



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-02-06

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.157 to 7.449	2943 E	3277 S	2996 W	2997 NW	Min : 27.68 Max : 71.06	Min : 26.50 Max : 86.90	Min : 29.91 Max : 30.93

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	12.2	21.3	8.0	16.9	0.002	0.035
2996	9.9	20.6	6.6	12.0	0.001	0.011
2997	11.8	32.2	7.7	13.1	0.002	0.035
3277	13.5	27.2	11.0	25.5	0.001	0.013



Figure 1 : Monitoring Locations

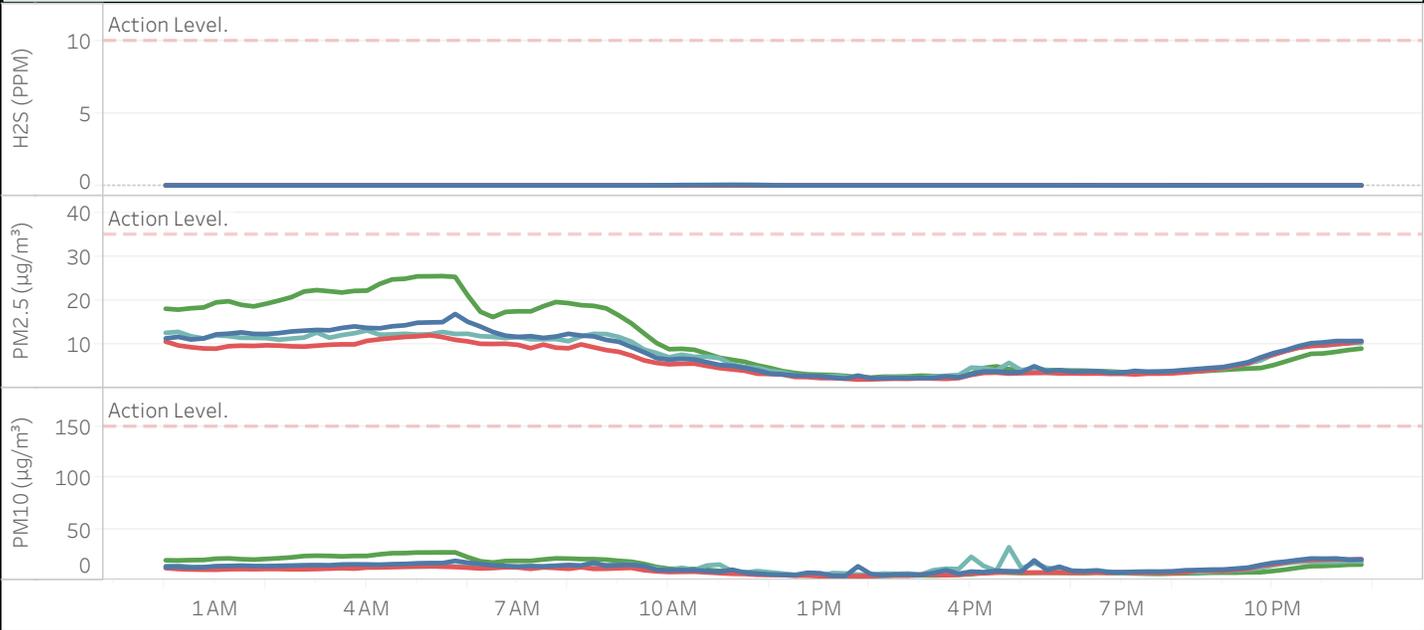


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2996 ■ 2997 ■ 3277



