



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-02-28

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.179 to 8.210	2943 ESE	3061 N	2996 SSE	2997 N	Min : 52.34 Max : 75.92	Min : 56.00 Max : 90.90	Min : 29.08 Max : 114.2

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	12.0	32.9	5.8	15.3	0.008	0.039
2996	11.4	32.2	5.8	16.0	0.000	0.001
2997	14.1	38.2	6.4	16.5	0.009	0.044
3061	12.7	38.6	5.9	12.9	0.001	0.003



Figure 1 : Monitoring Locations

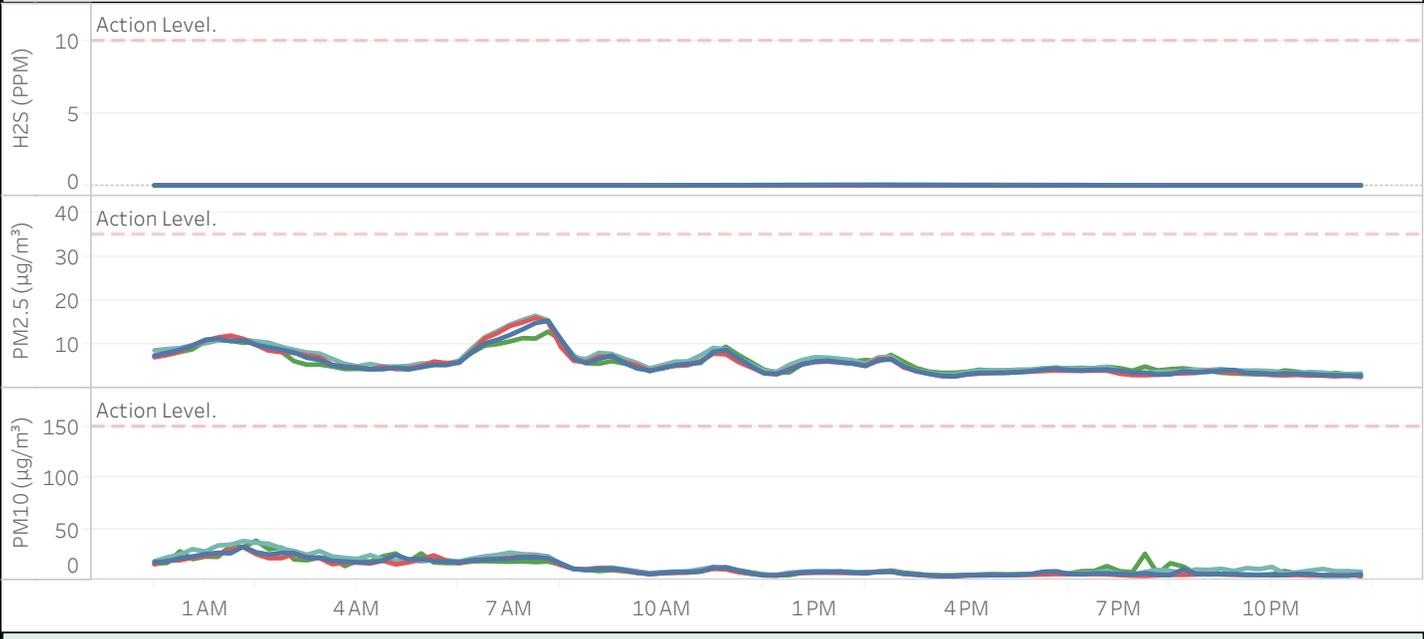


