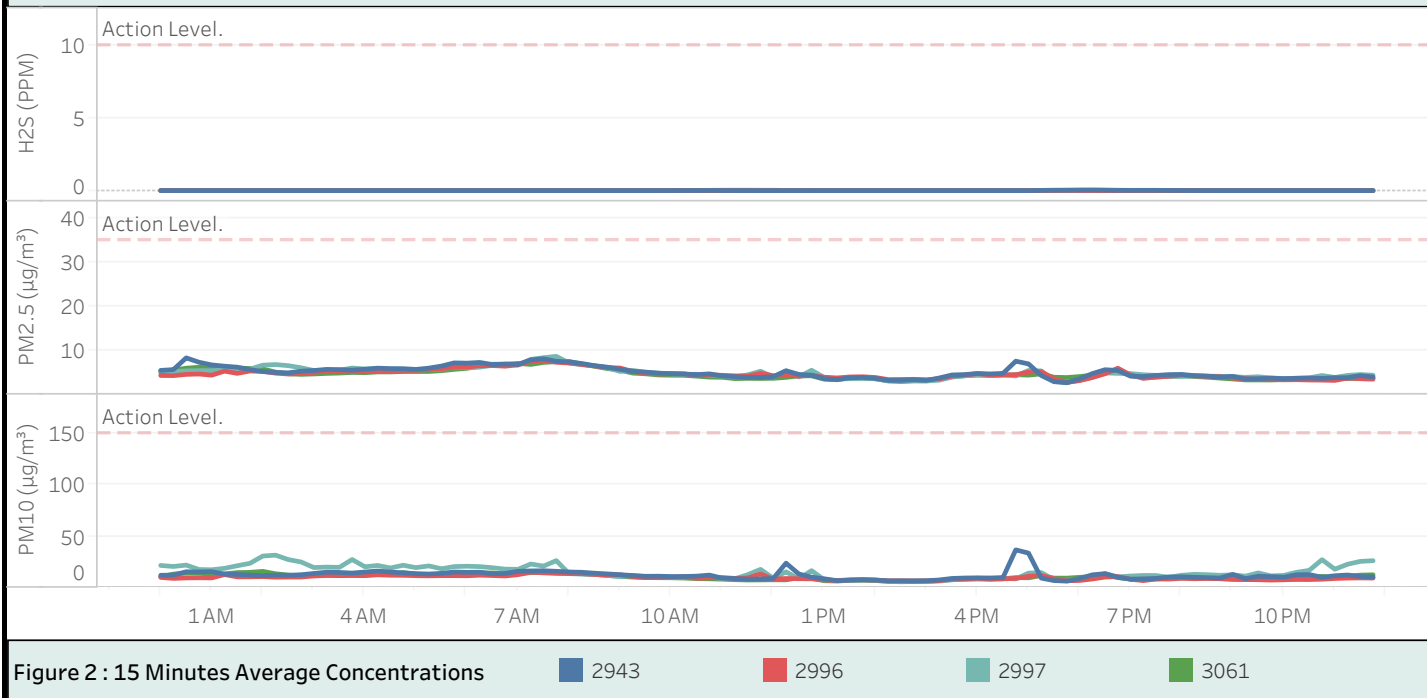


Figure 1 : Monitoring Locations





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Wind Rose Chart 2943

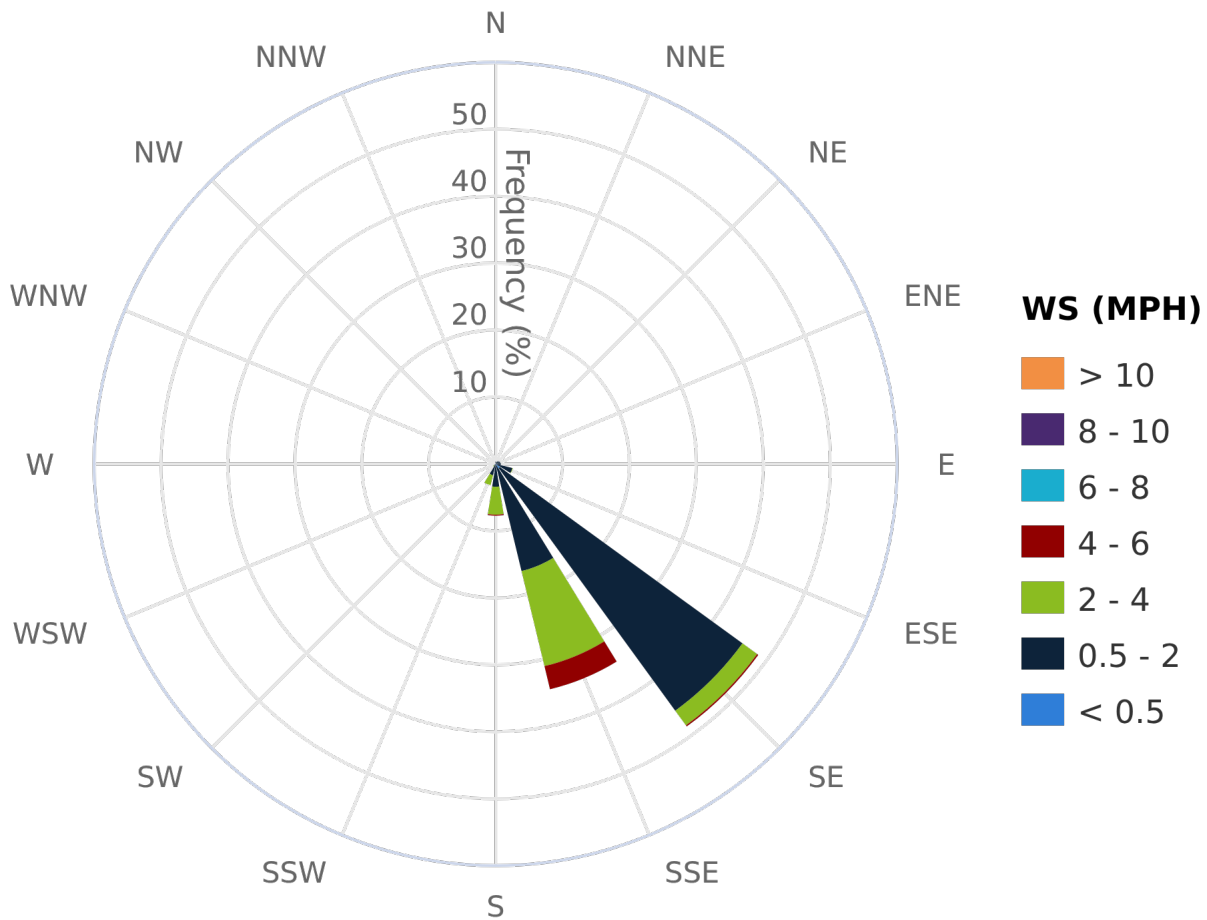


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

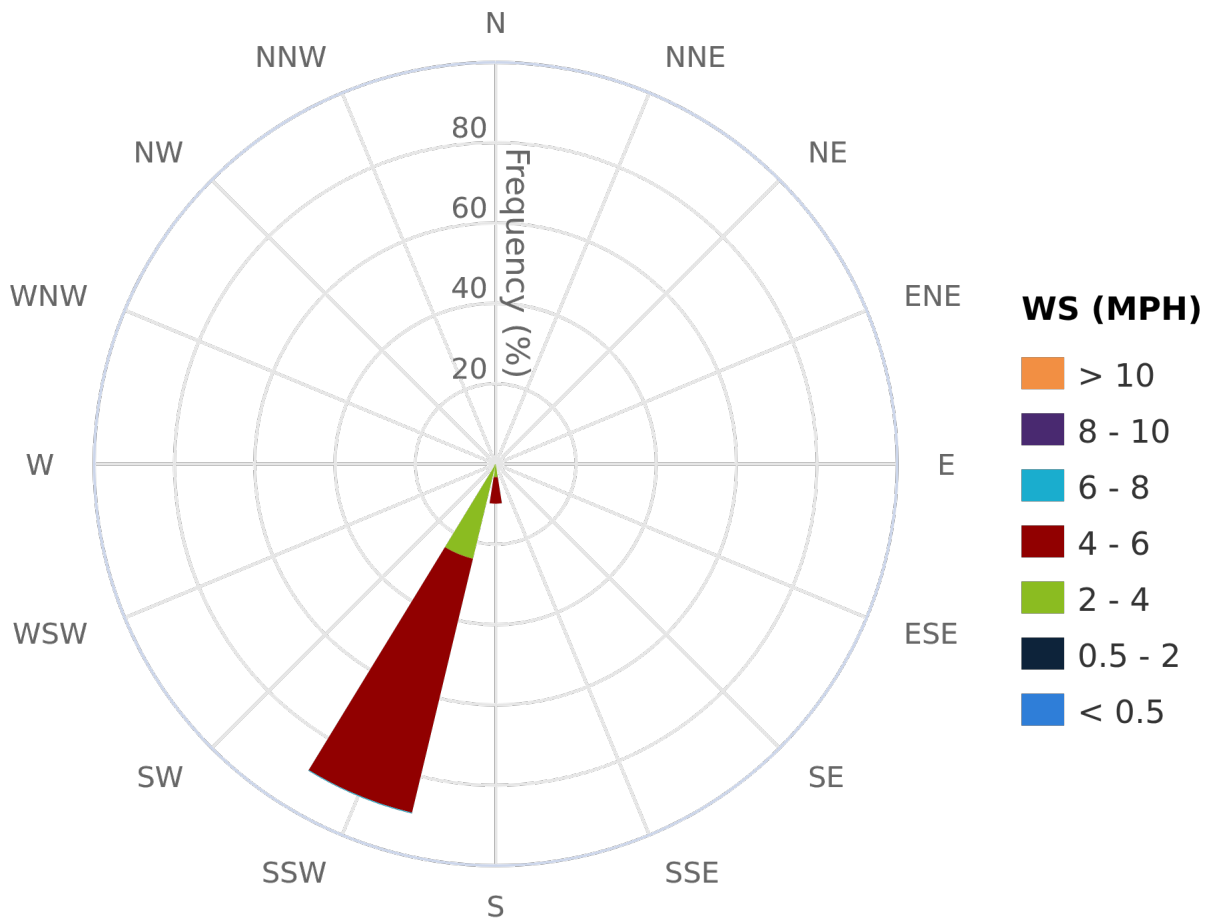


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

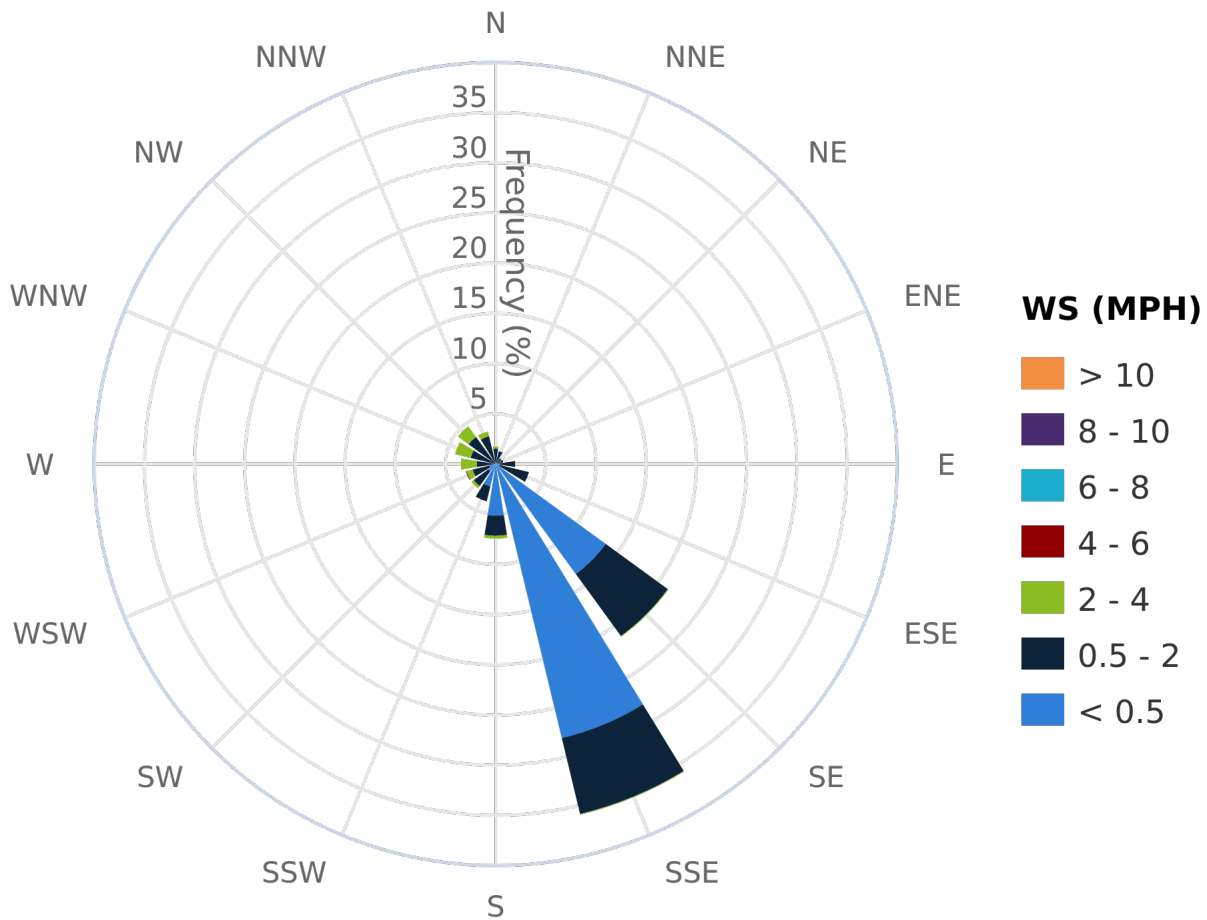


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

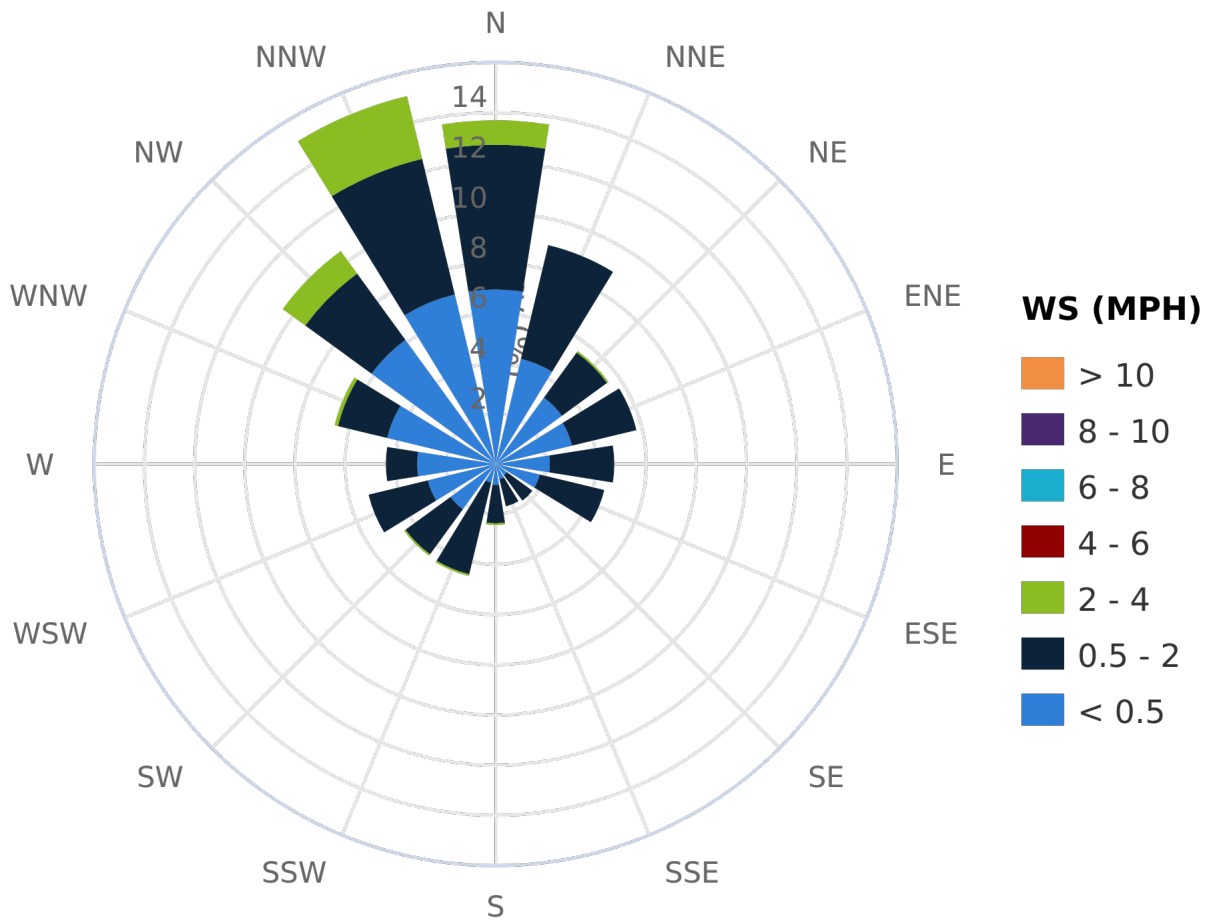


Figure 3 : Wind Rose Chart (WS in MPH)



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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	12.1	10.7	21.6	10.0	5.5	5.0	4.3	5.3	0.000	0.000	0.000	0.000
00:15:00	12.3	13.2	20.6	9.1	5.7	5.5	4.3	5.2	0.000	0.000	0.000	0.000
00:30:00	15.5	14.2	22.0	9.5	8.3	6.0	4.6	5.4	0.000	0.000	0.000	0.000
00:45:00	15.3	14.1	17.7	9.7	7.3	6.2	4.7	5.4	0.000	0.000	0.000	0.000