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Wind Rose Chart 2943

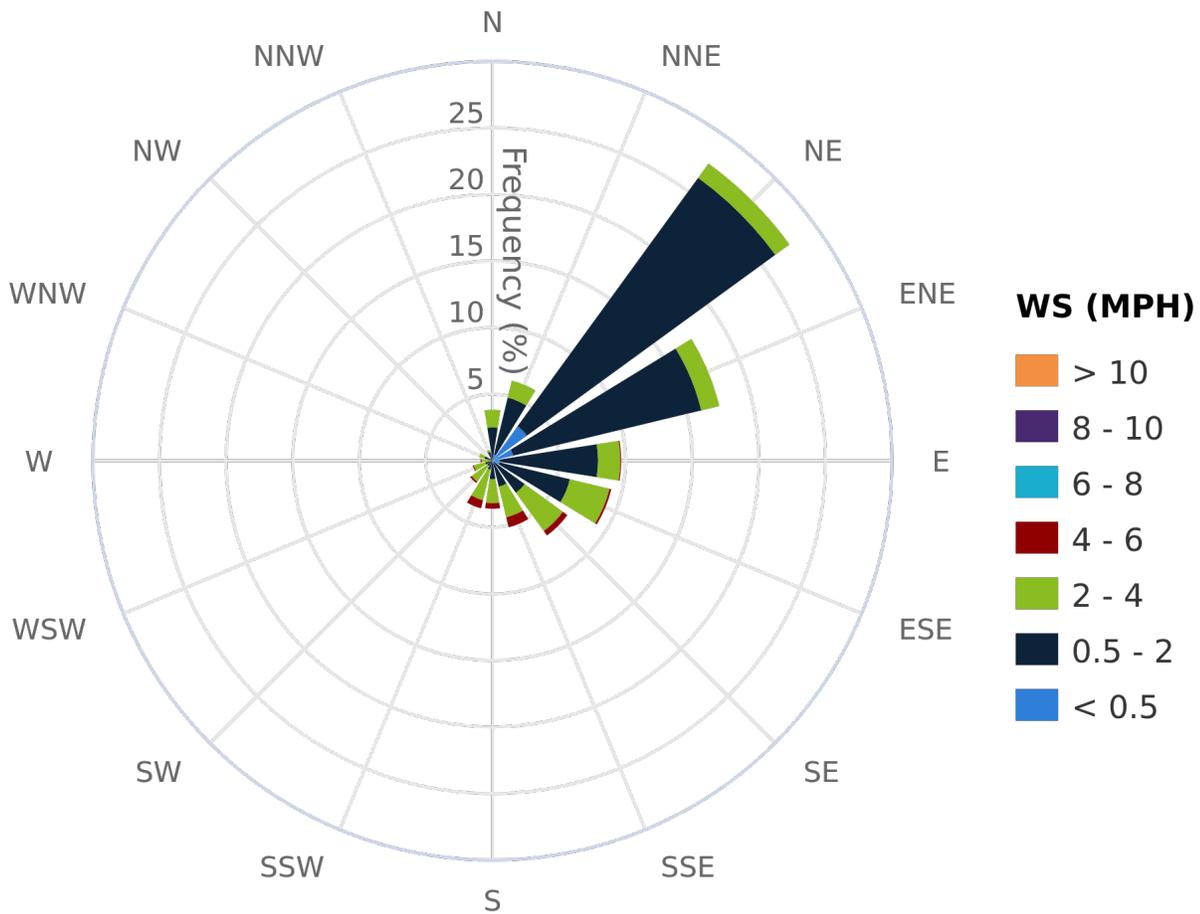


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3277

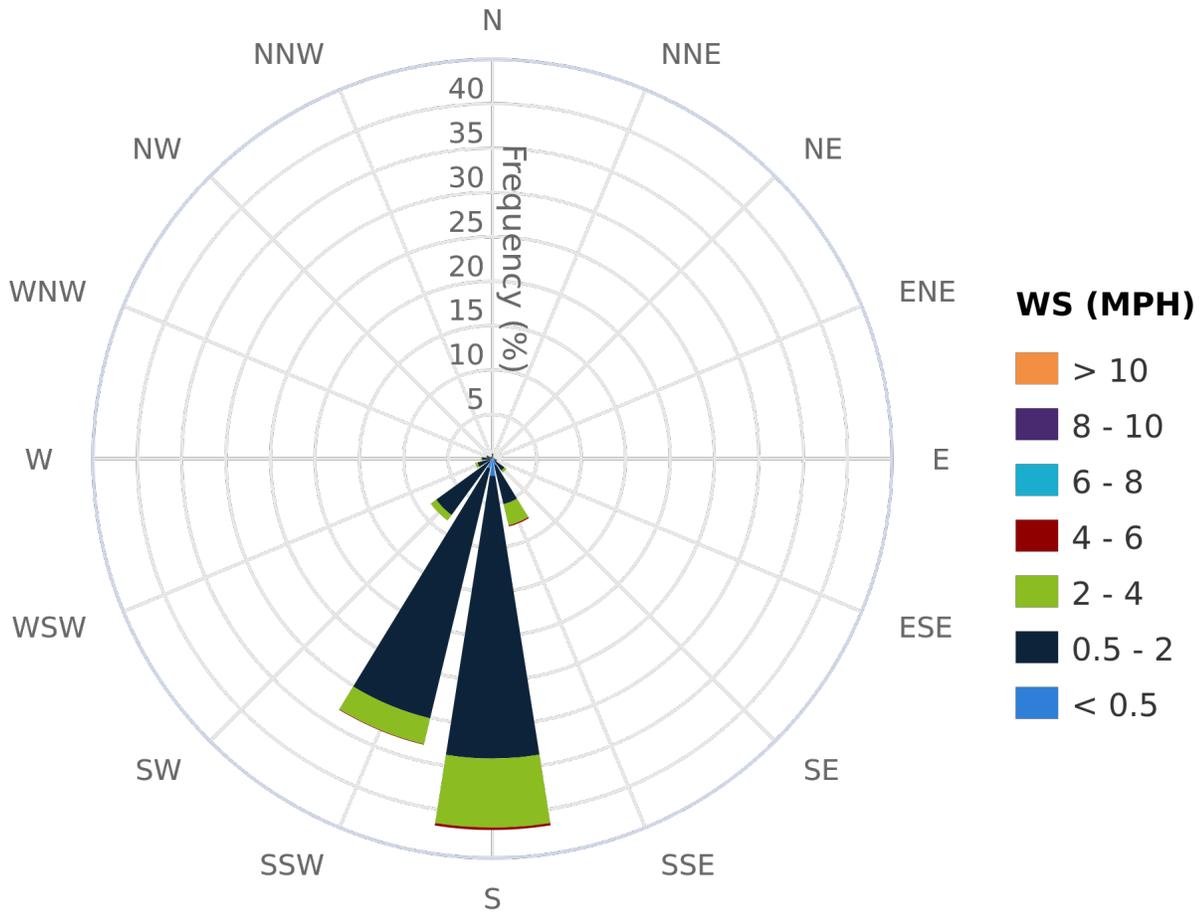


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

