



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-03-26

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.224 to 6.756	2943 ESE	3061 NNW	2996 SE	2997 NE	Min : 61.16 Max : 93.92	Min : 35.10 Max : 91.20	Min : 30.02 Max : 30.27

Table 2 : Monitoring Summary

Site Action Level :	PM10 : 150 µg/m ³	PM2.5 : 35 µg/m ³	H2S : 10 PPM			
AQ-SN	Avg. PM10 Daily (µg/m ³)	Max. PM10-15-min Avg (µg/m ³)	Avg. PM2.5 Daily (µg/m ³)	Max. PM2.5-15-min Avg (µg/m ³)	Avg. H2S Daily (PPM)	Max. H2S-15-min Avg (PPM)
2943	20.3	118.4	8.6	18.0	0.009	0.084
2996	13.2	32.9	7.8	16.6	0.009	0.075
2997	12.8	32.8	7.5	16.0	0.003	0.059
3061	13.0	29.9	7.6	17.1	0.000	0.003



Figure 1 : Monitoring Locations

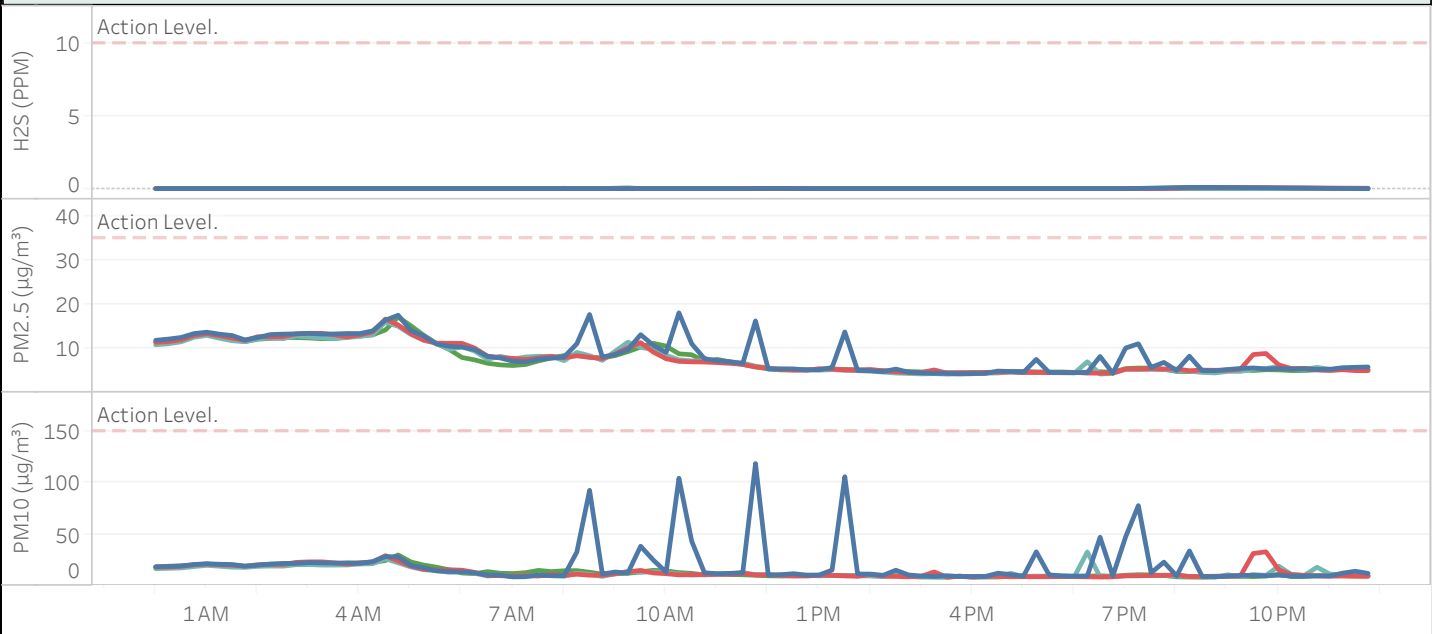


