



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-05-17

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.224 to 6.420	2943 SE	3061 ESE	2996 E	2997 NE	Min : 71.96 Max : 98.24	Min : 45.30 Max : 88.40	Min : 30.01 Max : 30.23

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	17.0	49.8	8.1	20.3	0.005	0.029
2996	15.1	31.3	7.7	19.9	0.002	0.025
2997	14.3	26.9	7.1	16.9	0.002	0.019
3061	15.6	30.0	8.1	19.3	0.001	0.004



Figure 1 : Monitoring Locations

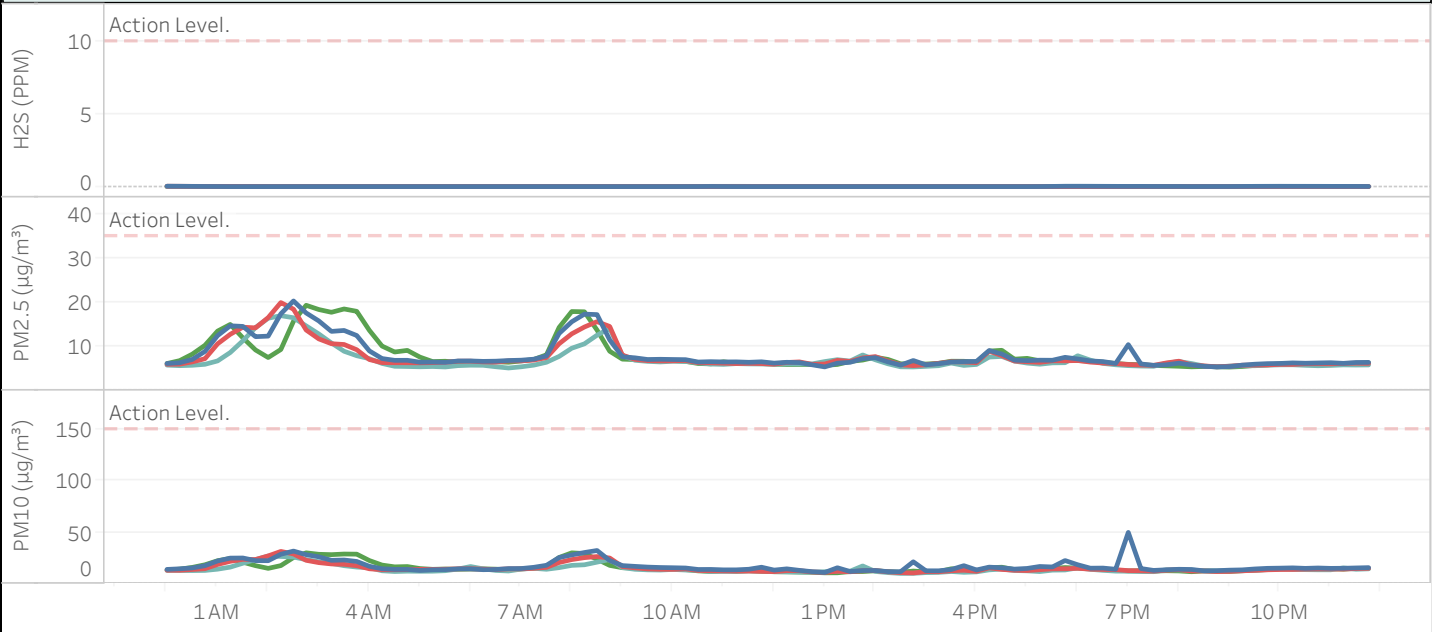