01:00:00	15.6	13.2	17.4	9.6	6.7	6.0	4.4	5.4	0.000	0.000	0.000	0.000
01:15:00	13.2	13.5	18.8	12.8	6.4	5.9	5.3	5.5	0.000	0.000	0.000	0.000
01:30:00	12.9	14.7	21.3	10.6	6.2	6.0	4.8	5.5	0.000	0.000	0.000	0.000
01:45:00	12.3	15.0	23.7	10.6	5.7	5.9	5.3	5.8	0.000	0.000	0.000	0.000
02:00:00	11.8	15.9	30.7	10.8	5.2	5.8	5.3	6.7	0.000	0.000	0.000	0.000
02:15:00	12.3	13.6	31.6	10.2	5.0	5.1	4.9	6.8	0.000	0.000	0.000	0.000
02:30:00	12.1	12.3	27.3	10.4	4.9	4.7	4.7	6.5	0.000	0.000	0.000	0.000
02:45:00	12.6	11.3	25.0	10.4	5.3	4.6	4.8	6.1	0.000	0.000	0.000	0.000
03:00:00	13.9	12.0	19.6	11.4	5.5	4.7	5.0	5.5	0.000	0.000	0.000	0.000
03:15:00	15.1	12.5	20.0	11.8	5.7	4.8	5.3	5.5	0.000	0.000	0.000	0.000
03:30:00	14.8	12.6	19.7	11.7	5.7	4.9	5.2	5.5	0.000	0.000	0.000	0.000
03:45:00	14.2	12.9	27.4	11.8	5.5	5.0	5.3	6.0	0.000	0.000	0.000	0.000
04:00:00	15.3	12.3	20.3	11.7	5.7	5.0	5.2	5.8	0.000	0.000	0.000	0.000