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2996 ■ 2997 ■ 3061



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Wind Rose Chart 2943

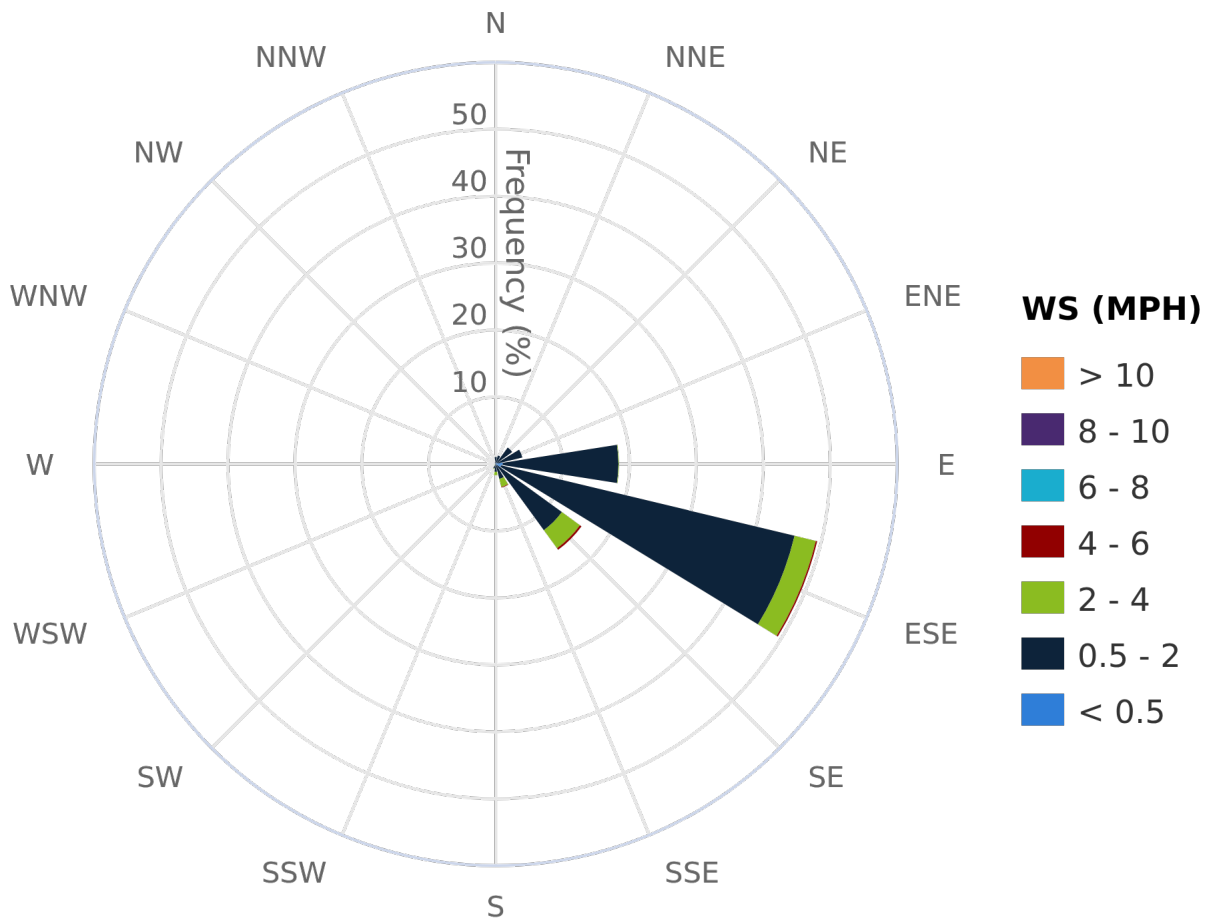


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

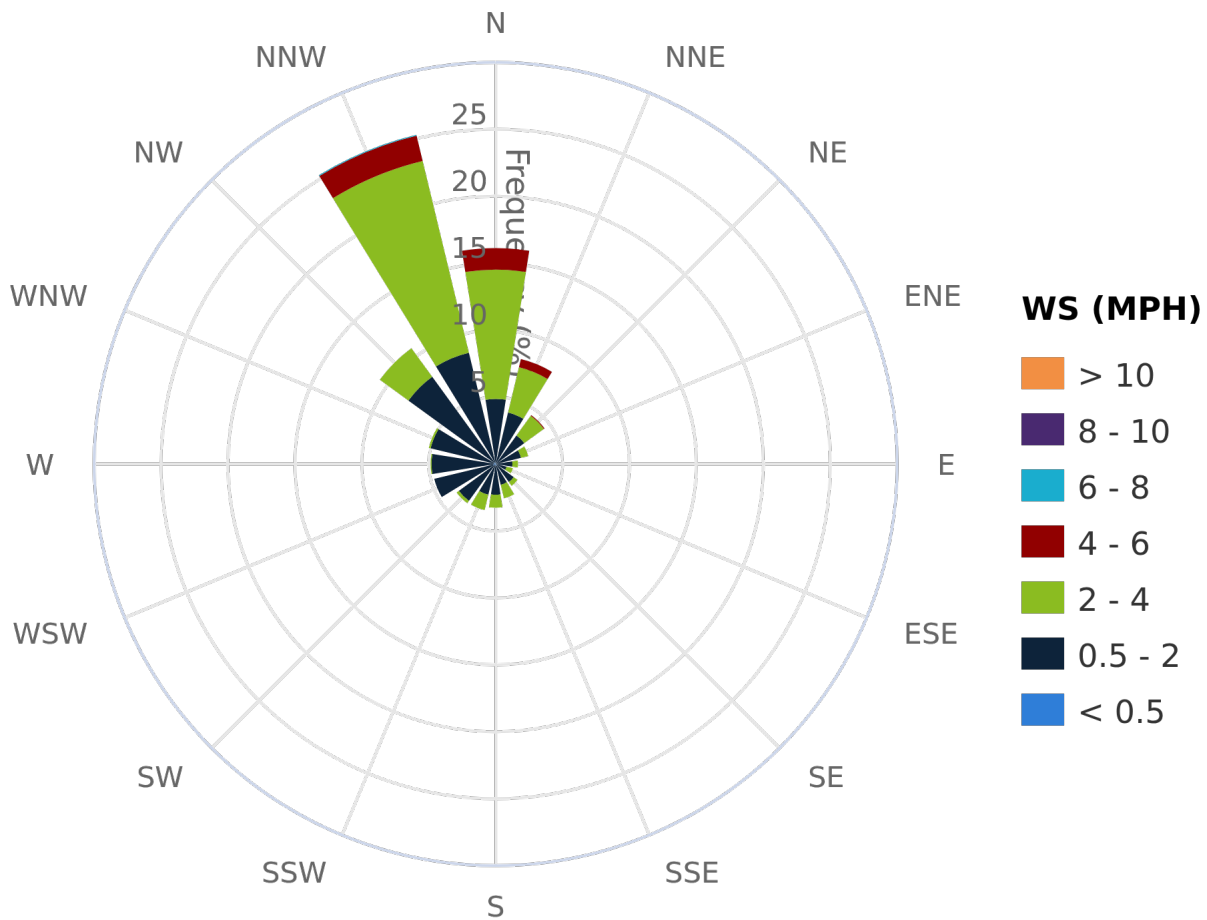