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2996 ■ 2997 ■ 3061



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Wind Rose Chart 2943

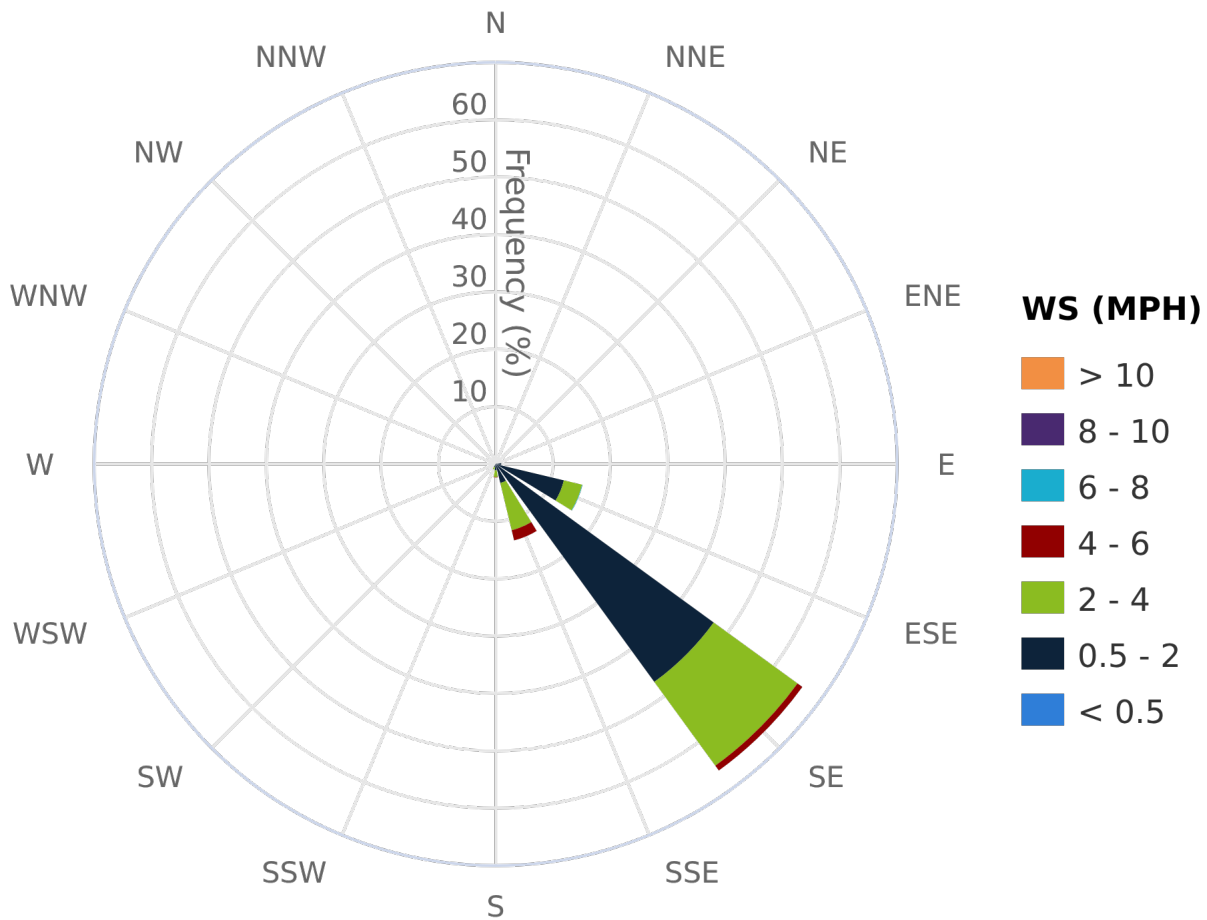


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

