



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-06-07

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.067 to 6.129	2943 SE	3061 W	2996 SSE	2997 NNE	Min : 65.30 Max : 102.0	Min : 34.30 Max : 86.00	Min : 29.88 Max : 30.13

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	9.5	45.8	4.0	11.0	0.025	0.166
2996	8.0	23.4	3.5	5.9	0.024	0.161
2997	10.4	40.4	3.7	8.5	0.007	0.056
3061	7.9	9.8	3.5	4.5	0.002	0.015



Figure 1 : Monitoring Locations

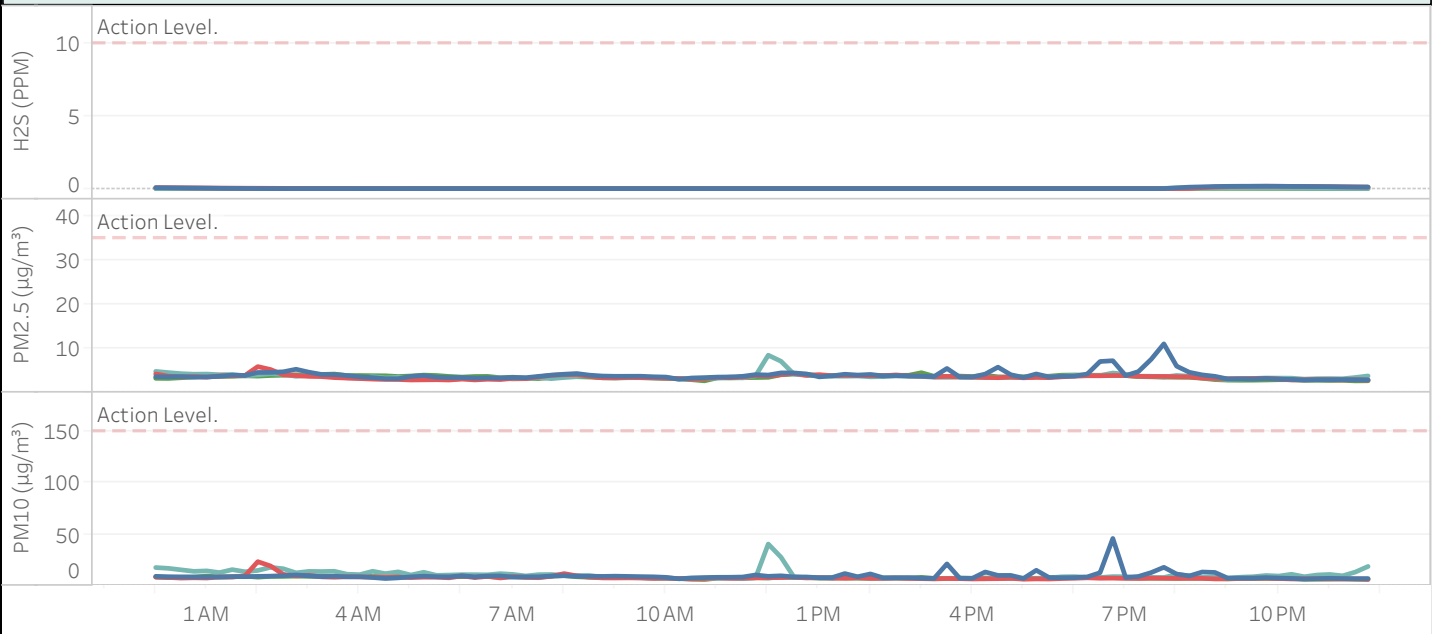


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2996 ■ 2997 ■ 3061



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Wind