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2996 ■ 2997 ■ 3061



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Wind Rose Chart 2943

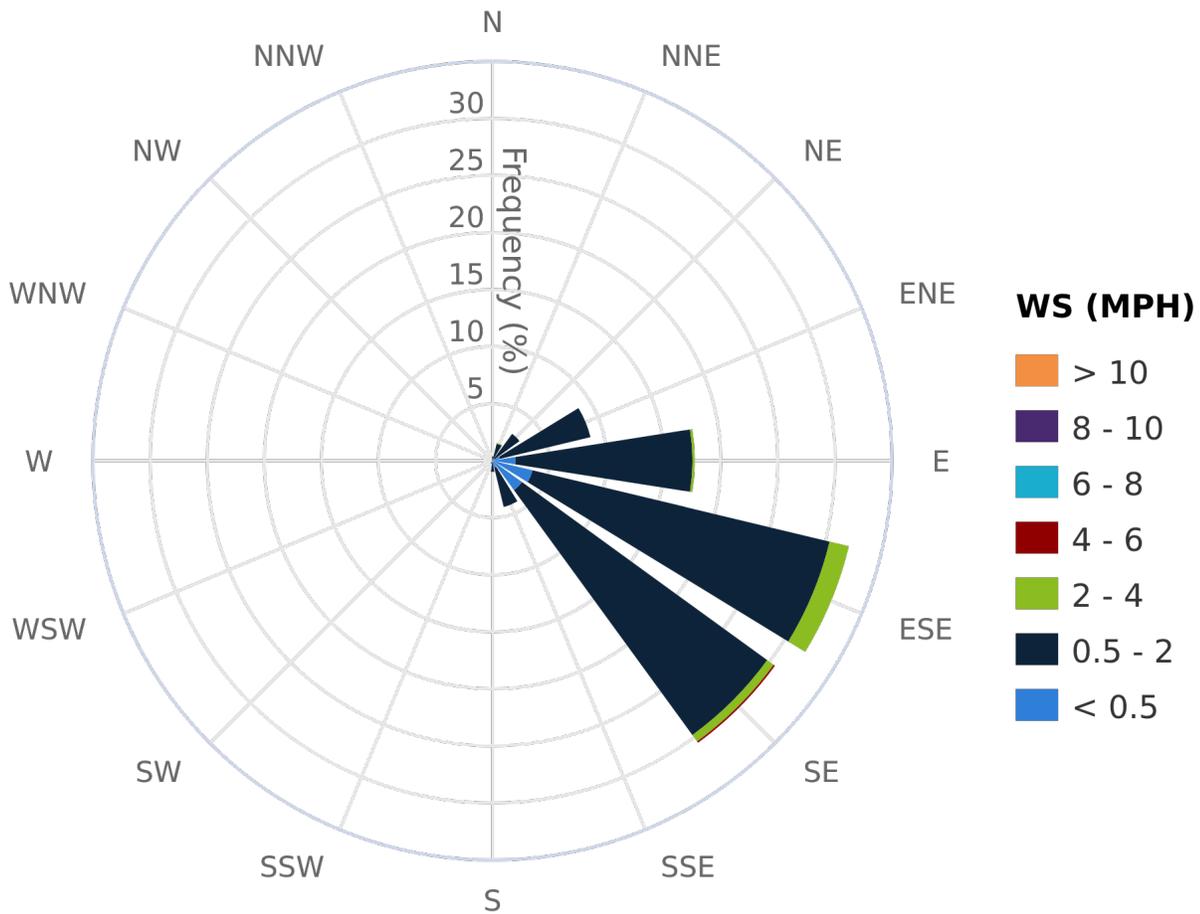


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