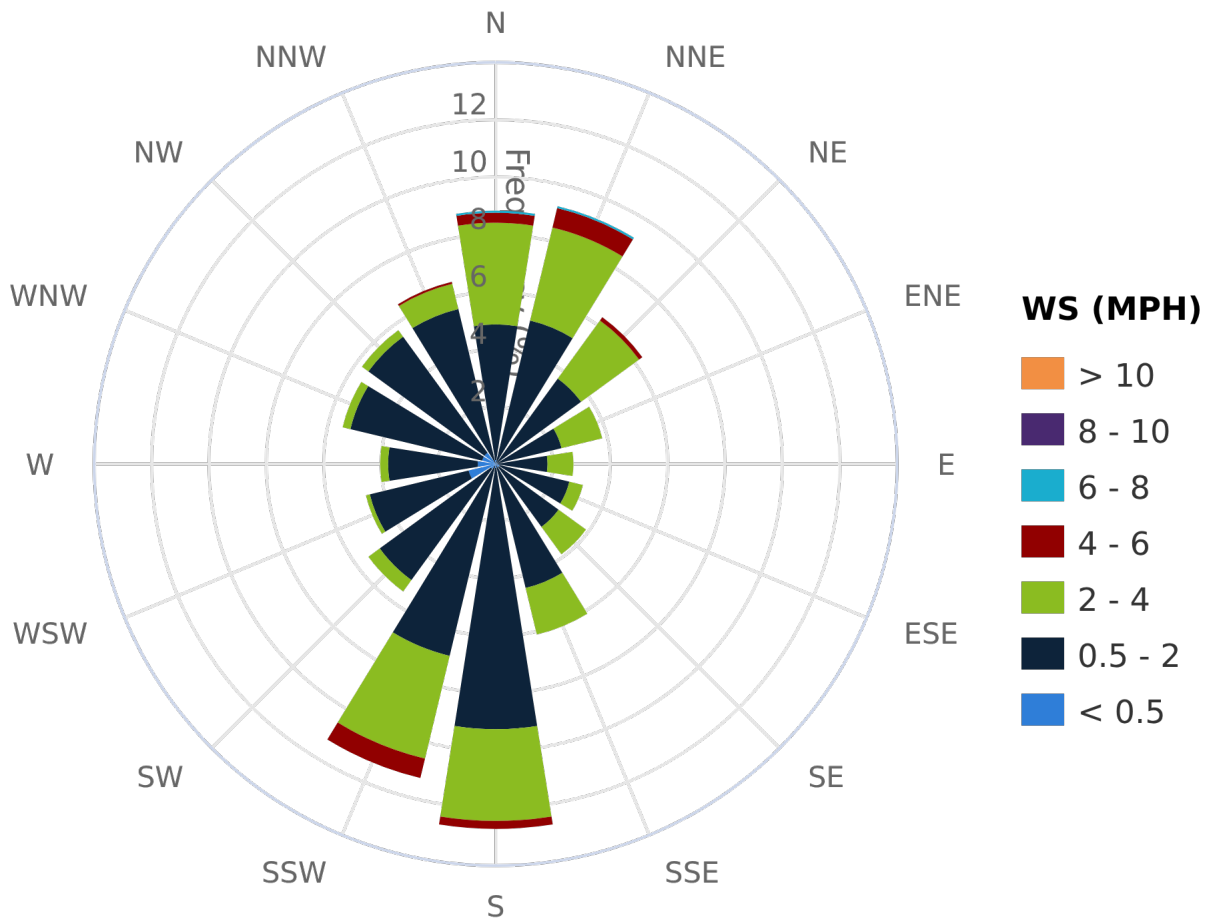


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

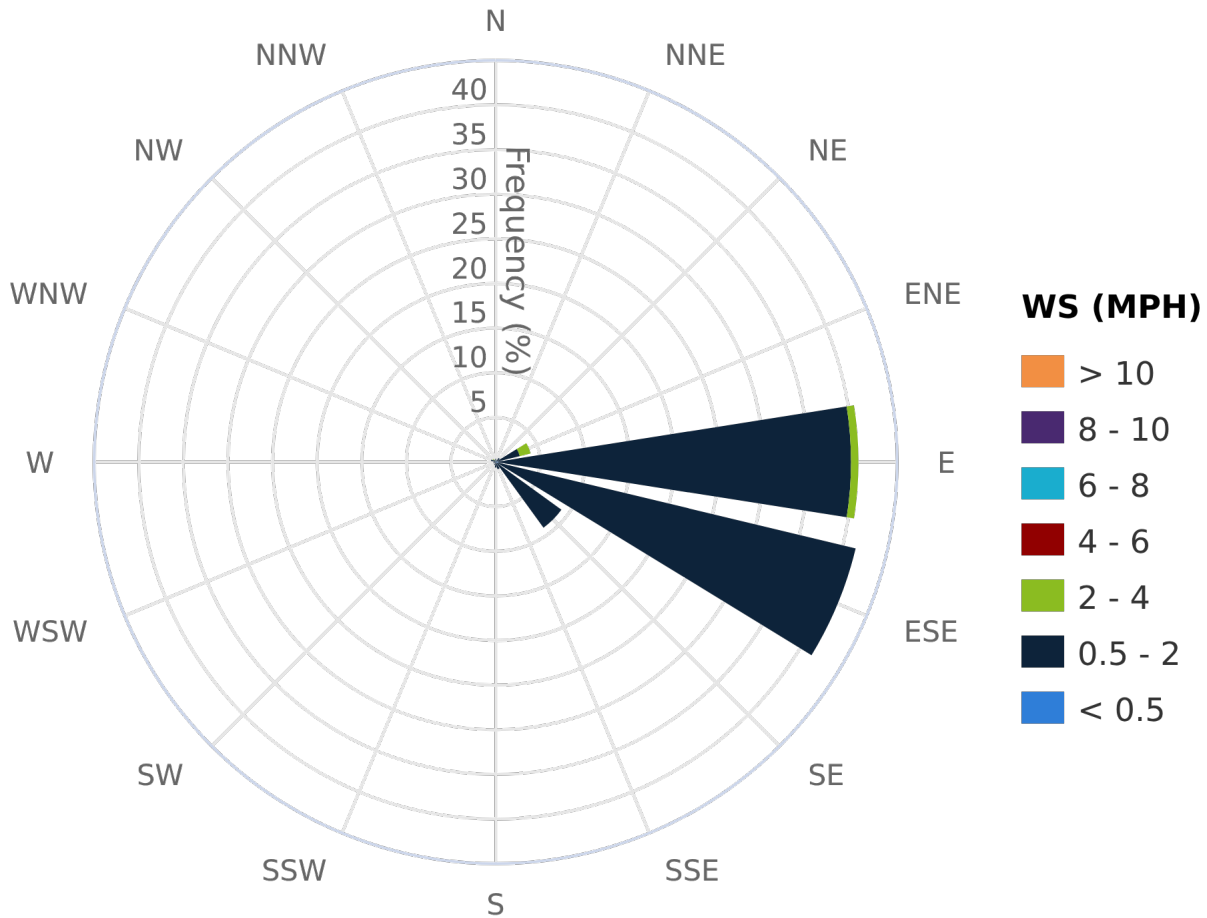


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

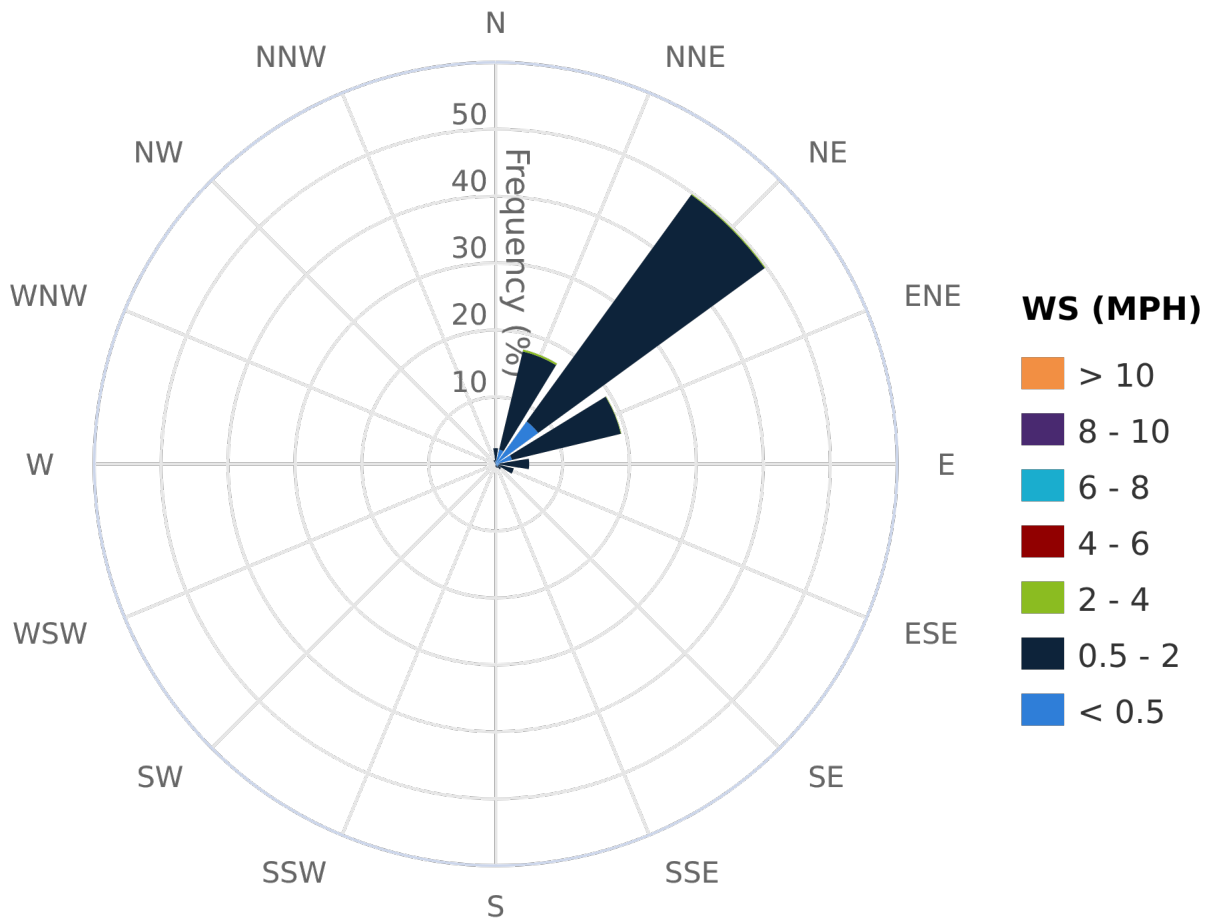


Figure 3 : Wind Rose Chart (WS in MPH)



