



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-07-29

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.067 to 6.487	2943 SSE	3061 SSW	2996 NW	2997 NW	Min : 74.84 Max : 96.80	Min : 62.30 Max : 90.00	Min : 27.37 Max : 48.26

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	35.6	14.1	19.6	0.002	0.019
2996	22.7	33.8	14.2	20.4	0.000	0.002
2997	26.7	39.8	14.3	19.1	0.006	0.047
3061	24.2	40.6	14.9	33.4	0.000	0.001

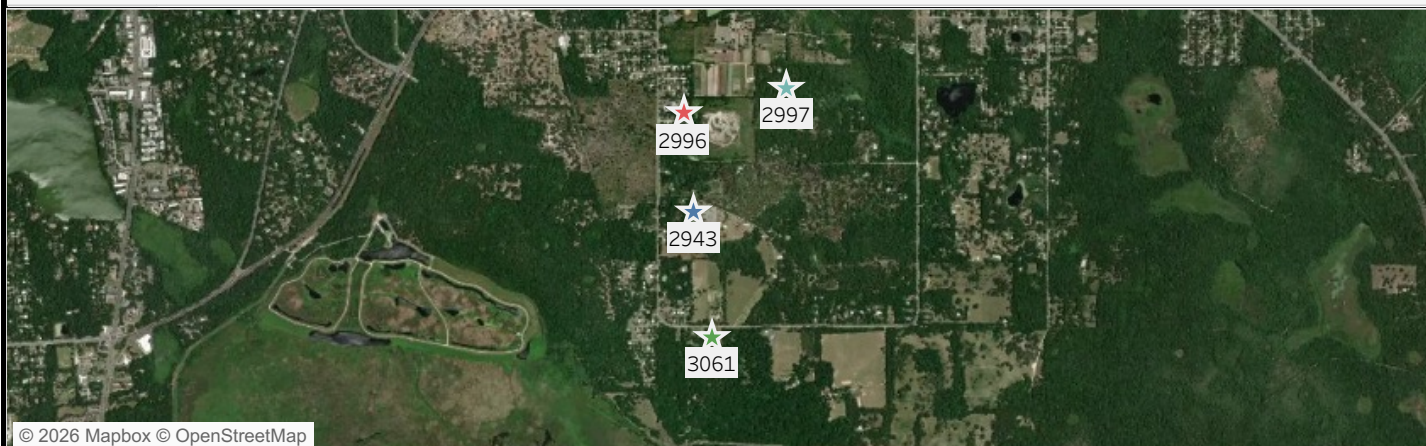
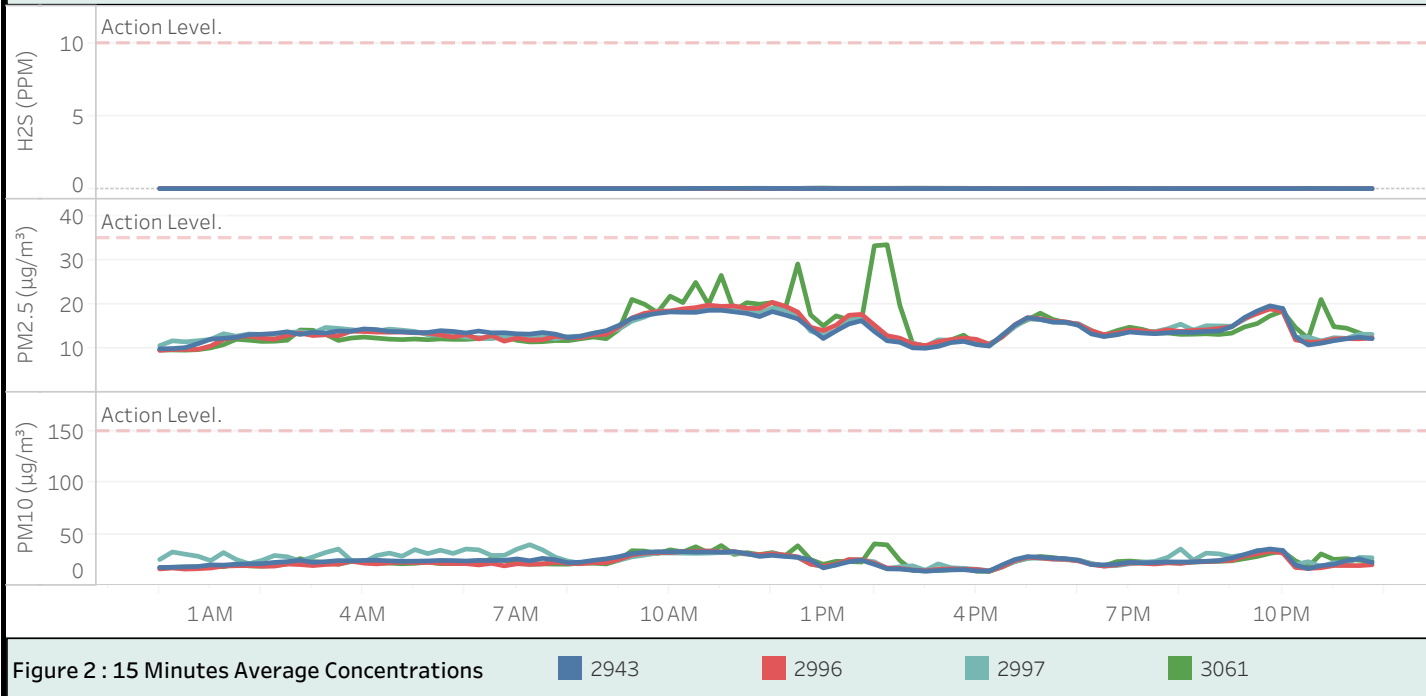


