



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-04-18

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.134 to 8.769	2943 SE	3061 SSW	2996 W	2997 NE	Min : 55.58 Max : 101.3	Min : 34.50 Max : 81.30	Min : 29.88 Max : 30.11

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	16.4	139.5	6.6	25.0	0.053	0.197
2996	14.4	39.7	6.5	10.5	0.059	0.203
2997	14.8	40.6	6.6	9.7	0.021	0.107
3061	13.0	42.6	6.3	9.9	0.005	0.024



Figure 1 : Monitoring Locations

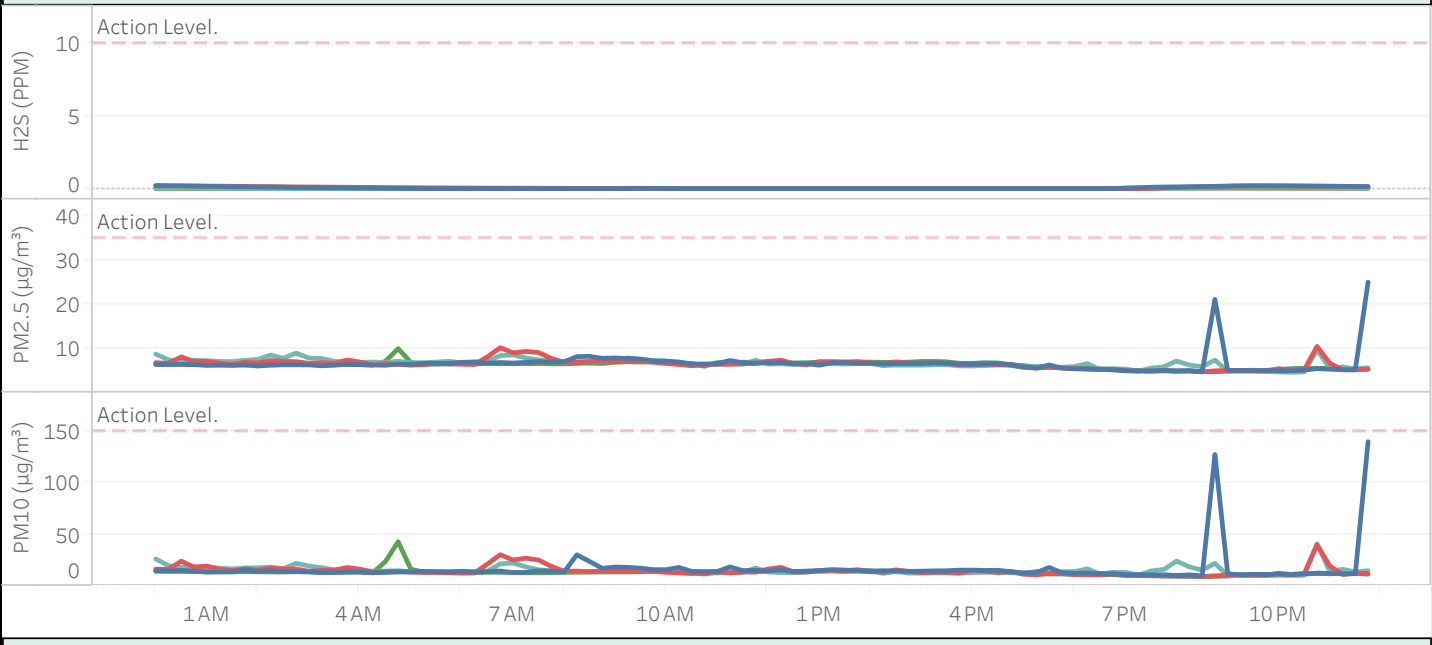


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2996 ■ 2997 ■ 3061



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Wind