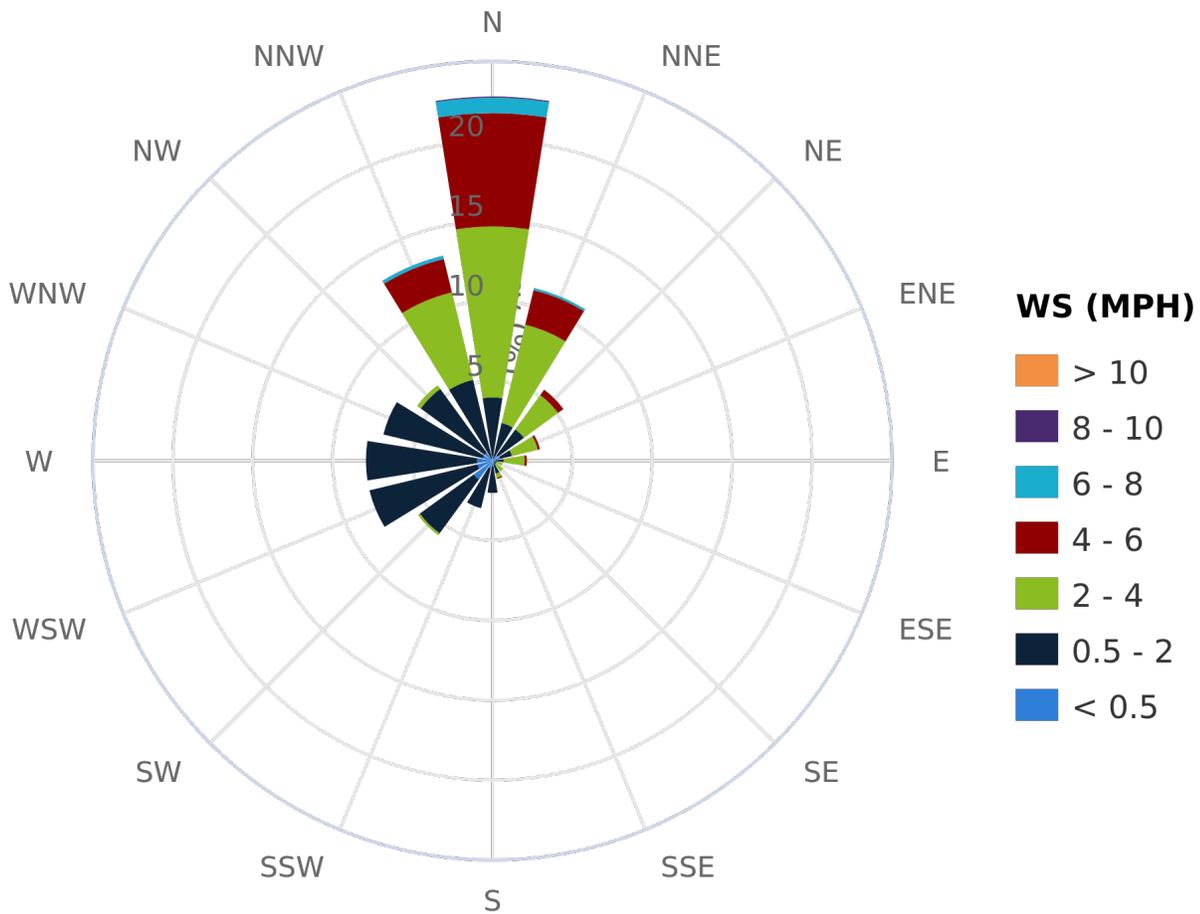


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

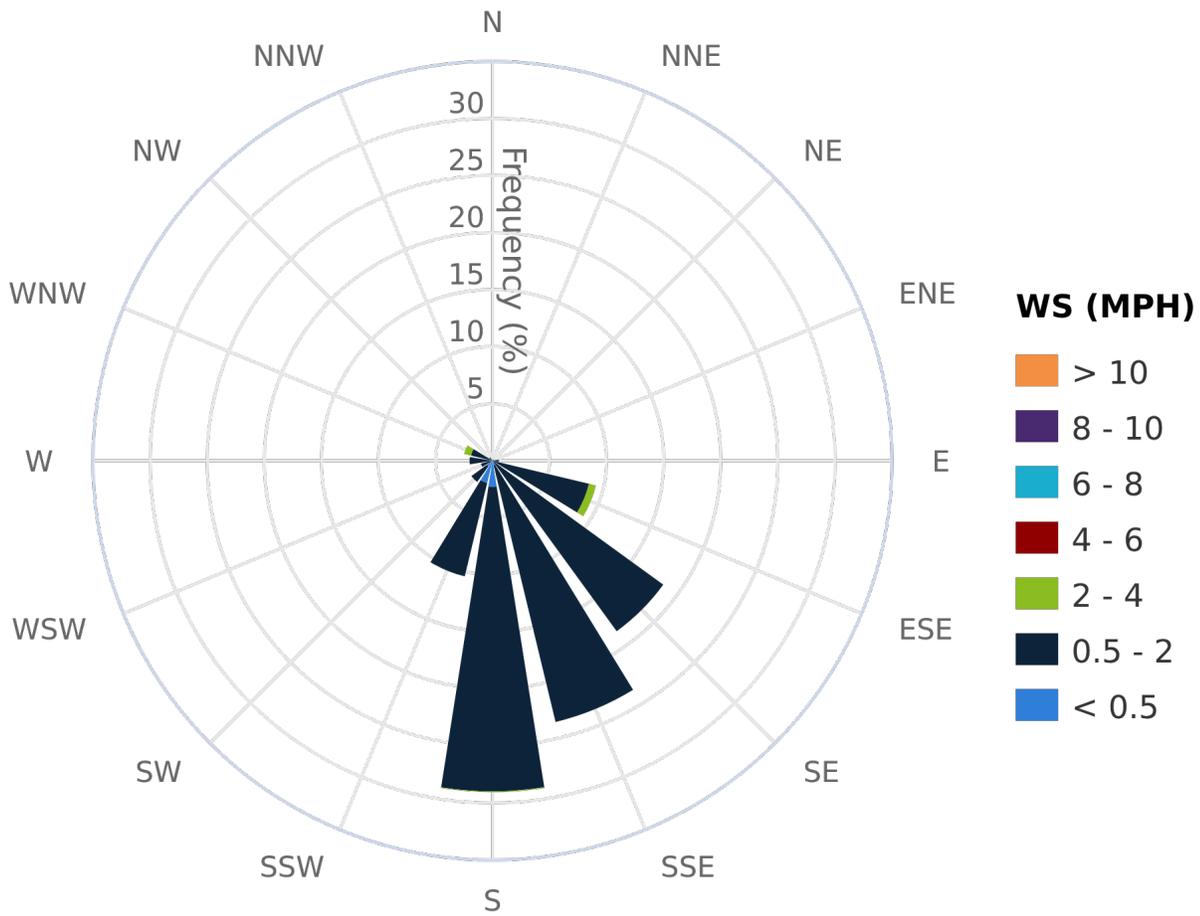


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

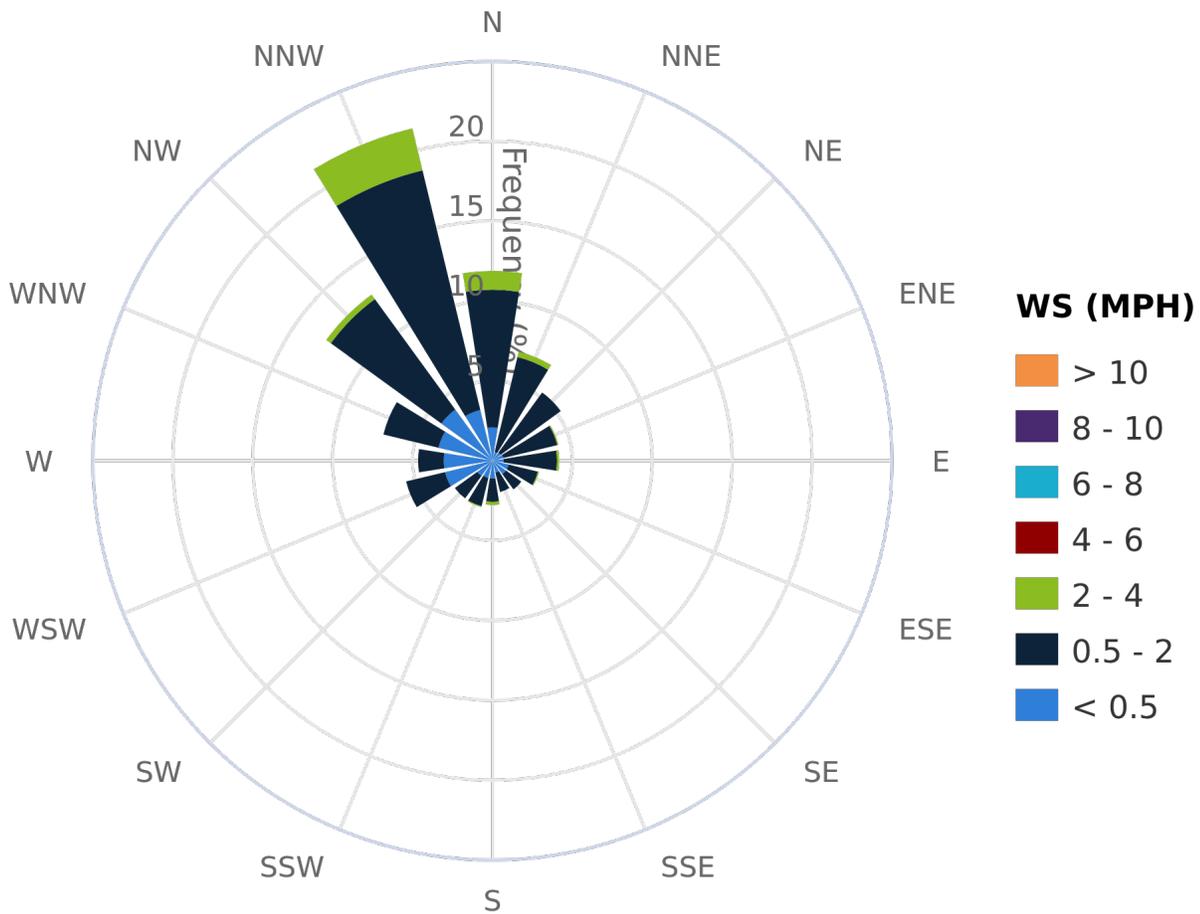


Figure 3 : Wind Rose Chart (WS in MPH)