Figure 1 : Monitoring Locations





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Wind Rose Chart 2943

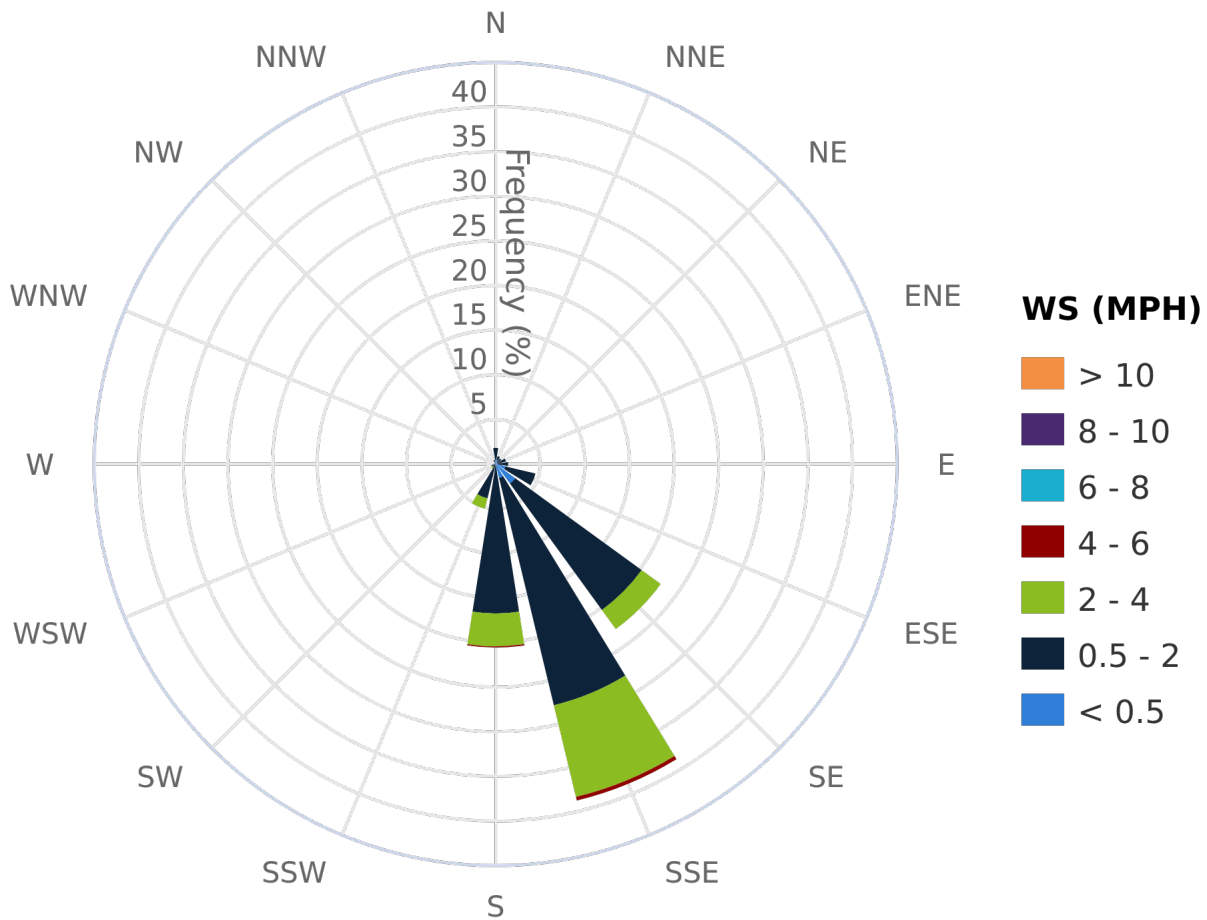