Rose Chart 2943

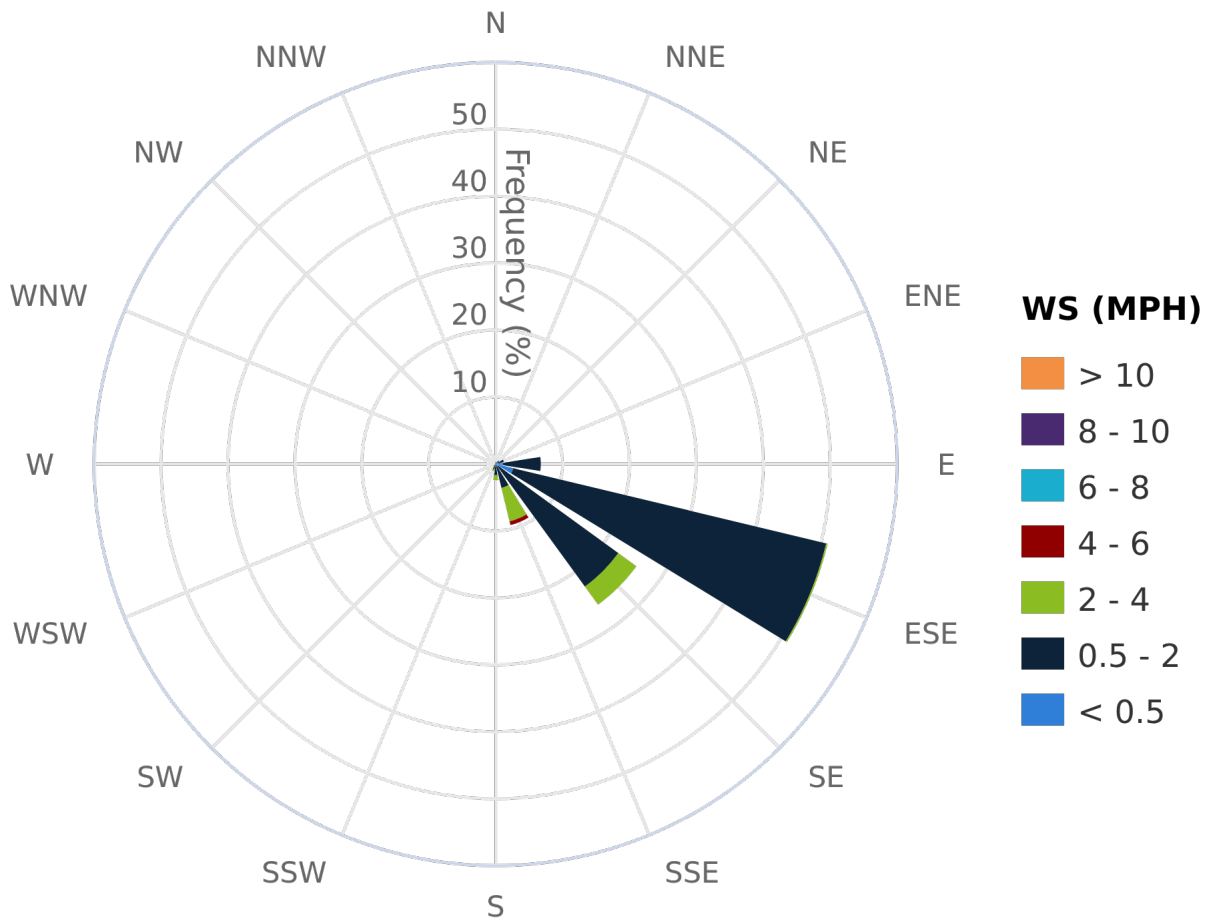


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

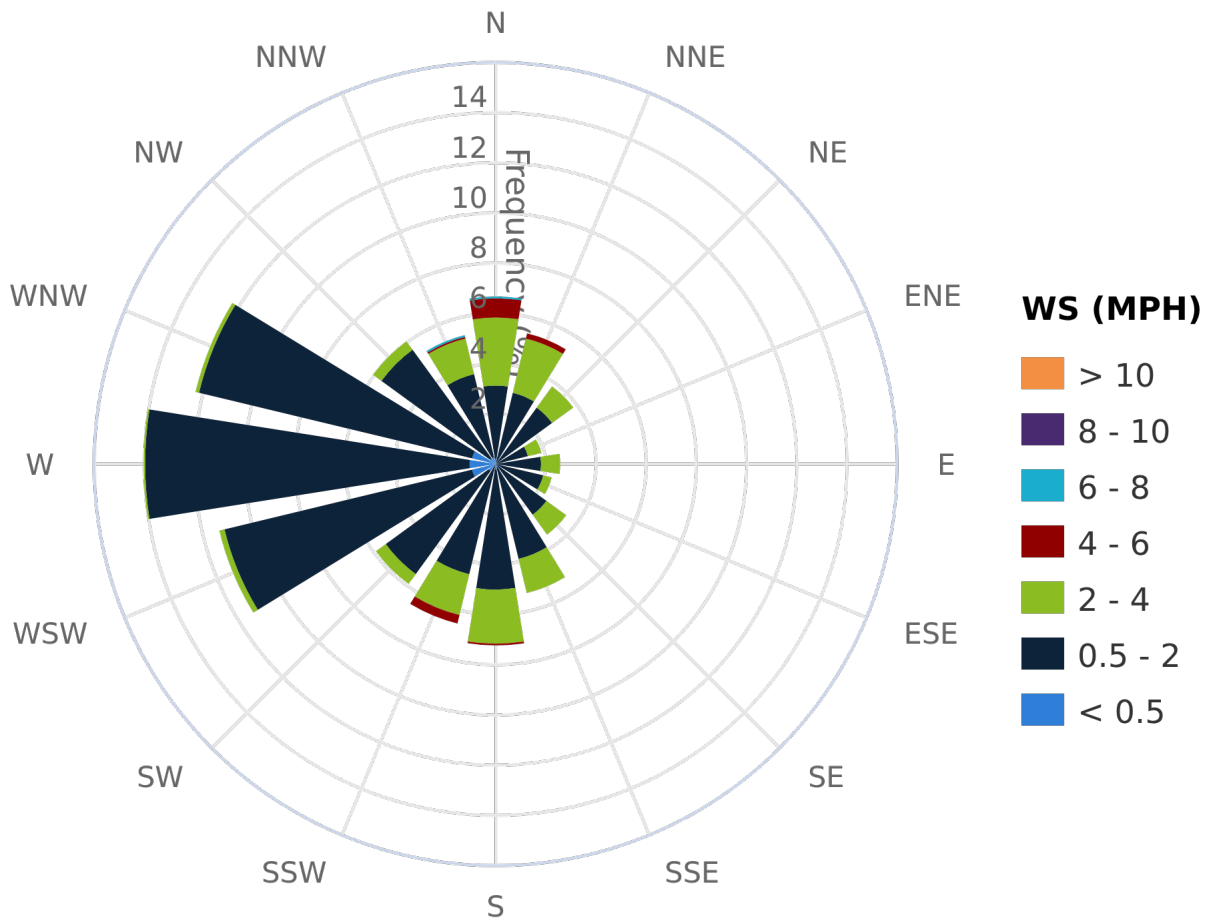


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