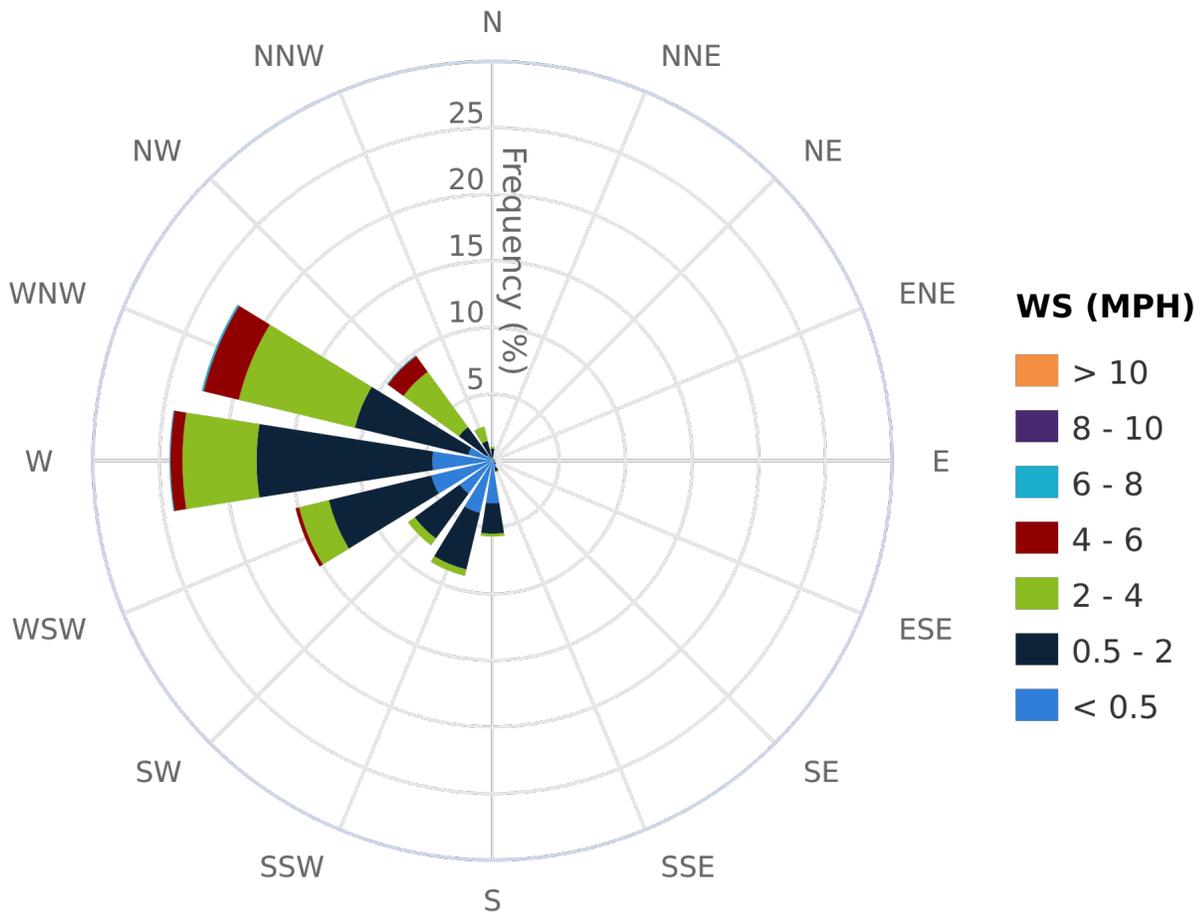


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

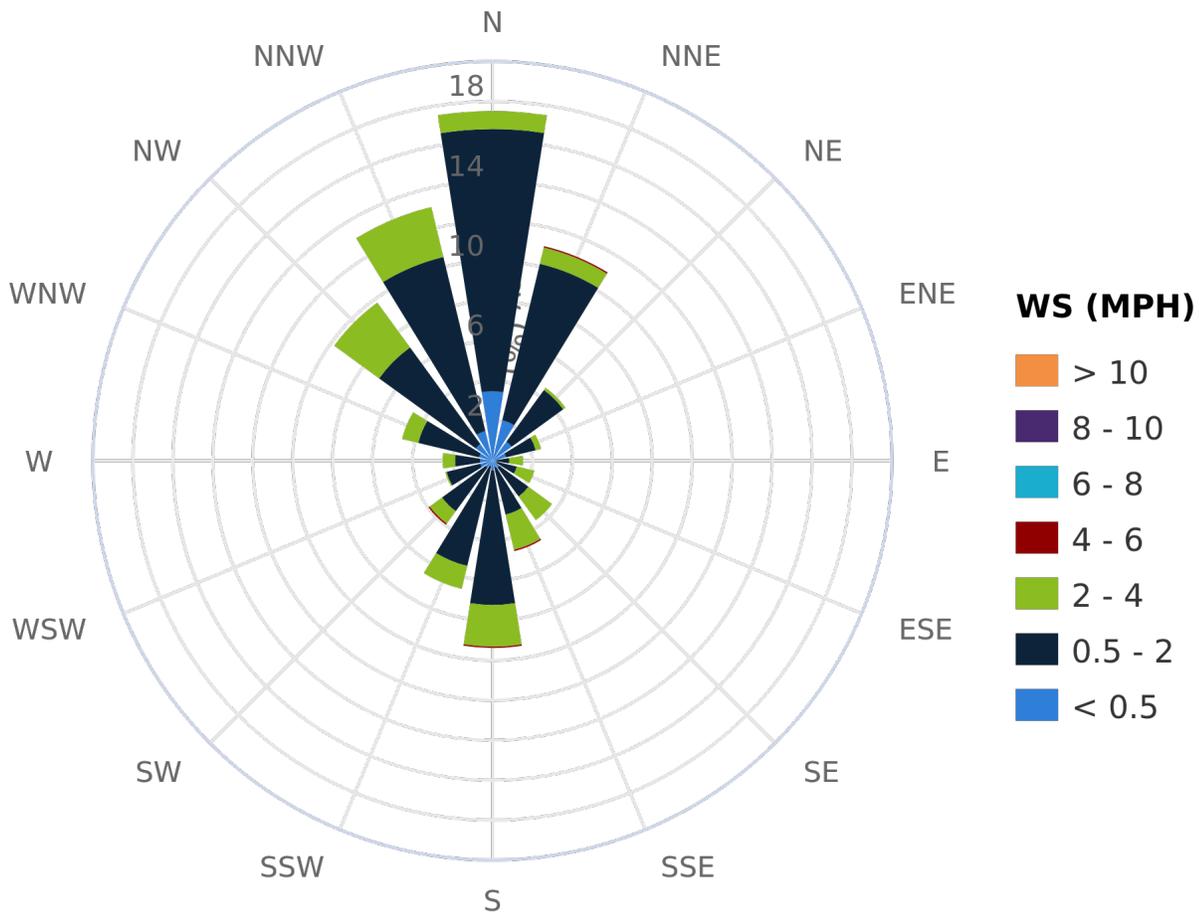


Figure 3 : Wind Rose Chart (WS in MPH)



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Table 3 : 15 Minute Average Concentrations (AM)