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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	17.8	16.2	18.6	15.5	7.5	7.2	7.1	8.6	0.000	0.000	0.000	0.000
00:15:00	18.2	17.0	22.4	19.1	8.1	7.6	7.6	8.9	0.000	0.000	0.000	0.000
00:30:00	21.5	28.3	25.0	19.5	8.8	8.2	8.4	9.1	0.000	0.000	0.000	0.000
00:45:00	23.2	20.6	30.3	22.1	9.7	8.9	9.7	9.8	0.000	0.000	0.000	0.000
01:00:00	25.4	23.1	28.0	23.5	11.0	10.7	10.8	10.2	0.000	0.000	0.000	0.000
01:15:00	26.8	22.8	33.9	25.8	11.3	10.9	11.5	10.9	0.000	0.000	0.000	0.000
01:30:00	26.3	34.0	34.7	29.8	10.7	10.8	12.0	11.2	0.000	0.000	0.000	0.000
01:45:00	32.9	32.0	38.2	32.2	10.9	10.3	11.2	11.1	0.000	0.000	0.000	0.000
02:00:00	27.3	38.6	36.6	25.6	9.9	10.5	9.9	10.7	0.000	0.000	0.000	0.000
02:15:00	25.1	30.3	35.6	21.5	9.3	9.7	8.6	10.4	0.000	0.000	0.000	0.000
02:30:00	26.7	31.9	31.1	21.6	8.8	8.3	8.2	9.4	0.000	0.000	0.000	0.000
02:45:00	26.6	20.3	28.5	25.6	8.2	6.2	8.0	8.8	0.000	0.000	0.000	0.000
03:00:00	22.2	19.5	24.9	21.8	6.9	5.4	7.5	8.1	0.000	0.000	0.000	0.000
03:15:00	22.2	22.1	28.4	21.7	6.4	5.4	7.0	7.9	0.000	0.000	0.000	0.000
03:30:00	19.1	21.2	23.2	15.7	5.3	5.0	5.3	6.7	0.000	0.000	0.000	0.000
03:45:00	18.3	13.9	21.8	17.2	4.8	4.4	4.9	5.5	0.000	0.000	0.000	0.000
04:00:00	17.5	19.2	20.8	17.3	4.6	4.4	4.8	5.0	0.000	0.000	0.000	0.000
04:15:00	17.3	18.2	24.5	16.5	4.3	4.3	4.3	5.5	0.000	0.000	0.000	0.000
04:30:00	19.5	23.4	20.2	19.0	4.4	4.5	4.9	5.0	0.000	0.000	0.000	0.000
04:45:00	24.7	26.2	19.1	15.5	4.7	4.5	4.4	4.9	0.000	0.000	0.000	0.000
05:00:00	20.4	18.0	20.2	17.5	4.4	4.2	4.6	5.1	0.000	0.000	0.000	0.000
05:15:00	20.7	26.2	18.4	20.4	4.8	4.9	5.1	5.7	0.000	0.000	0.000	0.000
05:30:00	19.1	17.4	19.8	24.3	5.3	5.4	6.1	5.6	0.000	0.000	0.000	0.000