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

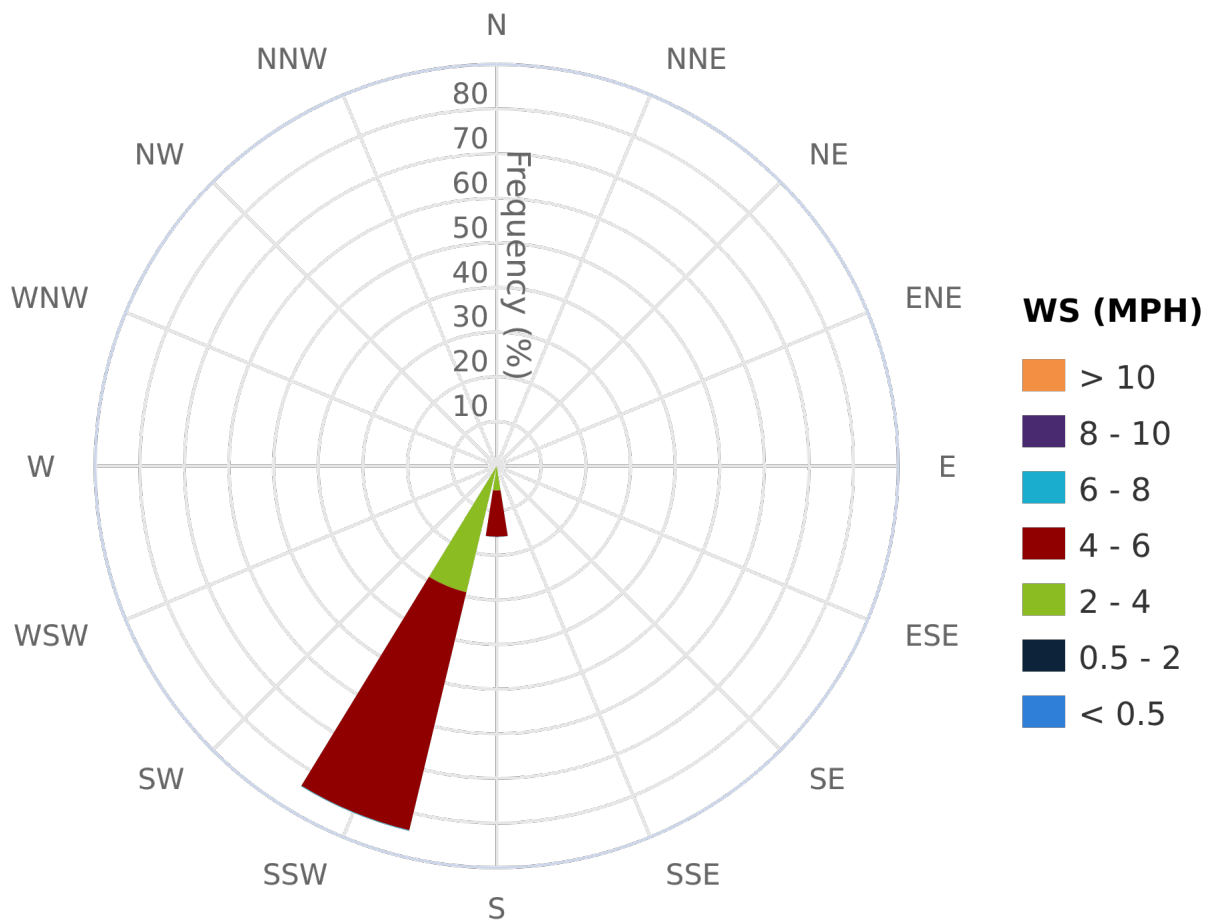


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