Rose Chart 2943

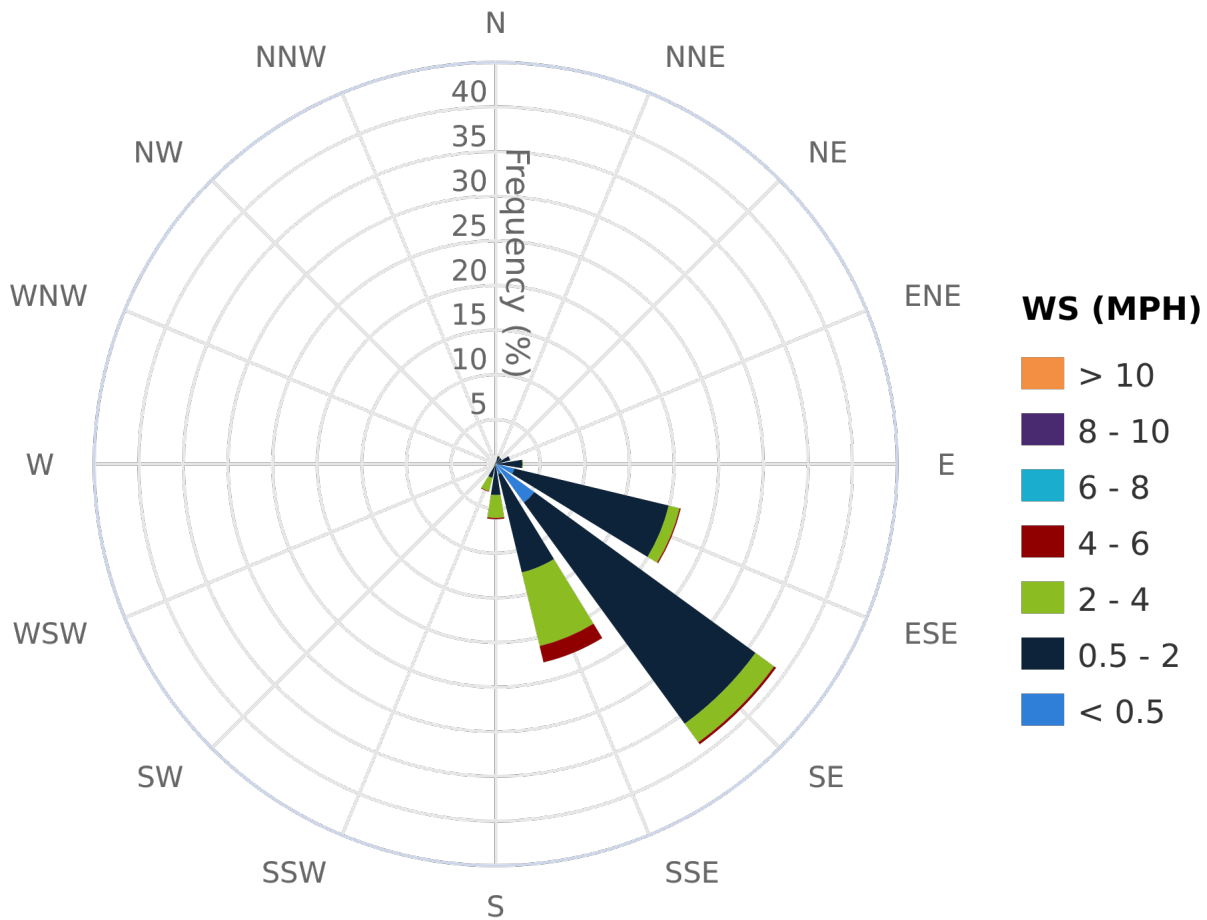


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

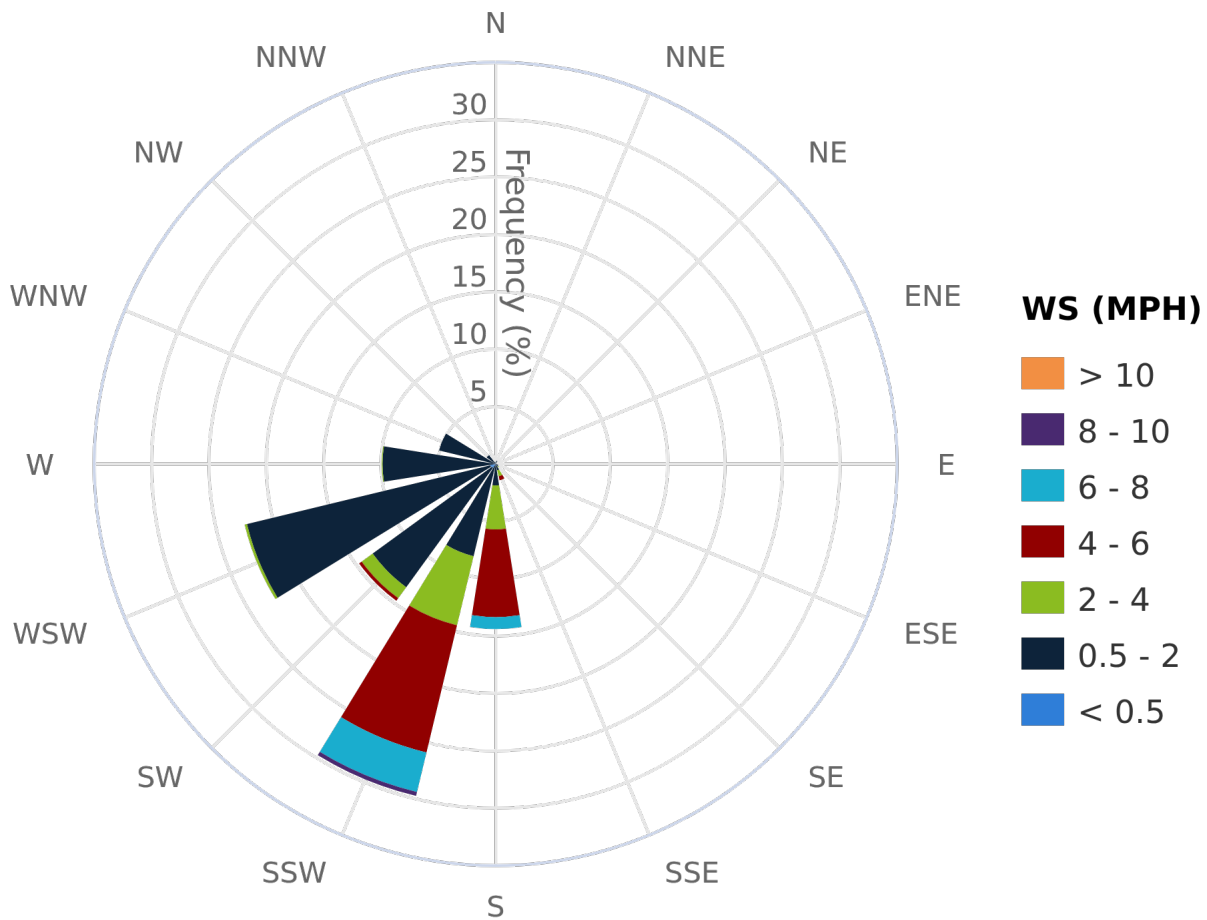


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