	Avg. 2943 - PM10 (µg/m³)	Avg. 3277 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 3277 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 3277 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
00:00:00	12.9	19.5	14.0	11.9	11.3	18.1	10.6	12.6	0.000	0.000	0.000	0.000
00:15:00	13.2	19.4	14.2	11.0	11.7	17.9	9.7	12.8	0.000	0.000	0.000	0.000
00:30:00	12.4	19.7	13.1	10.5	11.1	18.2	9.3	11.8	0.000	0.000	0.000	0.000
00:45:00	12.8	19.8	12.6	10.4	11.3	18.4	9.1	11.3	0.000	0.000	0.000	0.000
01:00:00	13.8	21.0	13.3	10.3	12.2	19.5	9.0	12.0	0.000	0.000	0.000	0.000
01:15:00	14.0	21.4	12.9	10.8	12.4	19.8	9.6	11.8	0.000	0.000	0.000	0.000
01:30:00	14.3	20.6	12.5	10.9	12.7	19.0	9.7	11.5	0.000	0.000	0.000	0.000
01:45:00	13.9	20.2	12.6	10.8	12.4	18.6	9.6	11.4	0.000	0.000	0.000	0.000
02:00:00	13.8	20.8	12.5	11.0	12.3	19.2	9.8	11.4	0.000	0.000	0.000	0.000
02:15:00	14.1	21.5	12.1	11.0	12.5	19.9	9.7	11.0	0.000	0.000	0.000	0.000
02:30:00	14.4	22.4	12.4	10.7	12.9	20.7	9.5	11.3	0.000	0.000	0.000	0.000
02:45:00	14.7	23.7	12.6	10.7	13.1	22.0	9.5	11.5	0.000	0.000	0.000	0.000
03:00:00	14.8	24.0	13.8	11.0	13.3	22.3	9.7	12.7	0.000	0.000	0.000	0.000
03:15:00	14.7	23.7	12.6	11.4	13.2	22.0	9.9	11.5	0.000	0.000	0.000	0.000
03:30:00	15.4	23.3	13.3	11.8	13.7	21.8	10.0	12.1	0.000	0.000	0.000	0.000
03:45:00	15.5	23.7	13.8	11.4	14.1	22.1	10.0	12.5	0.000	0.000	0.000	0.000
04:00:00	15.4	23.7	14.4	12.4	13.7	22.2	10.8	13.1	0.000	0.000	0.000	0.000
04:15:00	15.2	25.3	13.4	12.5	13.6	23.7	11.1	12.2	0.000	0.000	0.000	0.000
04:30:00	15.7	26.4	13.5	12.8	14.1	24.7	11.4	12.2	0.000	0.000	0.000	0.000
04:45:00	15.9	26.5	13.5	13.2	14.3	24.9	11.7	12.4	0.000	0.000	0.000	0.000
05:00:00	16.6	27.1	13.3	13.5	14.9	25.4	11.8	12.2	0.000	0.000	0.000	0.000
05:15:00	16.8	27.1	13.4	13.7	15.0	25.4	12.0	12.3	0.000	0.000	0.000	0.000