04:15:00	16.2	13.8	21.6	12.6	6.0	5.1	5.4	5.8	0.000	0.000	0.000	0.000
04:30:00	15.2	13.2	19.2	12.1	5.9	5.1	5.4	5.7	0.000	0.000	0.000	0.000
04:45:00	14.5	14.6	21.8	12.0	5.9	5.2	5.5	5.6	0.000	0.000	0.000	0.000
05:00:00	13.7	13.1	19.5	11.7	5.7	5.2	5.5	5.6	0.000	0.000	0.000	0.000
05:15:00	13.3	12.1	21.2	11.5	6.0	5.2	5.6	5.7	0.000	0.000	0.000	0.000
05:30:00	13.9	12.3	18.4	11.8	6.5	5.4	5.9	5.8	0.000	0.000	0.000	0.000
05:45:00	15.3	12.9	20.5	11.7	7.2	5.7	6.2	6.2	0.000	0.000	0.000	0.000
06:00:00	15.0	12.4	20.9	11.6	7.1	6.0	6.2	6.1	0.000	0.000	0.000	0.000
06:15:00	15.1	14.3	20.5	12.2	7.3	6.4	6.5	6.2	0.000	0.000	0.000	0.000
06:30:00	13.5	14.4	19.4	11.8	6.8	6.9	6.6	6.6	0.000	0.000	0.000	0.000
06:45:00	13.9	13.3	18.0	11.4	6.9	6.8	6.4	6.9	0.000	0.000	0.000	0.000
07:00:00	15.9	14.2	17.9	12.7	6.8	7.1	6.7	6.7	0.000	0.000	0.000	0.000
07:15:00	16.3	14.6	23.0	15.0	7.9	6.8	7.5	8.0	0.000	0.000	0.000	0.000