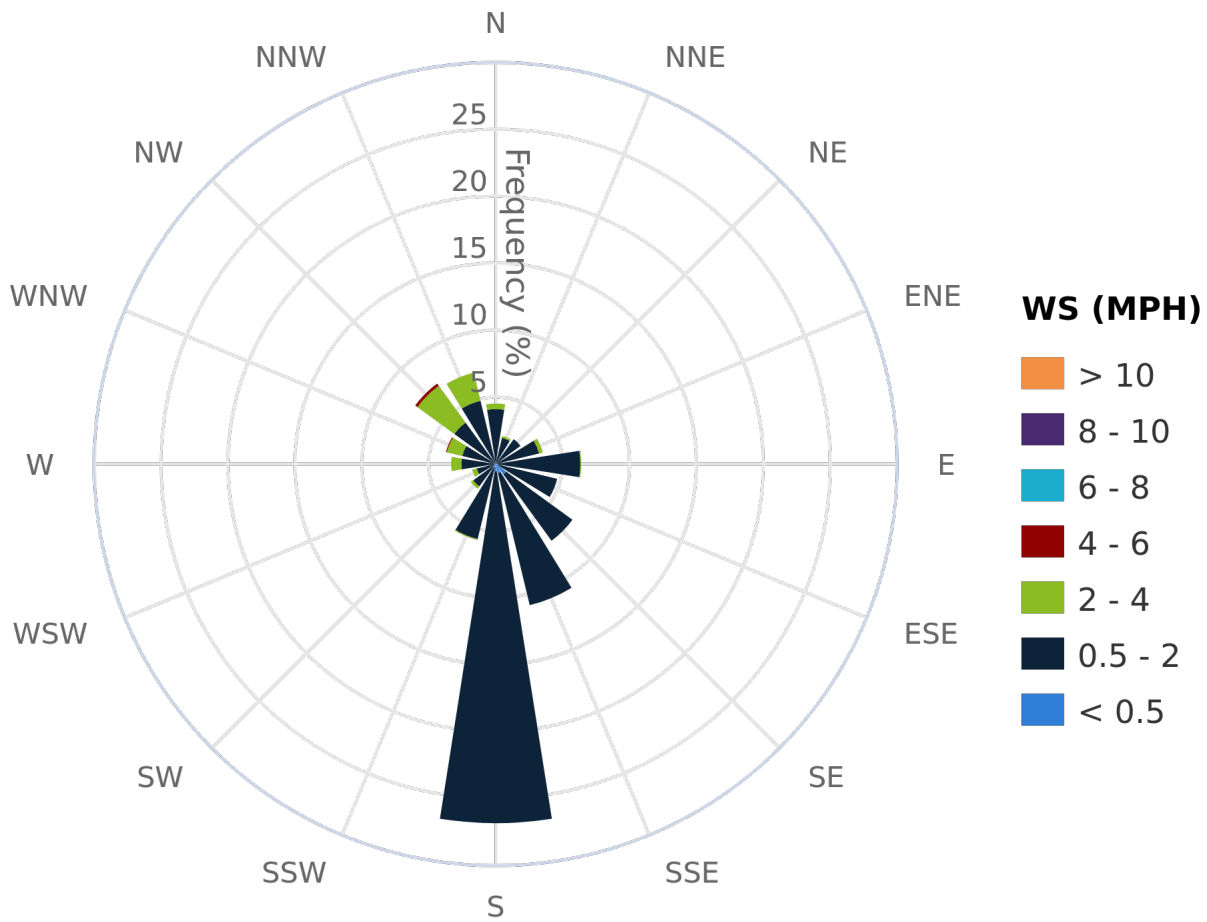


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

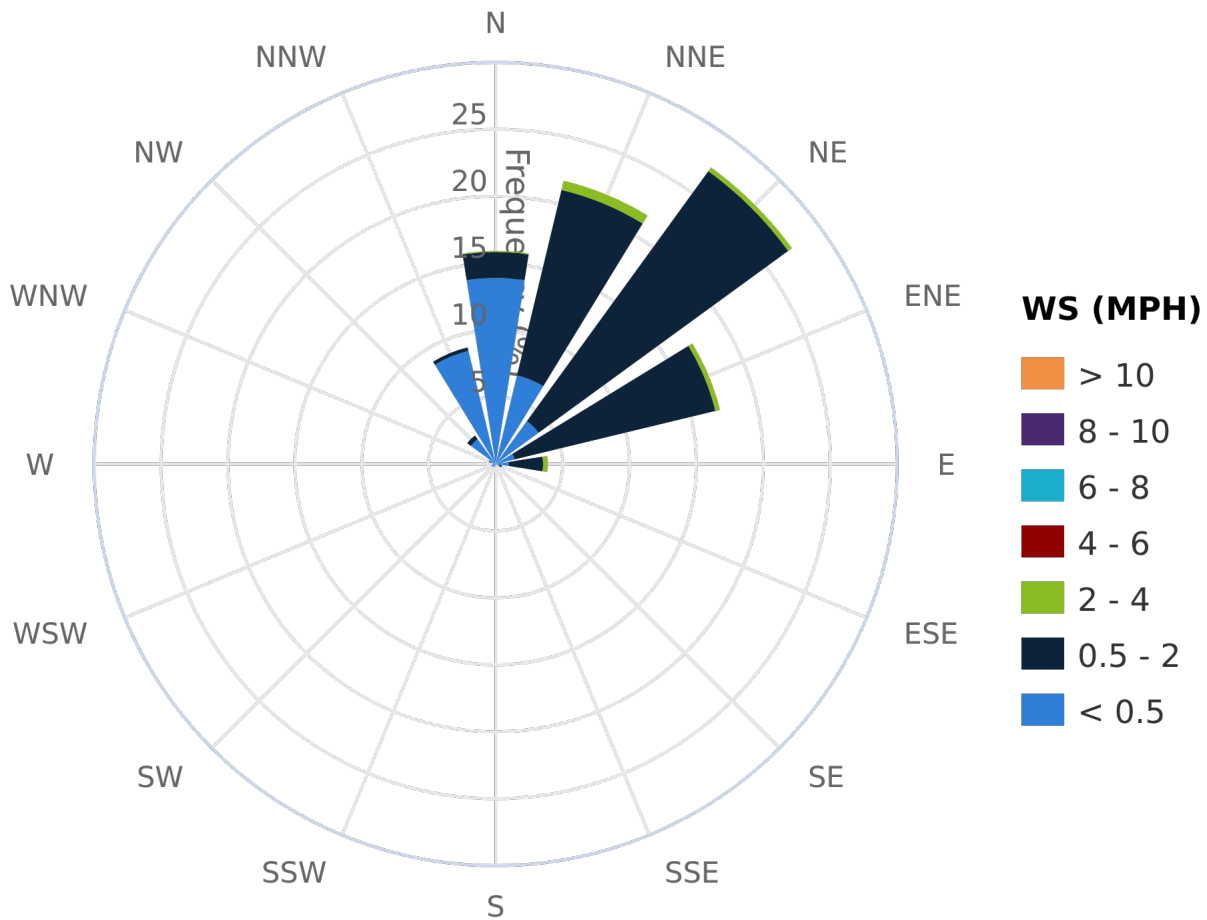


Figure 3 : Wind Rose Chart (WS in MPH)