05:45:00	18.1	16.8	19.6	19.1	5.3	5.4	5.7	5.6	0.000	0.000	0.000	0.000
06:00:00	17.6	16.9	18.4	16.6	5.9	6.1	5.8	6.3	0.000	0.000	0.000	0.000
06:15:00	19.6	18.4	21.1	19.2	8.2	8.1	8.4	9.1	0.000	0.000	0.000	0.000
06:30:00	20.0	18.7	23.3	20.3	10.2	9.7	11.3	11.6	0.000	0.000	0.000	0.000
06:45:00	20.6	18.4	24.7	20.7	11.0	10.1	12.5	13.0	0.000	0.000	0.000	0.000
07:00:00	21.1	18.1	27.0	22.2	12.1	10.7	14.2	14.4	0.000	0.000	0.000	0.000
07:15:00	22.4	18.4	25.4	22.7	13.4	11.4	15.0	15.5	0.000	0.000	0.000	0.000
07:30:00	22.4	17.8	25.0	22.9	14.8	11.3	16.0	16.5	0.000	0.000	0.000	0.000
07:45:00	21.4	18.3	23.3	20.9	15.3	12.9	15.1	15.4	0.000	0.000	0.000	0.000
08:00:00	16.5	15.3	16.2	14.8	11.2	11.0	9.4	10.7	0.000	0.000	0.000	0.000
08:15:00	11.1	10.9	11.0	11.3	6.9	7.4	6.3	7.0	0.000	0.000	0.000	0.000
08:30:00	10.1	10.3	11.1	10.2	5.7	5.7	5.9	6.6	0.000	0.000	0.000	0.000
08:45:00	10.8	9.0	12.0	11.9	6.7	5.6	7.2	8.1	0.000	0.000	0.000	0.000
09:00:00	11.6	9.9	12.4	11.1	7.4	6.2	7.2	7.8	0.000	0.000	0.000	0.000
09:15:00	10.1	8.9	10.6	9.3	5.8	5.6	6.0	6.7	0.000	0.000	0.000	0.000
09:30:00	7.3	7.4	8.9	8.0	4.5	4.7	5.2	5.8	0.001	0.000	0.000	0.000
09:45:00	6.2	6.6	7.0	5.8	4.0	4.4	3.9	4.5	0.006	0.000	0.000	0.000
10:00:00	7.1	6.7	8.0	7.2	4.5	4.6	4.7	5.3	0.009	0.000	0.000	0.000
10:15:00	8.0	7.7	8.5	7.3	5.3	5.2	5.1	6.1	0.007	0.000	0.000	0.000
10:30:00	8.0	8.3	8.8	7.4	5.6	5.8	5.2	6.1	0.014	0.001	0.000	0.000
10:45:00	8.6	8.6	10.8	8.9	5.8	6.1	6.1	7.5	0.015	0.000	0.000	0.000
11:00:00	12.5	11.3	13.0	11.3	8.3	8.0	7.9	9.2	0.015	0.000	0.000	0.001
11:15:00	12.2	12.9	12.0	10.6	8.7	9.4	7.7	8.8	0.017	0.000	0.000	0.003
11:30:00	9.3	9.8	8.8	7.9	6.8	7.5	5.9	6.8	0.017	0.000	0.000	0.002
11:45:00	6.7	7.7	6.8	6.3	5.0	5.9	4.7	5.4	0.021	0.000	0.000	0.002