07:30:00	16.5	15.2	21.0	14.4	8.1	7.3	7.8	8.4	0.000	0.000	0.000	0.000
07:45:00	16.0	14.6	26.3	13.9	7.5	7.5	7.3	8.7	0.000	0.000	0.000	0.000
08:00:00	15.3	14.3	13.7	13.7	7.4	7.5	7.1	7.1	0.000	0.000	0.000	0.000
08:15:00	15.0	13.7	13.2	13.7	7.0	6.9	6.8	6.8	0.000	0.000	0.000	0.000
08:30:00	14.1	13.0	12.9	12.9	6.5	6.4	6.5	6.5	0.000	0.000	0.000	0.000
08:45:00	13.4	11.9	11.9	12.4	6.2	5.9	6.1	6.1	0.000	0.000	0.000	0.000
09:00:00	12.7	11.1	10.9	12.5	5.7	5.5	6.0	5.2	0.000	0.000	0.000	0.000
09:15:00	11.9	10.3	11.7	10.9	5.3	4.9	5.2	5.5	0.000	0.000	0.000	0.000
09:30:00	11.1	9.8	10.8	10.0	5.1	4.7	4.9	5.1	0.000	0.000	0.000	0.000
09:45:00	11.2	9.8	10.8	9.9	4.9	4.4	4.7	4.8	0.000	0.000	0.000	0.000
10:00:00	10.9	9.7	10.1	10.2	4.7	4.4	4.8	4.7	0.002	0.000	0.000	0.002
10:15:00	10.9	9.4	10.3	10.6	4.7	4.4	4.7	4.6	0.004	0.000	0.000	0.004
10:30:00	11.3	8.9	11.1	9.2	4.5	4.2	4.3	4.6	0.008	0.000	0.000	0.014
10:45:00	12.3	8.7	10.0	9.7	4.7	4.0	4.5	4.4	0.012	0.000	0.000	0.019