05:30:00	16.8	27.2	14.0	13.3	15.0	25.5	11.6	12.8	0.000	0.000	0.000	0.000
05:45:00	19.0	27.2	13.5	12.9	16.9	25.3	11.0	12.3	0.000	0.000	0.000	0.000
06:00:00	17.2	22.5	13.6	12.3	15.1	21.1	10.7	12.4	0.000	0.000	0.000	0.000
06:15:00	15.9	18.5	13.1	11.5	14.0	17.4	10.1	11.8	0.000	0.000	0.000	0.000
06:30:00	14.6	17.3	12.9	11.9	12.8	16.2	10.1	11.7	0.000	0.000	0.000	0.000
06:45:00	13.9	18.8	12.6	12.7	11.9	17.4	10.1	11.4	0.000	0.000	0.000	0.000
07:00:00	13.5	19.0	12.9	12.5	11.7	17.5	9.9	11.6	0.000	0.000	0.000	0.000
07:15:00	13.9	18.9	12.4	11.2	11.8	17.5	9.1	11.1	0.000	0.000	0.000	0.000
07:30:00	13.6	20.3	12.5	12.7	11.4	18.6	9.9	11.1	0.000	0.000	0.000	0.000
07:45:00	14.2	21.3	12.6	12.0	11.8	19.6	9.2	11.2	0.000	0.000	0.000	0.000
08:00:00	14.9	21.1	12.1	11.2	12.4	19.3	9.1	10.7	0.000	0.000	0.000	0.000
08:15:00	14.4	20.7	13.5	12.7	12.0	18.9	10.0	11.8	0.000	0.000	0.000	0.000
08:30:00	17.2	20.6	14.5	11.1	11.8	18.7	9.3	12.4	0.000	0.000	0.000	0.000
08:45:00	14.1	20.1	14.8	11.2	11.0	18.2	8.7	12.3	0.000	0.000	0.000	0.000
09:00:00	14.9	18.9	15.0	11.8	10.6	16.6	8.3	11.7	0.000	0.000	0.000	0.000
09:15:00	15.2	18.1	15.8	12.1	9.4	14.8	7.4	10.6	0.000	0.000	0.000	0.000
09:30:00	13.9	16.0	13.2	9.9	8.2	12.5	6.4	8.8	0.000	0.000	0.000	0.000
09:45:00	10.2	13.0	11.4	8.7	6.9	10.3	5.8	8.0	0.003	0.004	0.000	0.000
10:00:00	9.9	11.2	9.7	8.1	6.5	8.9	5.4	7.0	0.014	0.010	0.000	0.007
10:15:00	10.0	11.3	12.1	8.2	6.7	9.0	5.6	7.6	0.024	0.013	0.000	0.010
10:30:00	9.9	11.1	10.1	8.4	6.5	8.7	5.6	7.2	0.028	0.013	0.000	0.014
10:45:00	9.2	10.2	14.4	7.7	5.9	7.9	5.1	7.2	0.030	0.013	0.000	0.020
11:00:00	8.2	9.2	15.4	7.0	5.3	6.9	4.6	6.8	0.032	0.005	0.000	0.027
11:15:00	10.4	8.6	8.9	6.4	5.1	6.5	4.3	5.4	0.035	0.002	0.000	0.030
11:30:00	7.4	8.1	7.7	6.2	4.6	6.0	4.0	4.8	0.029	0.000	0.000	0.035
11:45:00	6.7	7.1	9.0	5.4	4.1	5.2	3.3	4.7	0.024	0.000	0.000	0.034