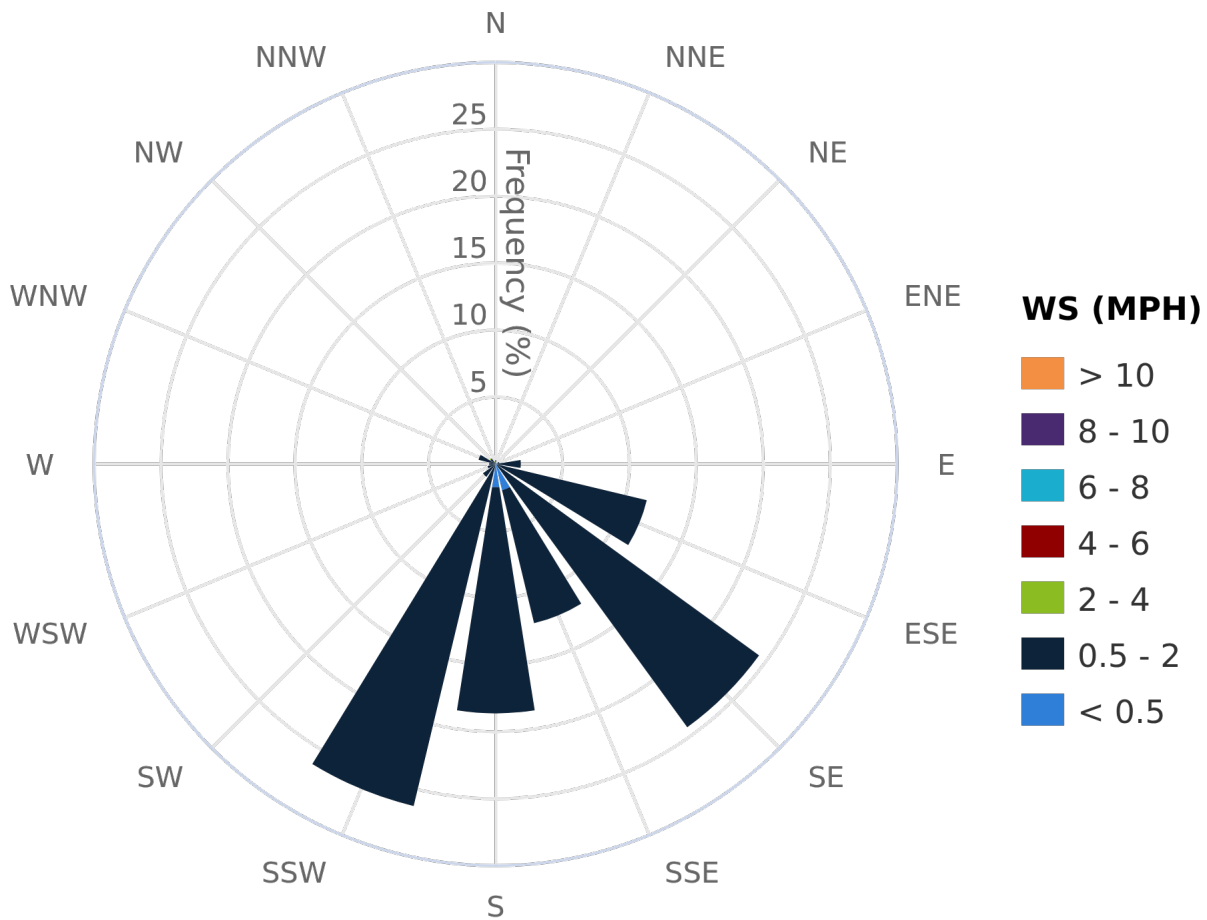


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

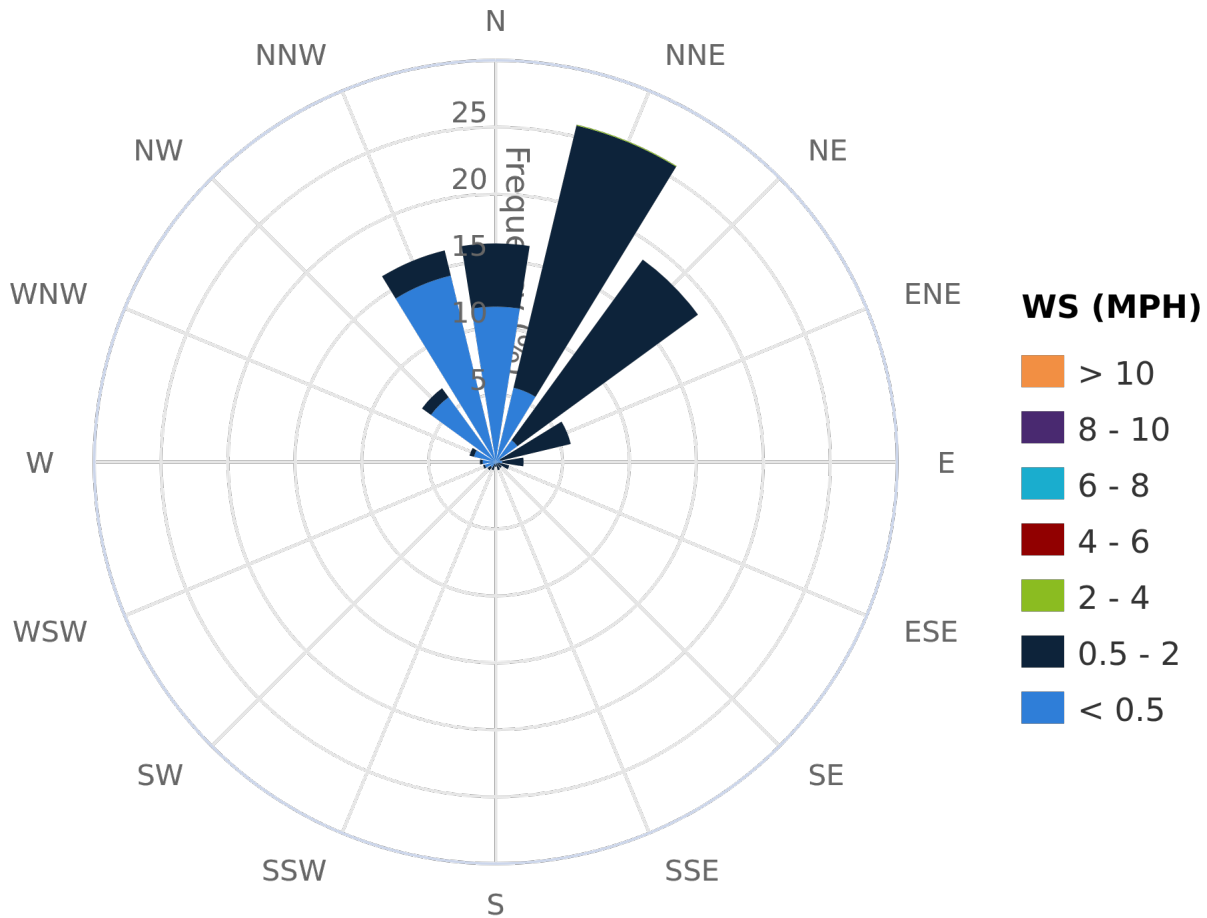


Figure 3 : Wind Rose Chart (WS in MPH)