11:00:00	9.4	8.3	9.2	9.8	4.2	3.9	4.4	4.2	0.005	0.000	0.000	0.026
11:15:00	8.9	7.8	8.8	9.1	4.1	3.6	4.2	4.0	0.001	0.000	0.000	0.030
11:30:00	8.4	7.5	12.7	9.5	3.9	3.7	4.2	4.5	0.000	0.000	0.000	0.029
11:45:00	8.5	7.6	17.8	13.3	3.9	3.7	4.8	5.3	0.000	0.000	0.000	0.024



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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	9.0	7.7	9.1	8.5	4.0	3.7	4.3	4.0	0.000	0.000	0.000	0.023
12:15:00	23.9	7.7	15.4	9.0	5.4	3.9	4.4	5.4	0.000	0.000	0.000	0.013
12:30:00	13.4	9.7	8.8	8.8	4.6	4.2	4.2	4.0	0.000	0.000	0.000	0.011
12:45:00	10.3	9.1	16.6	8.7	4.4	4.3	4.4	5.5	0.000	0.000	0.000	0.018
13:00:00	8.7	6.8	7.7	7.5	3.6	3.5	3.9	3.9	0.000	0.000	0.000	0.009
13:15:00	6.9	6.5	6.8	7.0	3.4	3.4	3.8	3.5	0.000	0.000	0.000	0.014
13:30:00	7.4	7.3	6.9	7.7	3.8	3.8	4.0	3.6	0.000	0.000	0.000	0.004
13:45:00	7.8	7.2	7.7	7.8	3.9	3.7	4.0	3.7	0.000	0.000	0.000	0.000