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

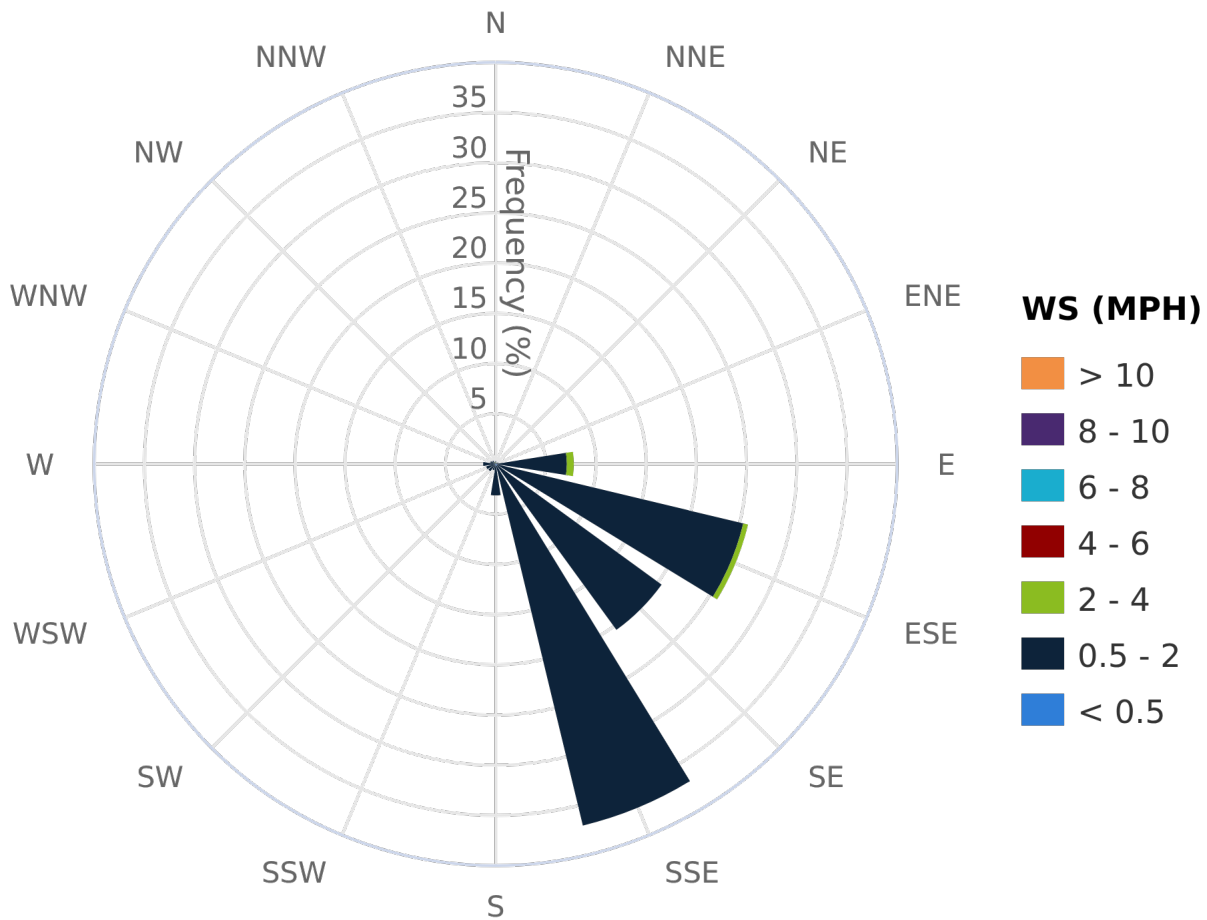


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

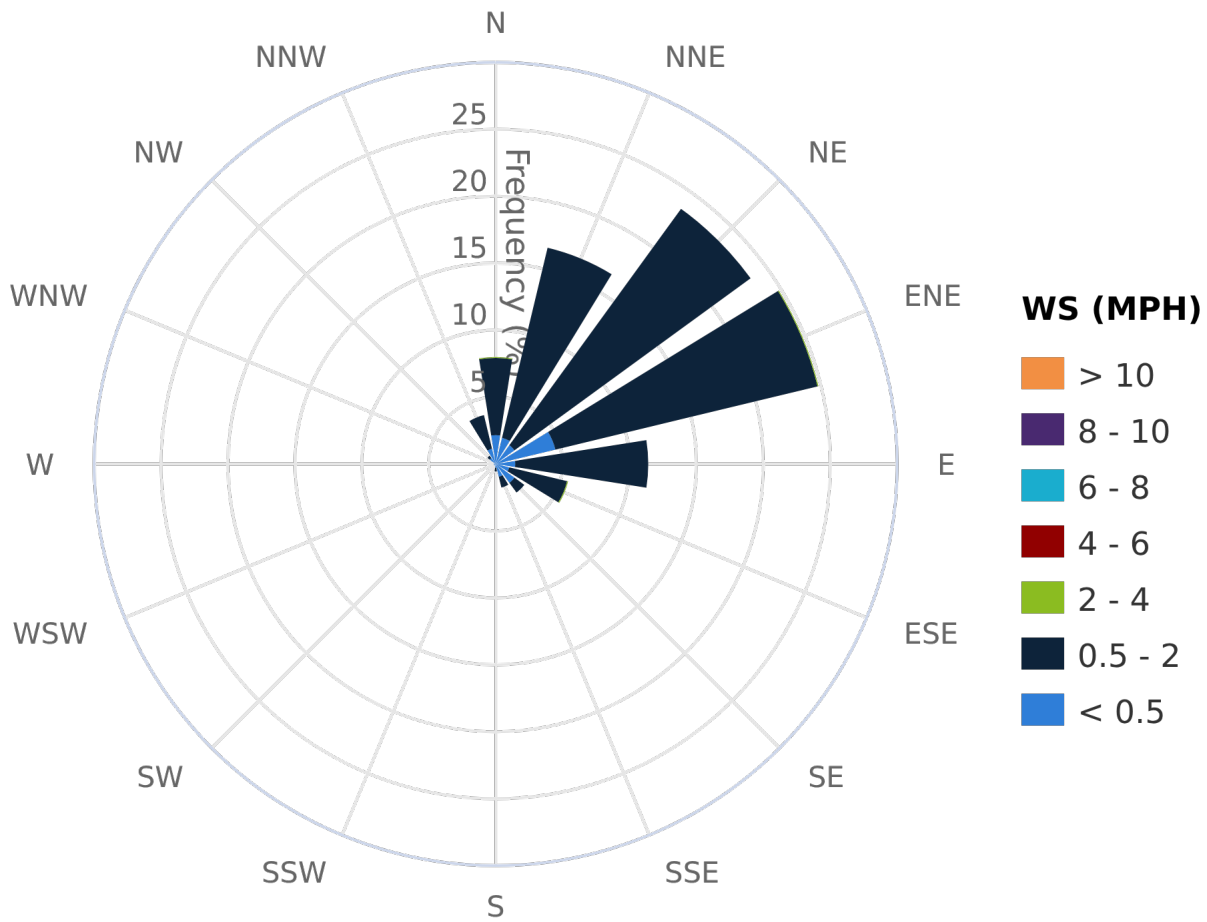


Figure 3 : Wind Rose Chart (WS in MPH)