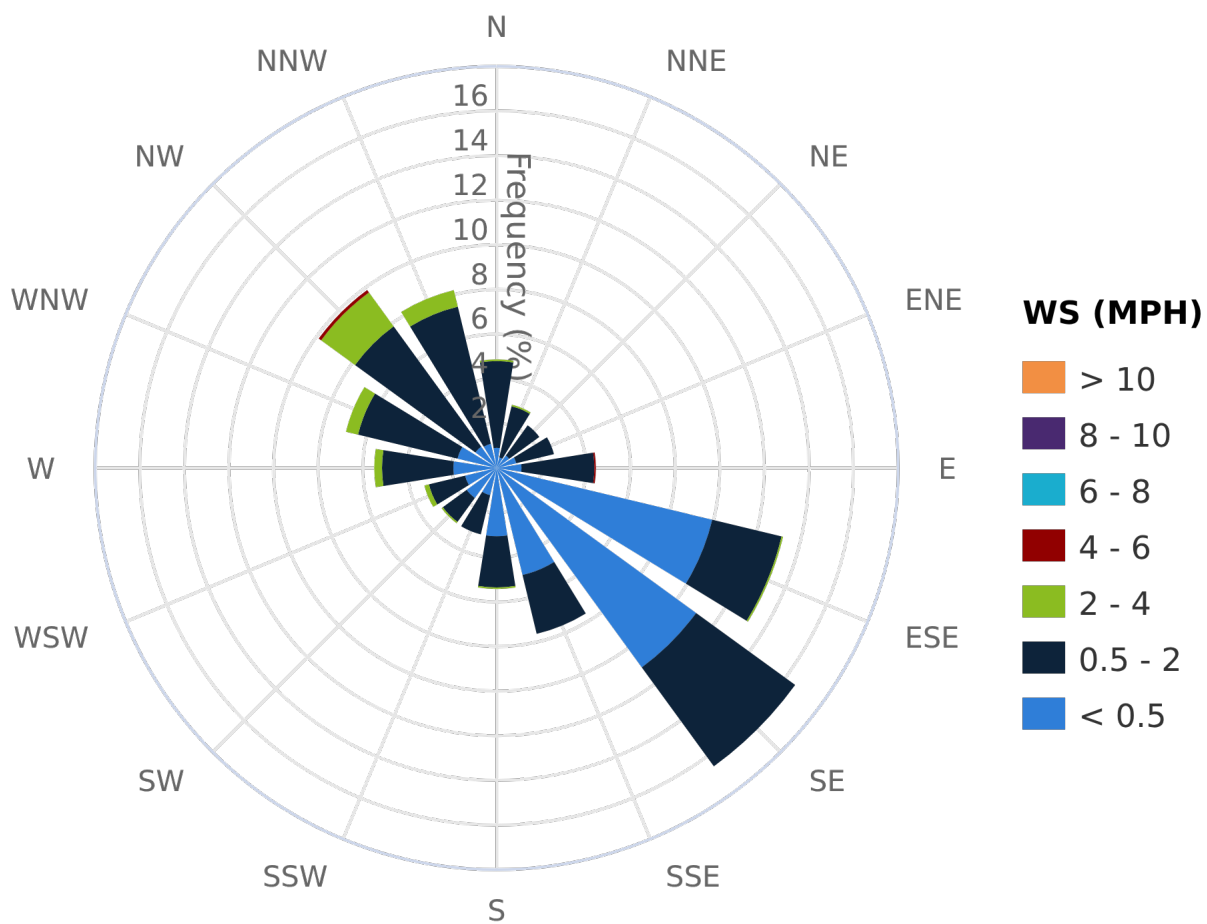


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

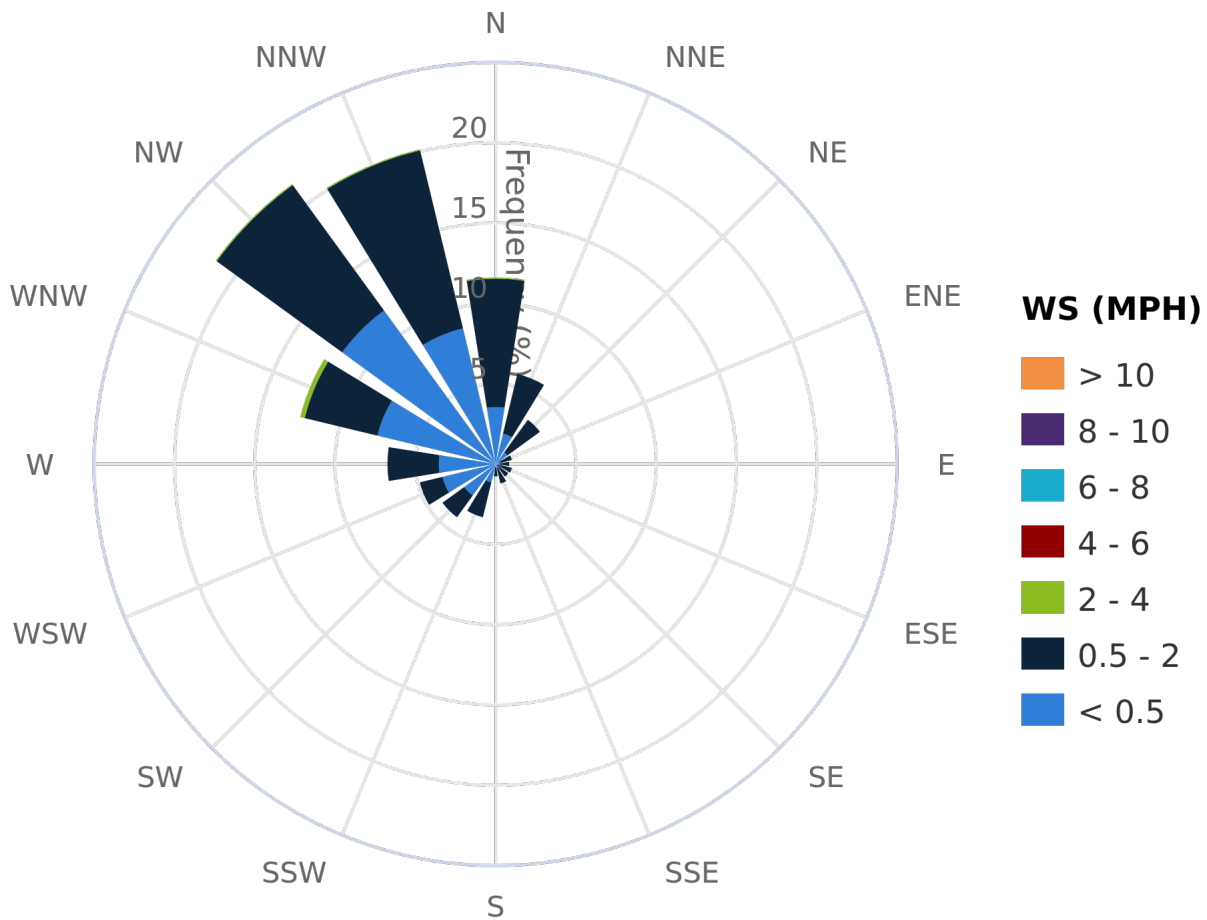


Figure 3 : Wind Rose Chart (WS in MPH)