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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	9.1	8.5	17.6	8.4	3.6	3.2	4.2	4.8	0.061	0.004	0.066	0.000
00:15:00	8.8	7.9	16.9	8.0	3.6	3.2	3.7	4.5	0.053	0.003	0.061	0.000
00:30:00	8.6	8.2	15.4	7.5	3.6	3.4	3.5	4.3	0.046	0.002	0.055	0.000
00:45:00	8.5	8.4	14.0	7.7	3.5	3.5	3.6	4.2	0.037	0.001	0.050	0.000
01:00:00	8.5	9.4	14.4	7.5	3.5	3.7	3.5	4.2	0.032	0.000	0.043	0.000
01:15:00	8.4	8.6	12.8	8.5	3.7	3.7	3.8	4.1	0.018	0.000	0.038	0.000
01:30:00	8.8	8.8	15.6	8.4	4.0	3.7	3.8	4.1	0.013	0.000	0.032	0.000
01:45:00	8.8	9.3	13.6	9.6	3.9	3.8	3.9	3.8	0.008	0.000	0.027	0.000
02:00:00	9.1	8.4	14.8	23.4	4.6	3.7	5.9	4.0	0.002	0.000	0.024	0.000
02:15:00	9.3	9.1	17.9	19.2	4.6	3.9	5.2	4.3	0.000	0.000	0.020	0.000
02:30:00	9.8	9.1	16.5	11.0	4.7	3.9	4.0	4.1	0.000	0.000	0.016	0.000
02:45:00	10.5	9.3	12.5	9.6	5.3	4.0	3.9	3.7	0.000	0.000	0.011	0.000
03:00:00	9.6	9.1	13.9	10.1	4.6	3.9	3.7	3.9	0.000	0.000	0.009	0.000
03:15:00	8.8	9.2	13.8	8.6	4.1	4.1	3.6	3.9	0.000	0.000	0.009	0.000
03:30:00	9.2	9.3	14.0	8.3	4.1	4.2	3.4	3.6	0.000	0.000	0.008	0.000
03:45:00	8.7	9.2	11.2	8.7	3.9	3.9	3.3	3.3	0.000	0.000	0.008	0.000
04:00:00	8.7	9.7	10.8	8.6	3.6	3.9	3.2	3.2	0.000	0.000	0.004	0.000
04:15:00	8.0	8.9	14.1	8.4	3.4	3.8	3.1	3.6	0.000	0.000	0.002	0.000
04:30:00	7.0	9.0	11.7	8.1	3.1	3.8	3.0	3.3	0.000	0.000	0.001	0.000
04:45:00	7.7	8.9	13.5	8.3	3.1	3.6	3.0	3.5	0.000	0.000	0.000	0.000
05:00:00	8.7	8.8	10.4	7.9	3.7	3.8	2.9	3.2	0.000	0.000	0.000	0.000
05:15:00	9.3	9.5	13.1	8.3	3.9	4.0	2.9	3.3	0.000	0.000	0.000	0.000
05:30:00	8.7	9.2	10.1	8.3	3.5	3.9	2.9	3.1	0.000	0.000	0.000	0.000
05:45:00	8.6	8.7	10.4	7.7	3.4	3.7	2.9	3.0	0.000	0.000	0.000	0.000
06:00:00	9.6	8.8	10.8	9.6	3.4	3.5	3.1	3.1	0.000	0.000	0.000	0.000
06:15:00	8.7	9.0	10.7	7.9	3.3	3.6	2.9	3.1	0.000	0.000	0.000	0.000
06:30:00	9.5	8.9	10.6	9.1	3.3	3.7	3.0	3.2	0.000	0.000	0.000	0.000
06:45:00	9.6	8.3	11.7	7.6	3.3	3.4	3.0	3.4	0.000	0.000	0.000	0.000
07:00:00	8.4	8.8	11.0	8.9	3.4	3.5	3.2	3.1	0.000	0.000	0.000	0.000
07:15:00	8.6	8.3	9.5	8.2	3.4	3.3	3.2	3.2	0.000	0.000	0.000	0.000
07:30:00	8.7	8.2	10.8	7.8	3.7	3.2	3.6	3.4	0.000	0.000	0.000	0.000