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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	18.3	18.2	16.5	18.1	11.8	11.5	11.4	10.8	0.000	0.000	0.000	0.000
00:15:00	18.9	18.6	16.9	18.1	12.1	11.6	11.5	11.0	0.000	0.000	0.000	0.000
00:30:00	19.2	19.2	17.3	18.9	12.5	12.0	11.9	11.5	0.000	0.000	0.000	0.000
00:45:00	20.6	20.1	18.6	20.3	13.3	12.7	12.9	12.5	0.000	0.000	0.000	0.000
01:00:00	21.4	20.7	19.8	21.0	13.7	13.2	13.3	12.9	0.000	0.000	0.000	0.000
01:15:00	20.8	20.6	18.9	20.3	13.2	12.7	12.8	12.3	0.000	0.000	0.000	0.000
01:30:00	20.6	19.6	18.0	20.0	12.9	12.0	12.3	11.7	0.000	0.000	0.000	0.000
01:45:00	19.0	18.6	17.8	19.0	11.9	11.5	11.8	11.5	0.000	0.000	0.000	0.000
02:00:00	19.9	19.8	18.8	20.4	12.5	12.1	12.6	12.2	0.000	0.000	0.000	0.000
02:15:00	21.1	20.3	19.1	20.8	13.1	12.2	12.6	12.3	0.000	0.000	0.000	0.000
02:30:00	21.7	20.7	19.0	20.6	13.2	12.5	12.7	12.2	0.000	0.000	0.000	0.000
02:45:00	21.6	21.0	20.4	22.7	13.3	12.4	13.3	12.8	0.000	0.000	0.000	0.000
03:00:00	22.4	21.0	20.5	23.1	13.4	12.4	13.4	12.6	0.000	0.000	0.000	0.000
03:15:00	22.2	21.0	20.0	23.2	13.2	12.2	13.4	12.4	0.000	0.000	0.000	0.000
03:30:00	22.0	20.9	20.0	22.2	13.3	12.2	13.1	12.2	0.000	0.000	0.000	0.000
03:45:00	22.2	21.9	20.2	20.9	13.4	12.6	12.6	12.4	0.000	0.000	0.000	0.000
04:00:00	21.8	22.1	21.0	22.2	13.4	12.8	13.1	12.7	0.000	0.000	0.000	0.000
04:15:00	23.3	22.5	21.4	23.1	14.0	13.1	13.7	13.1	0.000	0.000	0.000	0.000
04:30:00	28.3	24.4	26.1	29.1	16.4	14.2	16.6	16.0	0.000	0.000	0.000	0.000
04:45:00	28.0	29.9	22.2	24.0	17.5	17.1	15.3	15.0	0.000	0.000	0.000	0.000
05:00:00	19.6	23.1	18.2	19.0	14.0	15.1	13.3	13.2	0.000	0.000	0.000	0.000
05:15:00	17.4	20.1	15.5	16.0	12.8	13.0	11.9	11.8	0.000	0.000	0.000	0.000
05:30:00	14.4	18.0	14.7	15.0	11.0	11.1	11.2	11.2	0.000	0.000	0.000	0.000
05:45:00	13.8	15.4	13.0	15.5	10.5	9.8	11.2	9.8	0.000	0.000	0.000	0.000
06:00:00	13.4	12.3	13.5	15.1	10.3	7.9	11.1	10.4	0.000	0.000	0.000	0.000
06:15:00	12.5	11.7	12.0	13.0	9.7	7.4	10.1	9.4	0.000	0.000	0.000	0.000
06:30:00	10.5	13.7	9.4	10.0	8.2	6.6	8.2	7.5	0.000	0.000	0.000	0.001
06:45:00	10.3	12.1	10.3	9.7	7.8	6.3	7.9	8.2	0.000	0.000	0.000	0.000
07:00:00	8.6	11.8	9.1	9.3	7.1	6.1	7.7	7.6	0.000	0.000	0.000	0.000
07:15:00	8.8	12.7	9.8	9.8	7.0	6.4	7.5	8.1	0.000	0.000	0.000	0.000