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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	17.7	17.6	25.4	16.3	9.9	9.6	9.5	10.6	0.000	0.000	0.002	0.000
00:15:00	17.9	18.0	32.7	17.2	10.0	9.6	9.8	11.7	0.000	0.000	0.000	0.000
00:30:00	18.4	18.1	30.6	16.2	10.2	9.6	9.8	11.5	0.000	0.000	0.000	0.000
00:45:00	18.7	18.3	28.6	16.5	11.1	9.7	9.8	11.7	0.000	0.000	0.000	0.000
01:00:00	20.2	18.5	24.3	17.2	12.1	10.1	10.5	12.0	0.000	0.000	0.000	0.000
01:15:00	20.0	18.5	32.1	19.0	12.3	10.8	12.0	13.3	0.000	0.000	0.000	0.000
01:30:00	20.8	21.2	25.4	19.4	12.5	12.1	12.5	12.8	0.000	0.000	0.000	0.000
01:45:00	21.3	19.2	21.3	19.5	13.1	11.8	12.8	13.3	0.000	0.000	0.000	0.000
02:00:00	21.4	18.9	24.5	19.0	13.2	11.6	12.3	13.2	0.000	0.000	0.000	0.000
02:15:00	22.6	19.6	29.3	19.0	13.4	11.6	12.1	13.1	0.000	0.000	0.000	0.000
02:30:00	23.4	21.2	28.1	21.1	13.8	11.9	13.0	13.6	0.000	0.000	0.000	0.000
02:45:00	24.7	26.3	24.0	20.6	13.2	14.2	13.4	13.8	0.000	0.000	0.000	0.000
03:00:00	22.7	23.4	27.9	19.6	13.6	14.1	12.9	13.5	0.000	0.000	0.000	0.000
03:15:00	23.3	22.4	32.2	20.6	13.5	13.2	13.1	14.7	0.000	0.000	0.000	0.000
03:30:00	24.4	20.8	35.6	21.0	13.9	11.8	12.8	14.5	0.000	0.000	0.000	0.000
03:45:00	24.1	23.5	24.7	23.8	13.9	12.3	13.9	14.2	0.000	0.000	0.000	0.000
04:00:00	24.6	23.3	23.0	21.9	14.4	12.6	13.8	13.9	0.000	0.000	0.000	0.000
04:15:00	24.7	21.9	29.3	21.2	14.2	12.3	13.7	13.9	0.000	0.000	0.000	0.000
04:30:00	24.1	22.0	31.6	22.2	13.8	12.1	13.7	14.4	0.000	0.000	0.000	0.000
04:45:00	23.7	21.3	28.6	22.9	13.7	12.0	13.7	14.1	0.000	0.000	0.000	0.000
05:00:00	23.8	21.8	35.0	22.4	13.6	12.1	13.5	13.8	0.000	0.000	0.000	0.000
05:15:00	24.1	22.9	31.1	22.7	13.6	12.0	13.5	13.1	0.000	0.000	0.000	0.000
05:30:00	24.6	21.4	34.5	21.9	14.0	12.1	13.0	12.9	0.000	0.000	0.000	0.000