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	Avg. 2943 - PM10 (µg/m³)	Avg. 3277 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 3277 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 3277 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
12:00:00	5.7	6.5	7.8	5.2	3.3	4.6	3.2	4.0	0.008	0.000	0.000	0.024
12:15:00	5.3	5.7	6.6	5.2	3.2	3.9	3.1	3.6	0.000	0.000	0.000	0.012
12:30:00	5.2	5.2	5.3	4.4	2.9	3.5	2.6	3.0	0.000	0.000	0.000	0.003
12:45:00	7.4	4.7	5.5	4.7	2.8	3.2	2.5	2.8	0.000	0.000	0.000	0.000
13:00:00	6.9	4.6	4.6	4.0	2.7	3.1	2.3	2.5	0.000	0.000	0.000	0.000
13:15:00	4.5	4.5	7.1	4.1	2.5	3.0	2.3	2.8	0.000	0.000	0.000	0.000
13:30:00	4.3	4.3	6.7	4.3	2.2	2.8	2.2	2.6	0.000	0.000	0.000	0.000
13:45:00	13.6	4.2	5.7	4.0	2.9	2.5	2.0	2.2	0.000	0.000	0.000	0.000
14:00:00	6.2	4.1	4.9	4.2	2.3	2.4	2.0	2.1	0.000	0.000	0.000	0.000
14:15:00	5.0	4.4	6.6	4.5	2.3	2.6	2.1	2.4	0.000	0.000	0.000	0.000
14:30:00	5.7	4.5	6.3	4.9	2.3	2.6	2.2	2.5	0.000	0.000	0.000	0.000
14:45:00	5.7	4.6	6.6	4.8	2.3	2.7	2.2	2.4	0.000	0.000	0.000	0.000
15:00:00	5.2	4.8	5.5	5.7	2.4	2.9	2.3	2.4	0.000	0.000	0.000	0.000
15:15:00	7.2	4.7	9.9	5.6	2.4	2.8	2.2	2.7	0.000	0.000	0.000	0.000
15:30:00	9.8	5.0	11.3	4.9	2.7	2.8	2.1	2.8	0.000	0.000	0.000	0.000
15:45:00	6.3	5.5	11.0	5.3	2.5	2.9	2.3	3.0	0.000	0.000	0.000	0.000
16:00:00	8.5	5.9	22.9	6.8	3.2	3.3	3.0	4.7	0.000	0.000	0.000	0.000
16:15:00	7.9	7.3	13.9	6.8	3.8	4.6	3.5	4.5	0.000	0.000	0.000	0.000
16:30:00	9.2	8.0	9.3	7.4	3.8	5.0	3.6	4.1	0.000	0.000	0.000	0.000
16:45:00	8.9	7.4	32.2	7.9	3.6	4.3	3.3	5.8	0.000	0.003	0.000	0.000
17:00:00	8.6	7.1	11.7	7.6	3.7	4.2	3.4	4.0	0.000	0.003	0.000	0.000
17:15:00	19.4	7.3	16.9	7.5	5.0	4.3	3.5	4.5	0.000	0.000	0.000	0.000
17:30:00	10.0	7.4	12.2	7.5	3.9	4.2	3.5	4.1	0.000	0.003	0.000	0.002