07:30:00	10.4	14.9	9.9	9.4	7.6	7.2	7.8	8.2	0.000	0.000	0.000	0.000
07:45:00	9.7	13.7	9.8	11.0	7.8	7.9	8.2	8.2	0.000	0.000	0.000	0.000
08:00:00	9.7	14.6	9.2	10.0	8.1	8.4	7.9	7.2	0.000	0.000	0.000	0.024
08:15:00	32.6	14.7	12.2	11.2	11.0	8.5	8.3	9.1	0.000	0.000	0.000	0.000
08:30:00	92.5	13.1	11.1	10.2	17.7	8.0	8.0	8.4	0.000	0.000	0.000	0.000
08:45:00	11.4	11.3	9.1	10.1	8.1	7.8	7.7	7.3	0.000	0.000	0.000	0.000
09:00:00	13.3	11.6		11.7	8.6	8.4	8.7		0.000	0.000	0.000	
09:15:00	12.3	12.1	13.9	13.6	9.7	9.3	10.2	11.4	0.000	0.000	0.000	0.059
09:30:00	38.3	13.5	13.0	14.9	13.1	10.3	11.3	10.2	0.000	0.000	0.000	0.000
09:45:00	24.8	15.0	13.6	12.4	10.7	11.1	9.2	9.7	0.000	0.000	0.000	0.000
10:00:00	13.3	14.4	12.7	11.7	9.1	10.5	7.7	8.4	0.000	0.000	0.000	0.000
10:15:00	104.2	12.7	11.3	10.5	18.0	8.8	7.1	7.4	0.000	0.000	0.000	0.000
10:30:00	43.2	12.0	10.3	10.7	11.0	8.6	7.0	7.2	0.000	0.000	0.000	0.000
10:45:00	12.6	10.5	10.7	10.8	7.7	7.1	6.9	7.2	0.000	0.000	0.000	0.000
11:00:00	11.7	11.4	11.3	11.0	7.2	7.5	6.8	7.2	0.000	0.000	0.000	0.000
11:15:00	12.1	10.9	11.6	11.2	7.0	6.9	6.6	6.9	0.000	0.000	0.000	0.000
11:30:00	12.6	10.6	12.8	11.9	6.6	6.4	6.4	6.7	0.001	0.000	0.000	0.000
11:45:00	118.4	10.2	10.7	10.6	16.2	5.8	5.8	6.0	0.006	0.001	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	10.4	9.6	10.9	10.5	5.3	5.4	5.5	5.6	0.007	0.001	0.000	0.007
12:15:00	10.8	9.4	9.7	10.0	5.4	5.1	5.2	5.2	0.013	0.000	0.000	0.015
12:30:00	11.7	9.7	10.2	9.5	5.4	5.2	5.1	5.2	0.005	0.000	0.000	0.017
12:45:00	10.3	9.9	10.3	9.4	5.1	5.2	5.1	5.2	0.000	0.000	0.000	0.020
13:00:00	10.5	9.7	9.6	10.2	5.2	5.3	5.4	5.1	0.000	0.000	0.000	0.011
13:15:00	15.2	10.1	9.9	10.0	5.7	5.3	5.3	5.2	0.000	0.000	0.000	0.007
13:30:00	105.6	10.0	9.7	9.5	13.7	5.2	5.1	5.1	0.000	0.000	0.000	0.002
13:45:00	11.4	9.6	9.7	9.2	5.0	5.2	5.1	5.0	0.000	0.000	0.000	0.000
14:00:00	11.3	9.7	9.6	10.9	5.0	5.1	5.2	4.8	0.000	0.000	0.000	0.000
14:15:00	10.2	9.3	9.1	9.4	4.7	4.9	4.9	4.6	0.000	0.000	0.000	0.000
14:30:00	15.1	9.6	11.1	9.0	5.3	4.8	4.7	4.4	0.000	0.000	0.000	0.000
14:45:00	10.5	9.2	8.9	8.7	4.6	4.8	4.6	4.3	0.000	0.000	0.000	0.000
15:00:00	9.5	8.9	8.3	9.2	4.5	4.7	4.6	4.2	0.000	0.000	0.000	0.000
15:15:00	9.0	8.7	8.3	13.4	4.4	4.5	5.1	4.3	0.000	0.000	0.000	0.000
15:30:00	9.8	8.5	8.3	8.3	4.3	4.5	4.4	4.2	0.000	0.000	0.000	0.000