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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	4.9	5.6	5.5	4.8	3.4	4.2	3.5	4.0	0.026	0.001	0.000	0.007
12:15:00	4.8	4.9	5.4	4.6	3.2	3.6	3.2	3.8	0.029	0.000	0.000	0.010
12:30:00	6.1	5.1	7.5	6.2	4.2	3.6	4.4	5.3	0.030	0.001	0.001	0.007
12:45:00	7.7	7.3	8.4	7.1	5.4	5.5	5.5	6.4	0.029	0.001	0.000	0.011
13:00:00	8.0	8.1	8.9	7.4	6.0	6.4	6.0	7.1	0.035	0.001	0.001	0.018
13:15:00	7.9	8.3	8.9	7.5	6.3	6.7	6.1	7.0	0.036	0.001	0.001	0.020
13:30:00	8.6	7.9	8.5	7.2	5.9	6.4	5.9	6.7	0.039	0.002	0.000	0.022
13:45:00	7.3	7.7	8.5	7.2	5.6	6.1	5.6	6.4	0.039	0.002	0.000	0.025
14:00:00	6.9	8.1	7.4	6.7	5.0	6.4	5.2	5.6	0.039	0.002	0.000	0.028
14:15:00	8.2	8.0	8.7	8.5	6.3	6.1	6.7	7.0	0.036	0.003	0.000	0.033
14:30:00	8.4	9.6	8.8	8.3	6.6	7.6	6.7	7.2	0.035	0.003	0.000	0.040
14:45:00	6.5	7.5	6.8	6.1	5.0	6.0	4.7	5.1	0.026	0.002	0.000	0.042
15:00:00	5.6	6.3	5.5	5.4	3.9	4.6	3.9	4.0	0.028	0.003	0.000	0.044
15:15:00	4.8	5.1	4.9	4.5	3.3	3.8	3.3	3.6	0.024	0.003	0.000	0.044
15:30:00	4.3	4.8	4.4	4.0	2.8	3.5	2.8	3.1	0.020	0.003	0.000	0.041
15:45:00	4.3	4.9	4.7	3.9	2.7	3.5	2.7	3.0	0.016	0.002	0.000	0.041
16:00:00	5.2	5.2	5.1	4.6	3.3	3.8	3.1	3.7	0.014	0.002	0.000	0.039
16:15:00	4.9	5.6	5.5	4.8	3.5	4.2	3.4	4.0	0.011	0.002	0.000	0.039
16:30:00	5.0	6.2	5.7	5.0	3.5	4.0	3.5	4.1	0.010	0.002	0.000	0.038
16:45:00	5.0	5.8	5.5	5.0	3.5	4.1	3.5	4.0	0.002	0.002	0.000	0.035
17:00:00	5.5	5.6	6.2	5.2	3.6	4.1	3.7	4.2	0.001	0.002	0.000	0.034
17:15:00	6.1	6.1	6.0	5.3	3.9	4.2	3.8	4.2	0.003	0.002	0.000	0.031
17:30:00	8.4	6.6	6.9	5.7	4.3	4.5	3.9	4.5	0.009	0.002	0.000	0.031
17:45:00	8.8	6.9	7.3	6.0	4.5	4.5	4.1	4.7	0.015	0.002	0.000	0.029