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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	14.8	13.9	26.0	16.1	6.4	6.4	6.8	8.7	0.197	0.012	0.203	0.075
00:15:00	14.3	13.9	19.4	15.8	6.3	6.4	6.6	7.4	0.191	0.011	0.193	0.068
00:30:00	14.9	13.9	17.7	23.9	6.4	6.4	8.1	7.2	0.181	0.010	0.188	0.060
00:45:00	14.2	13.6	18.4	18.0	6.3	6.3	7.0	7.3	0.168	0.008	0.181	0.048
01:00:00	13.2	13.9	18.0	19.1	6.2	6.4	7.1	7.2	0.157	0.008	0.173	0.042
01:15:00	13.3	13.7	17.1	16.0	6.2	6.3	6.7	7.1	0.147	0.008	0.167	0.034
01:30:00	13.5	13.4	16.3	14.6	6.1	6.4	6.4	7.0	0.135	0.005	0.159	0.024
01:45:00	15.4	13.7	17.3	16.2	6.3	6.2	6.8	7.3	0.119	0.005	0.150	0.018
02:00:00	14.0	13.6	17.4	15.3	6.0	6.3	6.7	7.5	0.114	0.004	0.143	0.013
02:15:00	14.6	13.4	18.1	17.0	6.2	6.2	7.2	8.5	0.104	0.003	0.134	0.009
02:30:00	13.7	13.3	16.4	16.4	6.3	6.3	7.1	7.8	0.092	0.003	0.128	0.001
02:45:00	13.6	13.7	21.7	16.2	6.3	6.5	7.0	8.9	0.076	0.001	0.119	0.000
03:00:00	13.4	13.6	19.2	14.1	6.3	6.5	6.6	7.8	0.069	0.000	0.112	0.000
03:15:00	12.8	13.2	17.5	15.0	6.1	6.4	6.8	7.7	0.060	0.000	0.106	0.000
03:30:00	12.9	13.1	15.5	15.1	6.2	6.3	6.6	7.1	0.053	0.000	0.100	0.000
03:45:00	13.3	13.1	14.5	17.7	6.4	6.3	7.4	6.9	0.043	0.000	0.094	0.000
04:00:00	13.2	13.4	14.5	16.1	6.3	6.3	6.9	6.8	0.040	0.000	0.086	0.000
04:15:00	12.6	12.5	14.2	13.5	6.3	6.2	6.3	6.9	0.030	0.000	0.080	0.000
04:30:00	12.9	23.4	14.3	13.8	6.2	7.1	6.6	6.8	0.022	0.000	0.073	0.000
04:45:00	13.3	42.6	14.6	13.8	6.5	9.9	6.4	7.1	0.015	0.000	0.066	0.000
05:00:00	13.5	15.9	13.5	13.2	6.4	6.8	6.2	6.8	0.007	0.000	0.063	0.000
05:15:00	14.0	13.3	13.1	12.9	6.6	6.5	6.3	6.8	0.002	0.000	0.058	0.000
05:30:00	13.7	13.4	13.4	12.9	6.6	6.4	6.6	6.9	0.000	0.000	0.052	0.000
05:45:00	13.5	13.1	13.5	12.6	6.6	6.5	6.5	7.1	0.000	0.000	0.046	0.000
06:00:00	14.1	13.3	13.0	12.2	6.9	6.6	6.4	6.7	0.000	0.000	0.043	0.000
06:15:00	13.5	12.6	13.1	12.4	6.9	6.5	6.4	7.0	0.000	0.000	0.040	0.000
06:30:00	13.7	13.0	14.1	21.1	6.7	6.6	8.1	7.1	0.000	0.000	0.036	0.000
06:45:00	14.3	13.0	21.2	30.1	6.8	6.5	10.2	8.4	0.000	0.000	0.034	0.000
07:00:00	12.8	12.7	22.1	24.9	6.7	6.6	9.0	8.6	0.000	0.000	0.030	0.000
07:15:00	12.9	12.6	18.3	26.7	6.8	6.5	9.3	7.8	0.000	0.000	0.029	0.000
07:30:00	14.5	12.6	15.5	24.9	7.0	6.6	9.1	7.4	0.000	0.000	0.026	0.000
07:45:00	14.1	12.6	14.4	18.8	6.9	6.5	7.7	7.2	0.000	0.000	0.023	0.000