05:45:00	24.4	21.4	31.3	21.5	13.8	12.0	12.6	13.0	0.000	0.000	0.000	0.000
06:00:00	24.0	21.5	35.6	21.5	13.5	12.0	13.1	12.5	0.000	0.000	0.000	0.000
06:15:00	24.6	21.9	34.8	20.2	13.9	12.2	12.1	12.5	0.000	0.000	0.000	0.000
06:30:00	24.4	26.1	29.4	21.8	13.5	12.3	12.9	12.2	0.000	0.000	0.000	0.000
06:45:00	24.6	24.5	29.4	19.3	13.5	12.7	11.6	12.7	0.000	0.000	0.000	0.000
07:00:00	26.0	21.8	35.5	21.3	13.3	11.8	12.3	12.6	0.000	0.000	0.000	0.000
07:15:00	24.2	20.7	39.8	20.9	13.2	11.5	11.9	12.5	0.000	0.000	0.000	0.000
07:30:00	26.6	21.2	34.7	21.1	13.6	11.5	11.9	12.6	0.000	0.000	0.000	0.000
07:45:00	25.2	21.0	27.7	22.8	13.2	11.8	12.7	12.2	0.000	0.000	0.000	0.000
08:00:00	22.3	20.9	23.9	21.7	12.4	11.7	12.4	12.7	0.000	0.000	0.000	0.000
08:15:00	22.9	22.0	21.8	21.4	12.8	12.2	12.4	12.8	0.000	0.000	0.000	0.000
08:30:00	24.6	21.8	23.1	22.4	13.4	12.6	13.0	13.5	0.000	0.000	0.000	0.000
08:45:00	26.1	21.1	23.9	22.4	14.0	12.2	13.2	13.7	0.000	0.000	0.000	0.000
09:00:00	28.3	24.8	24.7	25.6	15.2	14.3	14.9	14.4	0.000	0.000	0.000	0.000
09:15:00	31.2	34.0	28.0	29.8	16.8	21.1	16.9	16.2	0.000	0.000	0.000	0.000
09:30:00	32.4	33.6	29.7	31.7	17.4	20.0	17.9	17.1	0.000	0.000	0.000	0.000
09:45:00	33.0	31.2	31.7	32.2	17.9	18.1	18.3	18.5	0.000	0.000	0.000	0.000
10:00:00	32.9	34.8	31.7	32.3	18.2	21.8	18.5	18.4	0.000	0.001	0.000	0.000
10:15:00	33.1	32.7	31.6	33.1	18.2	20.4	18.9	18.3	0.004	0.000	0.000	0.000
10:30:00	32.6	37.8	31.4	33.4	18.1	24.9	19.2	18.3	0.010	0.000	0.000	0.002
10:45:00	32.8	32.0	31.6	33.8	18.6	20.0	19.8	18.8	0.015	0.000	0.000	0.003
11:00:00	32.6	39.0	32.2	32.8	18.6	26.5	19.5	19.0	0.019	0.000	0.000	0.015
11:15:00	33.0	30.3	31.9	33.0	18.3	18.5	19.6	18.7	0.017	0.000	0.000	0.016
11:30:00	31.2	32.1	30.6	31.0	17.9	20.3	19.1	18.4	0.012	0.000	0.000	0.021
11:45:00	28.4	30.2	29.3	30.0	17.2	20.0	19.0	18.0	0.012	0.000	0.000	0.026