14:00:00	7.5	7.0	7.2	7.5	3.7	3.6	3.9	3.6	0.000	0.000	0.000	0.000
14:15:00	6.7	6.3	6.1	6.7	3.2	3.1	3.4	3.1	0.000	0.000	0.000	0.000
14:30:00	6.7	5.8	6.1	6.8	3.2	3.0	3.4	3.1	0.000	0.000	0.000	0.000
14:45:00	6.7	6.1	6.4	6.6	3.3	3.1	3.5	3.1	0.000	0.000	0.000	0.000
15:00:00	6.8	6.0	6.2	6.8	3.2	3.1	3.4	3.1	0.000	0.000	0.000	0.000
15:15:00	7.6	6.9	6.5	6.9	3.8	3.5	3.6	3.3	0.000	0.000	0.000	0.000
15:30:00	9.0	7.9	7.7	8.2	4.4	4.1	4.2	4.0	0.000	0.000	0.000	0.000
15:45:00	9.5	8.3	8.5	8.5	4.5	4.3	4.4	4.3	0.000	0.000	0.000	0.000
16:00:00	9.6	8.5	8.8	9.3	4.8	4.4	4.7	4.4	0.000	0.000	0.000	0.000
16:15:00	9.5	8.4	8.7	8.4	4.7	4.3	4.4	4.4	0.000	0.000	0.000	0.000
16:30:00	9.9	8.7	9.1	8.6	4.8	4.4	4.5	4.5	0.000	0.000	0.000	0.000
16:45:00	36.7	9.8	8.6	9.1	7.6	4.5	4.5	4.2	0.000	0.000	0.000	0.000
17:00:00	33.6	9.6	14.2	11.1	6.9	4.4	5.1	5.5	0.000	0.000	0.000	0.001
17:15:00	9.3	11.9	14.7	11.9	4.3	4.7	5.2	5.4	0.016	0.004	0.000	0.005