08:00:00	13.2	13.0	13.0	14.1	7.0	6.5	6.8	6.9	0.000	0.000	0.018	0.000
08:15:00	30.0	13.0	13.7	14.2	8.1	6.6	6.8	7.0	0.000	0.000	0.016	0.000
08:30:00	23.5	13.3	13.8	13.6	8.2	6.7	7.0	7.0	0.000	0.000	0.013	0.000
08:45:00	16.9	13.3	14.2	14.2	7.8	6.6	7.1	7.2	0.000	0.000	0.010	0.000
09:00:00	18.1	13.4	14.6	14.6	7.8	6.9	7.0	7.2	0.000	0.000	0.016	0.000
09:15:00	17.9	13.4	15.6	14.8	7.7	7.0	7.1	7.9	0.001	0.001	0.019	0.000
09:30:00	17.0	13.5	15.9	14.2	7.6	6.9	7.0	7.6	0.018	0.000	0.022	0.000
09:45:00	15.7	14.2	13.7	13.9	7.2	7.1	6.9	7.2	0.022	0.000	0.014	0.000
10:00:00	15.6	13.8	14.2	13.0	7.1	7.0	6.6	7.2	0.007	0.000	0.002	0.003
10:15:00	17.8	12.5	12.8	12.7	6.9	6.6	6.4	6.6	0.000	0.000	0.000	0.004
10:30:00	14.0	12.7	12.4	11.8	6.5	6.6	6.1	6.3	0.000	0.000	0.000	0.000
10:45:00	13.8	11.4	12.7	12.6	6.5	6.0	6.3	6.5	0.000	0.000	0.000	0.000
11:00:00	13.9	13.1	12.3	13.3	6.6	6.8	6.5	6.3	0.000	0.000	0.000	0.000
11:15:00	18.2	13.1	13.0	12.5	7.3	6.7	6.4	6.5	0.000	0.000	0.000	0.000
11:30:00	14.7	13.8	12.8	13.3	6.8	6.9	6.6	6.4	0.000	0.000	0.000	0.000
11:45:00	15.0	13.8	17.2	13.2	6.7	6.8	6.6	7.3	0.000	0.000	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	14.4	13.9	13.3	16.2	6.7	7.0	7.1	6.5	0.000	0.000	0.000	0.000
12:15:00	15.2	13.8	12.7	17.8	6.8	6.9	7.3	6.5	0.000	0.000	0.000	0.000
12:30:00	13.9	13.3	12.7	13.3	6.5	6.7	6.6	6.4	0.000	0.000	0.000	0.000
12:45:00	14.2	13.5	13.4	13.2	6.6	6.8	6.3	6.5	0.000	0.000	0.000	0.000
13:00:00	14.7	14.0	14.2	14.8	6.2	6.9	7.0	6.6	0.000	0.000	0.000	0.000
13:15:00	15.7	14.5	14.2	14.9	6.8	7.0	6.9	6.5	0.000	0.000	0.000	0.000
13:30:00	15.2	14.2	13.5	14.5	6.8	7.0	6.8	6.5	0.000	0.000	0.000	0.000
13:45:00	14.7	14.2	14.3	15.6	6.6	6.9	7.0	6.6	0.000	0.000	0.000	0.000
14:00:00	14.3	13.6	14.9	13.7	6.6	6.9	6.7	6.6	0.000	0.000	0.000	0.000
14:15:00	14.6	13.7	12.0	13.0	6.5	6.9	6.6	6.1	0.000	0.000	0.000	0.000
14:30:00	14.3	13.6	13.8	15.4	6.6	6.8	6.9	6.2	0.000	0.000	0.000	0.000
14:45:00	14.0	13.6	12.2	13.9	6.6	6.9	6.7	6.2	0.000	0.000	0.000	0.000
15:00:00	14.1	13.9	12.2	12.7	6.6	7.1	6.6	6.2	0.000	0.000	0.000	0.000
15:15:00	14.4	13.6	12.4	13.0	6.7	7.0	6.7	6.3	0.000	0.000	0.000	0.000
15:30:00	14.5	13.7	12.6	12.8	6.6	7.0	6.7	6.3	0.000	0.000	0.000	0.000
15:45:00	15.2	13.4	12.2	12.3	6.4	6.6	6.3	6.0	0.000	0.000	0.000	0.000