07:45:00	9.4	9.3	10.9	9.2	4.0	3.4	3.9	3.2	0.000	0.000	0.000	0.000
08:00:00	9.8	9.8	10.1	11.8	4.2	3.6	4.1	3.4	0.000	0.000	0.000	0.000
08:15:00	9.2	8.7	9.9	9.6	4.3	3.6	4.1	3.6	0.000	0.000	0.000	0.000
08:30:00	9.3	8.2	9.8	8.3	3.9	3.5	3.7	3.8	0.000	0.000	0.000	0.000
08:45:00	9.1	7.9	8.4	7.6	3.8	3.4	3.4	3.6	0.000	0.000	0.000	0.000
09:00:00	9.3	7.9	7.9	7.6	3.7	3.3	3.3	3.4	0.000	0.000	0.000	0.000
09:15:00	9.1	7.9	8.0	7.7	3.7	3.4	3.4	3.5	0.000	0.000	0.000	0.000
09:30:00	8.9	7.9	7.7	7.6	3.7	3.4	3.4	3.4	0.000	0.000	0.000	0.000
09:45:00	8.7	7.6	7.3	7.2	3.6	3.3	3.4	3.4	0.000	0.000	0.000	0.000
10:00:00	8.1	7.1	7.3	7.5	3.5	3.2	3.3	3.3	0.000	0.000	0.000	0.002
10:15:00	6.7	7.0	7.0	7.0	3.0	3.1	3.2	3.2	0.000	0.000	0.000	0.008
10:30:00	7.6	6.4	6.7	6.7	3.3	2.9	3.0	3.1	0.000	0.000	0.000	0.011
10:45:00	8.0	6.1	6.6	6.9	3.4	2.7	3.1	3.1	0.000	0.000	0.000	0.010
11:00:00	8.2	7.4	7.3	7.8	3.5	3.3	3.5	3.3	0.000	0.000	0.000	0.014
11:15:00	8.2	7.8	7.2	7.3	3.5	3.3	3.4	3.5	0.000	0.000	0.000	0.011
11:30:00	8.5	7.5	6.9	7.5	3.7	3.4	3.5	3.3	0.000	0.000	0.000	0.003
11:45:00	10.5	7.8	7.6	7.7	4.1	3.4	3.9	3.8	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	9.1	7.5	40.4	7.8	4.0	3.5	3.7	8.5	0.000	0.000	0.000	0.000
12:15:00	9.7	8.5	27.6	7.9	4.5	4.0	4.1	7.1	0.000	0.000	0.000	0.000
12:30:00	8.5	8.1	8.7	8.3	4.5	4.2	4.3	4.2	0.000	0.000	0.000	0.000
12:45:00	8.5	8.1	7.9	7.6	4.2	4.1	3.9	3.9	0.000	0.000	0.000	0.000
13:00:00	7.8	7.4	7.8	7.8	3.6	3.8	4.1	3.8	0.000	0.000	0.000	0.000
13:15:00	7.9	7.6	7.2	7.4	3.8	3.8	3.8	3.7	0.000	0.000	0.000	0.000
13:30:00	11.8	7.5	8.5	7.3	4.2	3.8	3.9	3.7	0.000	0.000	0.000	0.000
13:45:00	8.7	7.4	7.9	7.7	4.0	3.8	3.9	3.8	0.000	0.000	0.000	0.000
14:00:00	11.5	7.4	6.9	7.3	4.1	3.9	3.8	3.6	0.000	0.000	0.000	0.000
14:15:00	7.7	7.4	7.2	7.3	3.8	3.9	3.8	3.6	0.000	0.000	0.000	0.000
14:30:00	7.7	7.6	7.6	7.5	3.8	3.9	4.0	3.8	0.000	0.000	0.000	0.000
14:45:00	7.9	7.4	7.1	7.2	3.8	3.9	3.8	3.7	0.000	0.000	0.000	0.000
15:00:00	7.3	8.1	6.9	7.0	3.7	4.5	3.8	3.7	0.000	0.000	0.000	0.000
15:15:00	7.2	7.1	6.6	6.8	3.6	3.7	3.6	3.5	0.000	0.000	0.000	0.000
15:30:00	21.2	7.0	7.1	7.0	5.5	3.6	3.7	3.5	0.000	0.000	0.000	0.000
15:45:00	7.3	7.4	7.4	6.9	3.5	3.7	3.6	3.5	0.000	0.000	0.000	0.000