17:45:00	13.3	7.3	10.3	7.5	4.1	4.1	3.4	3.9	0.000	0.002	0.000	0.001
18:00:00	9.3	7.2	8.0	7.3	3.8	4.0	3.4	3.7	0.001	0.004	0.000	0.000
18:15:00	8.9	7.0	7.7	7.5	3.9	4.0	3.3	3.7	0.004	0.008	0.000	0.000
18:30:00	9.7	7.6	7.9	7.4	3.9	3.9	3.4	3.8	0.002	0.001	0.001	0.000
18:45:00	7.9	7.3	8.4	7.2	3.6	3.8	3.3	3.7	0.000	0.000	0.003	0.000
19:00:00	7.9	6.8	6.9	7.8	3.5	3.7	3.3	3.5	0.000	0.000	0.006	0.000
19:15:00	8.3	6.7	7.1	7.1	4.0	3.6	3.2	3.6	0.000	0.000	0.006	0.000
19:30:00	8.5	6.4	7.5	7.5	3.8	3.5	3.3	3.7	0.000	0.000	0.006	0.000
19:45:00	8.5	6.3	7.7	7.3	3.8	3.5	3.3	3.8	0.000	0.000	0.010	0.000
20:00:00	8.8	6.6	7.9	7.3	3.9	3.6	3.4	3.7	0.000	0.000	0.010	0.000
20:15:00	9.8	6.8	8.0	7.7	4.2	3.7	3.6	3.9	0.000	0.000	0.010	0.000
20:30:00	10.0	7.0	8.1	9.7	4.4	3.8	3.9	4.0	0.000	0.000	0.011	0.000
20:45:00	10.4	7.4	8.4	9.3	4.6	4.0	4.1	4.2	0.000	0.000	0.008	0.000
21:00:00	10.5	7.4	9.1	9.2	4.8	4.2	4.6	4.5	0.000	0.000	0.006	0.000
21:15:00	11.4	7.4	9.7	10.3	5.4	4.3	5.1	5.1	0.000	0.000	0.004	0.000
21:30:00	12.4	7.8	10.7	11.3	5.9	4.5	5.7	5.6	0.000	0.000	0.003	0.000
21:45:00	14.9	7.9	12.1	14.2	7.0	4.6	7.0	6.3	0.000	0.000	0.001	0.000
22:00:00	17.1	9.1	14.7	15.6	8.0	5.3	7.6	7.7	0.000	0.000	0.000	0.000
22:15:00	18.2	10.5	16.5	17.6	8.7	6.1	8.5	8.5	0.000	0.000	0.000	0.000
22:30:00	19.8	12.3	17.8	19.3	9.6	7.0	9.2	9.3	0.000	0.000	0.000	0.000
22:45:00	21.2	13.8	18.1	19.8	10.2	7.8	9.6	9.7	0.000	0.000	0.000	0.000
23:00:00	21.1	13.9	17.8	20.2	10.4	7.9	9.8	9.7	0.000	0.000	0.000	0.000
23:15:00	21.3	14.5	17.9	20.5	10.7	8.3	10.1	10.0	0.000	0.000	0.000	0.000
23:30:00	20.1	15.2	18.5	20.1	10.7	8.7	10.2	10.3	0.000	0.000	0.000	0.000
23:45:00	20.1	15.3	18.4	20.6	10.8	9.0	10.7	10.3	0.000	0.000	0.000	0.000



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

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