15:45:00	9.0	9.2	9.0	9.4	4.2	4.5	4.5	4.2	0.000	0.000	0.000	0.000
16:00:00	9.0	8.8	8.3	8.3	4.3	4.6	4.4	4.2	0.000	0.000	0.000	0.000
16:15:00	9.0	8.6	8.4	9.1	4.3	4.5	4.6	4.4	0.000	0.000	0.000	0.000
16:30:00	12.2	8.5	8.7	9.2	4.9	4.6	4.6	4.4	0.000	0.000	0.000	0.000
16:45:00	10.8	9.2	12.1	8.7	4.8	4.8	4.6	4.7	0.000	0.000	0.000	0.000
17:00:00	9.4	9.3	8.7	8.8	4.6	4.8	4.6	4.5	0.000	0.000	0.000	0.000
17:15:00	32.9	9.1	9.4	8.7	7.5	4.7	4.6	4.5	0.000	0.000	0.000	0.000
17:30:00	10.6	9.4	8.9	8.8	4.6	4.7	4.5	4.5	0.000	0.000	0.000	0.000
17:45:00	9.6	9.4	9.3	8.9	4.6	4.7	4.6	4.5	0.000	0.000	0.000	0.000
18:00:00	9.4	9.0	9.2	8.8	4.5	4.6	4.6	4.4	0.000	0.000	0.000	0.000
18:15:00	9.5	9.2	32.8	8.6	4.5	4.6	4.4	7.0	0.000	0.000	0.000	0.000
18:30:00	47.0	9.7	8.5	8.6	8.2	4.7	4.4	4.2	0.000	0.000	0.000	0.000
18:45:00	9.5	9.2	8.7	8.7	4.4	4.6	4.4	4.4	0.000	0.000	0.000	0.000
19:00:00	47.3	10.2	9.6	9.7	10.1	5.4	5.3	5.3	0.000	0.000	0.000	0.000
19:15:00	77.7	10.7	9.6	9.8	11.1	5.6	5.4	5.2	0.015	0.001	0.000	0.002
19:30:00	12.5	10.5	10.0	9.9	5.7	5.5	5.4	5.3	0.033	0.003	0.000	0.009
19:45:00	22.9	9.9	10.3	10.0	6.8	5.3	5.3	5.2	0.057	0.003	0.006	0.014
20:00:00	9.5	8.6	9.4	10.7	5.0	4.8	5.3	5.0	0.072	0.003	0.032	0.017
20:15:00	33.8	8.4	9.1	8.9	8.2	4.8	5.0	4.8	0.084	0.003	0.058	0.019
20:30:00	9.1	8.3	8.4	9.1	5.0	4.8	5.1	4.6	0.084	0.002	0.070	0.019
20:45:00	8.8	8.7	8.4	9.3	5.0	4.9	5.1	4.5	0.082	0.002	0.075	0.015
21:00:00	9.4	9.1	10.7	9.4	5.2	5.1	5.1	4.8	0.078	0.001	0.075	0.016
21:15:00	10.0	9.2	8.8	9.5	5.5	5.2	5.3	4.8	0.072	0.002	0.075	0.011
21:30:00	10.1	8.9	10.9	31.3	5.6	5.0	8.6	5.3	0.065	0.000	0.071	0.005
21:45:00	9.8	9.4	10.1	32.9	5.3	5.2	8.9	5.5	0.057	0.000	0.067	0.000
22:00:00	10.2	11.2	19.0	15.4	5.4	5.1	6.3	5.9	0.050	0.000	0.061	0.000
22:15:00	9.4	8.9	10.9	10.8	5.3	5.0	5.4	5.4	0.041	0.000	0.055	0.000
22:30:00	9.4	8.9	10.0	10.2	5.4	5.0	5.5	5.3	0.034	0.000	0.051	0.000
22:45:00	9.5	9.8	18.0	9.6	5.3	5.1	5.2	5.7	0.024	0.000	0.046	0.000
23:00:00	9.5	9.7	11.3	9.2	5.3	5.1	5.0	5.3	0.016	0.000	0.039	0.000
23:15:00	12.2	10.2	10.7	9.4	5.6	5.3	5.2	5.2	0.007	0.000	0.033	0.000
23:30:00	14.1	10.1	12.4	9.1	5.7	5.3	5.0	5.5	0.002	0.000	0.029	0.000
23:45:00	12.0	9.7	9.7	9.1	5.8	5.2	5.0	5.2	0.000	0.000	0.024	0.000



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

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