17:30:00	7.0	9.4	7.6	8.7	2.9	3.9	3.6	3.0	0.028	0.007	0.006	0.001
17:45:00	6.4	9.3	7.3	6.8	2.7	3.9	2.8	2.8	0.032	0.007	0.010	0.000
18:00:00	8.9	10.1	8.2	7.1	3.6	4.1	3.2	3.2	0.044	0.007	0.010	0.000
18:15:00	12.5	10.8	10.8	8.5	4.8	4.4	3.9	3.9	0.048	0.006	0.005	0.000
18:30:00	13.7	12.5	13.7	10.4	5.6	5.5	4.7	4.9	0.037	0.005	0.001	0.000
18:45:00	10.1	9.9	10.5	10.8	5.5	5.5	6.0	4.8	0.023	0.003	0.000	0.000
19:00:00	8.3	8.4	11.4	8.2	4.2	4.3	4.4	4.8	0.019	0.004	0.000	0.000
19:15:00	8.6	8.0	11.9	6.9	4.1	3.9	3.7	4.5	0.021	0.003	0.000	0.000
19:30:00	9.1	8.5	11.9	8.5	4.3	4.0	4.0	4.4	0.020	0.002	0.000	0.000
19:45:00	10.5	9.1	10.1	8.4	4.5	4.1	4.2	4.1	0.013	0.001	0.000	0.000
20:00:00	10.6	9.5	12.2	9.2	4.6	4.3	4.4	4.1	0.007	0.000	0.000	0.000
20:15:00	10.2	9.5	13.0	8.7	4.3	4.1	4.2	4.2	0.003	0.000	0.000	0.000
20:30:00	9.8	9.4	12.7	9.0	4.2	3.9	4.1	4.2	0.001	0.000	0.000	0.000