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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	29.5	32.2	31.3	31.0	18.3	20.3	20.4	19.1	0.008	0.000	0.000	0.021
12:15:00	28.4	29.0	29.5	29.8	17.6	18.8	19.6	18.6	0.013	0.000	0.000	0.011
12:30:00	27.6	38.7	27.3	28.0	16.7	29.1	18.2	17.5	0.008	0.000	0.000	0.016
12:45:00	25.1	25.4	21.1	20.9	14.4	17.6	14.8	13.9	0.000	0.000	0.000	0.037
13:00:00	17.3	20.7	18.4	19.0	12.2	15.1	14.0	12.9	0.000	0.000	0.000	0.047
13:15:00	20.2	23.7	20.0	20.8	14.0	17.4	15.2	14.0	0.000	0.000	0.000	0.027
13:30:00	23.2	23.5	25.4	25.4	15.5	16.5	17.5	16.6	0.002	0.000	0.000	0.024
13:45:00	24.7	23.0	24.8	25.2	16.3	16.4	17.7	16.6	0.000	0.000	0.000	0.023
14:00:00	20.8	40.6	23.3	21.8	13.8	33.2	15.3	14.6	0.000	0.000	0.000	0.026
14:15:00	16.4	39.6	16.5	17.2	11.7	33.4	12.9	11.9	0.000	0.000	0.000	0.023
14:30:00	16.2	24.5	18.5	16.8	11.4	19.7	12.3	11.9	0.000	0.000	0.000	0.030
14:45:00	15.0	15.0	19.3	15.3	10.1	11.1	11.0	11.2	0.000	0.000	0.000	0.034
15:00:00	14.2	14.3	15.0	14.6	10.0	10.6	10.6	10.4	0.000	0.000	0.000	0.033
15:15:00	14.8	15.0	21.2	15.9	10.4	11.0	11.5	11.9	0.000	0.000	0.000	0.028
15:30:00	15.4	15.6	17.5	16.3	11.3	11.9	12.0	11.9	0.000	0.000	0.000	0.025
15:45:00	15.6	17.0	16.9	15.9	11.6	13.0	12.3	12.1	0.000	0.000	0.000	0.024
16:00:00	14.4	14.1	16.0	15.8	10.9	10.9	12.0	11.9	0.000	0.000	0.000	0.017
16:15:00	14.3	13.9	14.6	14.2	10.5	10.7	10.9	11.0	0.000	0.000	0.000	0.019
16:30:00	20.1	18.1	18.4	18.4	13.0	12.6	12.6	12.5	0.003	0.000	0.000	0.013
16:45:00	25.4	23.4	23.4	24.4	15.3	15.1	15.3	14.9	0.001	0.001	0.000	0.001
17:00:00	28.2	26.4	26.8	27.6	16.9	16.4	16.9	16.7	0.000	0.001	0.000	0.000
17:15:00	27.6	28.4	26.6	27.0	16.5	18.0	16.7	16.5	0.000	0.001	0.000	0.000
17:30:00	26.7	27.3	25.9	25.8	15.9	16.5	16.1	16.0	0.000	0.000	0.000	0.000
17:45:00	26.3	25.7	25.2	25.7	15.9	15.8	16.0	15.8	0.000	0.001	0.000	0.000