16:00:00	15.2	13.6	12.6	15.0	6.4	6.6	6.6	6.0	0.000	0.000	0.000	0.000
16:15:00	14.9	13.9	13.0	14.1	6.4	6.8	6.5	6.1	0.000	0.000	0.000	0.000
16:30:00	15.0	13.5	13.0	12.8	6.6	6.7	6.3	6.2	0.000	0.000	0.000	0.000
16:45:00	13.7	12.6	13.2	13.9	6.2	6.3	6.4	6.1	0.000	0.000	0.000	0.000
17:00:00	12.4	12.3	12.0	11.1	5.8	6.1	5.8	5.7	0.000	0.000	0.000	0.000
17:15:00	12.7	11.7	14.0	10.6	5.6	5.8	5.5	6.0	0.000	0.000	0.000	0.000
17:30:00	17.7	11.4	12.6	12.0	6.3	5.8	5.7	5.7	0.000	0.000	0.000	0.000
17:45:00	12.6	11.5	13.6	11.7	5.5	5.7	5.6	5.7	0.000	0.000	0.000	0.000
18:00:00	12.0	11.1	13.8	10.9	5.4	5.6	5.5	5.9	0.000	0.000	0.000	0.000
18:15:00	12.4	11.0	16.4	10.6	5.4	5.5	5.3	6.6	0.000	0.005	0.000	0.000
18:30:00	11.9	11.0	11.2	10.5	5.3	5.4	5.2	5.2	0.000	0.009	0.000	0.004
18:45:00	11.6	10.7	13.1	11.7	5.1	5.2	5.3	5.4	0.000	0.014	0.000	0.016
19:00:00	10.8	10.1	13.0	10.0	5.0	5.1	4.9	5.3	0.033	0.017	0.000	0.035
19:15:00	10.9	10.2	10.3	9.8	4.9	5.0	4.9	4.8	0.062	0.019	0.000	0.051
19:30:00	10.6	9.9	14.4	9.6	4.9	4.9	4.8	5.6	0.093	0.021	0.008	0.056
19:45:00	10.7	9.6	15.8	9.4	5.0	4.9	4.9	5.8	0.111	0.023	0.042	0.067
20:00:00	10.0	9.3	24.0	9.4	4.9	4.9	4.8	7.2	0.121	0.022	0.072	0.071
20:15:00	10.6	9.1	18.3	9.4	5.0	4.9	4.9	6.2	0.133	0.022	0.097	0.080
20:30:00	9.6	8.7	15.1	9.0	4.7	4.7	4.7	5.9	0.144	0.022	0.120	0.087
20:45:00	127.1	9.1	21.8	9.6	21.1	4.7	4.9	7.3	0.157	0.022	0.136	0.094
21:00:00	11.7	9.4	9.9	10.3	5.0	4.9	5.0	4.8	0.175	0.024	0.161	0.104
21:15:00	10.7	10.2	9.8	10.6	5.0	4.9	5.0	4.9	0.193	0.024	0.172	0.107
21:30:00	11.1	10.1	9.8	10.4	5.1	4.9	4.9	4.9	0.197	0.024	0.176	0.107
21:45:00	10.9	10.3	9.9	10.2	5.0	5.0	4.8	4.8	0.194	0.022	0.176	0.104
22:00:00	11.3	10.8	10.2	12.2	5.0	5.2	5.4	4.7	0.193	0.022	0.172	0.103
22:15:00	10.8	11.1	10.0	11.0	5.0	5.4	5.1	4.6	0.191	0.020	0.170	0.099
22:30:00	11.5	11.5	10.2	11.8	5.1	5.5	5.2	4.7	0.184	0.018	0.166	0.091
22:45:00	12.3	11.9	40.6	39.7	5.4	5.5	10.5	9.7	0.176	0.017	0.159	0.088
23:00:00	12.0	11.6	13.9	19.2	5.3	5.5	6.6	5.4	0.167	0.015	0.152	0.077
23:15:00	11.6	12.0	16.0	10.9	5.2	5.4	5.2	5.8	0.159	0.014	0.146	0.071
23:30:00	11.7	11.9	13.4	12.0	5.2	5.4	5.1	5.4	0.149	0.012	0.138	0.064
23:45:00	139.5	11.2	14.7	12.0	25.0	5.3	5.3	5.6	0.141	0.011	0.129	0.057



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

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