18:00:00	6.3	6.7	6.6	5.9	4.1	4.5	4.0	4.4	0.017	0.002	0.000	0.026
18:15:00	6.0	8.9	6.9	5.8	4.0	4.6	4.0	4.5	0.018	0.001	0.000	0.022
18:30:00	6.8	9.1	7.7	6.0	4.2	4.6	4.0	4.6	0.016	0.000	0.000	0.018
18:45:00	6.6	13.8	8.9	5.9	4.3	4.9	4.0	4.9	0.010	0.001	0.000	0.014
19:00:00	6.3	8.9	6.8	5.0	4.0	4.6	3.3	4.0	0.007	0.000	0.000	0.013
19:15:00	5.7	7.8	5.7	4.6	3.6	4.0	3.0	3.4	0.006	0.000	0.000	0.012
19:30:00	6.8	25.8	8.2	4.4	3.6	4.9	3.0	3.4	0.005	0.001	0.000	0.012
19:45:00	5.4	6.4	10.1	4.8	3.1	4.0	3.1	3.7	0.001	0.001	0.000	0.006
20:00:00	5.0	16.7	9.2	5.3	3.2	4.3	3.3	3.8	0.000	0.000	0.000	0.004
20:15:00	10.9	13.4	7.1	5.3	3.8	4.5	3.4	3.9	0.000	0.000	0.000	0.004
20:30:00	6.3	6.8	10.5	5.7	3.6	4.2	3.5	4.2	0.000	0.001	0.000	0.002
20:45:00	5.7	9.0	10.1	6.1	3.7	3.9	3.9	4.1	0.000	0.000	0.000	0.000
21:00:00	6.1	5.8	11.2	5.8	4.1	3.5	3.9	4.4	0.000	0.000	0.000	0.000
21:15:00	6.0	5.6	9.2	5.5	4.1	3.4	3.6	4.1	0.000	0.000	0.000	0.000
21:30:00	5.3	5.6	11.9	5.3	3.5	3.3	3.4	4.0	0.000	0.000	0.000	0.000
21:45:00	5.3	5.2	10.8	5.1	3.5	3.2	3.3	4.0	0.000	0.000	0.000	0.000
22:00:00	5.2	6.0	13.0	4.8	3.2	3.4	3.0	3.9	0.000	0.000	0.000	0.000
22:15:00	5.1	9.1	6.5	5.0	3.4	4.1	2.9	3.5	0.000	0.000	0.000	0.002
22:30:00	6.3	6.5	7.8	5.1	3.3	3.8	3.0	3.5	0.000	0.000	0.000	0.002
22:45:00	6.1	4.9	9.5	4.8	3.2	3.1	2.9	3.7	0.000	0.000	0.000	0.002
23:00:00	4.6	5.0	11.0	4.7	3.0	3.2	2.9	3.6	0.000	0.000	0.000	0.000
23:15:00	4.8	5.3	8.8	4.4	3.0	3.5	2.7	3.3	0.000	0.000	0.000	0.000
23:30:00	4.4	6.6	8.9	5.0	2.8	3.1	2.9	3.2	0.000	0.000	0.000	0.000
23:45:00	5.9	3.9	8.3	4.6	2.9	2.6	2.6	3.3	0.000	0.000	0.000	0.001



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

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