18:00:00	24.7	24.4	24.8	24.0	15.2	15.5	15.4	15.6	0.000	0.000	0.000	0.000
18:15:00	20.4	21.2	21.7	20.7	13.3	13.9	14.0	14.1	0.000	0.000	0.000	0.000
18:30:00	20.2	19.3	19.2	19.0	12.7	13.0	13.1	12.8	0.001	0.000	0.000	0.006
18:45:00	21.0	23.4	19.5	20.3	13.1	14.0	13.4	13.1	0.004	0.000	0.000	0.008
19:00:00	22.7	24.0	21.2	22.1	13.7	14.8	14.2	13.8	0.001	0.000	0.000	0.001
19:15:00	22.2	23.0	22.6	21.7	13.5	14.3	14.0	13.9	0.001	0.001	0.000	0.000
19:30:00	22.5	22.2	23.6	21.1	13.3	13.5	13.7	13.8	0.002	0.000	0.000	0.000
19:45:00	23.1	22.4	27.6	22.2	13.5	13.5	14.2	14.5	0.002	0.000	0.000	0.001
20:00:00	23.0	22.1	35.6	21.6	13.7	13.2	13.8	15.5	0.000	0.000	0.000	0.000
20:15:00	23.1	23.0	24.9	23.1	13.6	13.2	14.1	14.1	0.000	0.000	0.000	0.000
20:30:00	23.7	23.5	31.6	23.3	13.8	13.3	14.2	15.1	0.000	0.000	0.000	0.000
20:45:00	24.4	23.6	30.9	24.1	13.9	13.1	14.5	15.1	0.000	0.000	0.000	0.000
21:00:00	26.8	24.2	28.2	24.7	14.9	13.4	14.9	15.0	0.000	0.000	0.000	0.000
21:15:00	30.2	26.2	30.0	28.7	17.0	14.8	16.8	16.5	0.000	0.000	0.000	0.000
21:30:00	33.7	28.3	34.2	30.9	18.5	15.6	17.9	18.2	0.000	0.000	0.000	0.000
21:45:00	35.6	31.4	33.8	33.6	19.6	17.3	18.9	18.9	0.000	0.000	0.000	0.000
22:00:00	34.2	33.4	34.4	31.8	19.0	18.4	18.3	19.1	0.000	0.000	0.000	0.000
22:15:00	20.1	24.1	20.6	17.7	12.6	14.7	11.9	12.5	0.000	0.000	0.000	0.007
22:30:00	16.5	18.5	23.3	16.8	10.8	12.2	11.4	12.6	0.010	0.001	0.000	0.015
22:45:00	19.5	30.9	18.5	17.4	11.2	21.1	11.5	11.7	0.003	0.001	0.000	0.010
23:00:00	20.7	25.5	22.4	19.6	11.7	14.9	12.1	12.4	0.002	0.001	0.000	0.006
23:15:00	24.4	26.3	21.4	19.6	12.2	14.6	12.2	12.3	0.000	0.001	0.000	0.001
23:30:00	26.0	24.7	27.5	19.5	12.5	13.5	12.2	13.2	0.000	0.001	0.000	0.000
23:45:00	22.5	23.9	27.1	20.4	12.2	12.3	12.4	13.2	0.000	0.000	0.000	0.000



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