16:00:00	7.3	7.2	7.1	6.6	3.5	3.6	3.5	3.5	0.000	0.000	0.000	0.000
16:15:00	13.4	7.5	6.8	6.8	4.2	3.9	3.4	3.4	0.000	0.000	0.000	0.000
16:30:00	10.0	7.2	7.4	6.9	5.8	3.6	3.4	3.4	0.000	0.000	0.000	0.000
16:45:00	10.1	6.9	7.0	7.3	4.0	3.5	3.5	3.4	0.000	0.000	0.000	0.000
17:00:00	7.1	7.2	6.7	6.4	3.4	3.6	3.4	3.4	0.000	0.000	0.000	0.000
17:15:00	15.0	7.2	7.0	6.7	4.2	3.6	3.5	3.5	0.000	0.000	0.000	0.000
17:30:00	8.0	7.5	7.6	6.6	3.6	3.7	3.4	3.6	0.000	0.000	0.000	0.000
17:45:00	7.8	7.9	8.7	7.0	3.7	4.0	3.6	3.7	0.000	0.000	0.000	0.000
18:00:00	7.9	7.8	8.8	7.3	3.7	4.0	3.7	3.9	0.000	0.000	0.000	0.000
18:15:00	8.6	8.0	8.1	7.7	4.2	3.9	3.8	3.9	0.000	0.000	0.000	0.000
18:30:00	12.6	7.8	8.0	7.3	7.0	3.9	3.8	3.9	0.000	0.000	0.000	0.000
18:45:00	45.8	7.9	8.9	7.4	7.2	3.9	3.9	4.4	0.000	0.000	0.000	0.000
19:00:00	8.1	7.6	8.8	7.2	3.9	3.9	3.9	4.1	0.000	0.000	0.000	0.001
19:15:00	9.0	7.4	7.6	7.1	4.7	3.6	3.7	3.7	0.000	0.000	0.000	0.000
19:30:00	12.8	7.3	8.0	7.4	7.5	3.6	3.6	3.7	0.000	0.003	0.000	0.005
19:45:00	17.9	7.3	8.0	7.3	11.0	3.5	3.7	3.5	0.004	0.007	0.000	0.017
20:00:00	11.3	7.3	10.8	7.1	6.0	3.5	3.6	3.9	0.056	0.011	0.000	0.037
20:15:00	9.5	7.2	9.7	7.2	4.6	3.5	3.6	3.7	0.099	0.014	0.009	0.047
20:30:00	13.3	7.3	8.1	7.2	4.0	3.3	3.3	3.4	0.120	0.015	0.064	0.054
20:45:00	12.9	6.8	8.3	6.7	3.7	3.0	3.2	3.1	0.145	0.015	0.105	0.056
21:00:00	7.4	6.6	7.5	6.9	3.1	2.8	3.2	3.0	0.156	0.015	0.131	0.056
21:15:00	7.5	7.1	8.3	7.1	3.1	2.8	3.2	3.1	0.162	0.015	0.148	0.054
21:30:00	7.4	7.0	8.8	7.3	3.1	2.8	3.2	3.2	0.163	0.014	0.157	0.049
21:45:00	7.9	7.2	10.0	7.3	3.2	2.9	3.2	3.3	0.166	0.014	0.161	0.047
22:00:00	7.5	7.1	9.4	7.0	3.0	2.9	3.1	3.3	0.161	0.014	0.156	0.045
22:15:00	7.1	7.0	11.1	6.6	3.0	2.9	2.9	3.3	0.152	0.012	0.151	0.038
22:30:00	6.6	6.3	8.7	6.7	2.8	2.8	2.9	3.1	0.146	0.010	0.147	0.031
22:45:00	6.9	6.4	10.4	6.8	2.9	2.8	2.9	3.2	0.139	0.010	0.141	0.029
23:00:00	7.2	6.5	11.0	6.7	2.9	2.8	2.9	3.2	0.134	0.009	0.131	0.024
23:15:00	7.0	6.7	9.6	6.5	2.9	2.8	2.9	3.1	0.122	0.008	0.122	0.018
23:30:00	6.8	6.4	13.3	6.6	2.9	2.7	2.9	3.4	0.111	0.006	0.113	0.013
23:45:00	7.0	6.2	18.7	6.2	2.9	2.7	2.8	3.8	0.106	0.006	0.105	0.009



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

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