20:45:00	9.4	8.9	12.1	8.7	4.0	3.7	4.0	4.1	0.000	0.000	0.000	0.000
21:00:00	13.0	8.6	12.6	8.1	4.1	3.5	3.7	4.1	0.000	0.000	0.000	0.000
21:15:00	8.8	8.0	11.3	7.9	3.6	3.3	3.6	3.9	0.000	0.000	0.000	0.000
21:30:00	11.2	8.9	14.4	7.8	3.6	3.3	3.5	4.0	0.000	0.000	0.000	0.000
21:45:00	10.7	9.4	11.5	7.4	3.7	3.3	3.4	3.8	0.000	0.000	0.000	0.000
22:00:00	10.2	9.5	12.0	7.7	3.6	3.4	3.3	3.6	0.000	0.000	0.000	0.000
22:15:00	12.6	9.5	15.0	8.0	3.7	3.6	3.4	3.7	0.000	0.000	0.000	0.000
22:30:00	12.8	9.7	16.9	8.0	3.8	3.6	3.3	3.8	0.000	0.000	0.000	0.000
22:45:00	10.1	11.0	27.2	8.3	3.7	3.6	3.3	4.3	0.000	0.000	0.000	0.000
23:00:00	11.6	9.9	17.9	9.0	3.8	3.6	3.2	3.9	0.000	0.000	0.000	0.000
23:15:00	12.3	11.1	22.8	9.4	3.8	3.6	3.7	4.3	0.000	0.000	0.000	0.000
23:30:00	11.0	12.3	25.5	9.5	4.3	3.7	3.6	4.5	0.000	0.000	0.000	0.000
23:45:00	10.5	12.6	26.2	9.4	4.0	3.7	3.5	4.4	0.000	0.000	0.000	0.000



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