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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	13.9	13.3	12.9	13.1	6.1	6.1	6.0	5.8	0.029	0.001	0.025	0.000
00:15:00	14.5	14.2	12.9	13.1	6.3	6.8	6.0	5.6	0.024	0.000	0.021	0.000
00:30:00	15.3	15.9	12.8	13.8	7.1	8.2	6.5	5.7	0.016	0.000	0.018	0.000
00:45:00	17.5	18.4	12.9	14.6	8.9	10.3	7.2	6.0	0.010	0.000	0.015	0.000
01:00:00	22.1	22.3	14.1	18.7	12.4	13.5	10.6	6.7	0.006	0.000	0.011	0.000
01:15:00	24.9	24.5	16.1	21.8	14.7	15.0	12.7	8.6	0.000	0.000	0.008	0.000
01:30:00	25.0	20.9	19.9	23.6	14.5	11.9	14.3	11.3	0.000	0.000	0.005	0.000
01:45:00	22.4	17.5	23.5	23.5	12.2	9.2	14.2	14.3	0.000	0.000	0.004	0.000
02:00:00	22.3	14.9	26.9	27.0	12.3	7.5	16.5	16.4	0.000	0.000	0.000	0.000
02:15:00	28.6	17.6	26.4	31.3	17.4	9.3	19.9	16.9	0.000	0.000	0.000	0.000
02:30:00	31.7	25.4	25.9	28.9	20.3	15.7	18.4	16.5	0.000	0.000	0.000	0.000
02:45:00	28.2	30.0	23.4	22.7	17.6	19.3	13.7	14.6	0.000	0.000	0.000	0.000
03:00:00	26.1	28.6	21.3	20.5	15.8	18.3	11.7	12.8	0.000	0.000	0.000	0.000
03:15:00	22.7	28.2	19.7	19.2	13.4	17.7	10.6	10.8	0.000	0.000	0.000	0.000
03:30:00	23.0	28.8	17.5	18.9	13.6	18.5	10.4	8.9	0.000	0.000	0.000	0.000
03:45:00	21.6	28.7	16.2	17.5	12.5	17.9	9.2	7.9	0.000	0.000	0.000	0.000
04:00:00	16.9	22.5	15.5	14.5	9.0	13.6	7.0	7.2	0.000	0.000	0.000	0.000
04:15:00	14.5	18.1	12.6	13.6	7.3	10.1	6.3	6.1	0.000	0.000	0.000	0.000
04:30:00	13.9	16.4	11.9	13.6	6.8	8.7	6.3	5.5	0.000	0.000	0.000	0.000
04:45:00	13.9	16.7	12.2	13.7	6.9	9.1	6.3	5.5	0.000	0.000	0.000	0.000
05:00:00	12.9	14.7	12.1	14.0	6.4	7.6	6.3	5.4	0.000	0.000	0.000	0.000
05:15:00	13.5	14.0	12.2	13.8	6.5	6.6	6.3	5.5	0.000	0.000	0.000	0.000
05:30:00	13.7	14.3	12.7	14.1	6.4	6.6	6.4	5.3	0.000	0.000	0.000	0.000
05:45:00	14.4	14.0	14.2	14.5	6.7	6.4	6.7	5.6	0.000	0.000	0.000	0.000
06:00:00	14.4	14.2	16.7	14.6	6.7	6.6	6.7	5.7	0.000	0.000	0.000	0.000
06:15:00	13.6	14.4	14.4	14.1	6.6	6.6	6.5	5.7	0.000	0.000	0.000	0.000
06:30:00	13.8	14.2	12.9	13.8	6.7	6.5	6.4	5.4	0.000	0.000	0.000	0.000
06:45:00	14.7	13.5	12.4	14.4	6.8	6.4	6.7	5.1	0.000	0.000	0.000	0.000
07:00:00	14.7	14.4	14.2	14.4	6.9	6.7	6.7	5.4	0.000	0.000	0.000	0.000
07:15:00	15.9	15.0	15.0	15.0	7.1	7.0	6.9	5.8	0.000	0.000	0.000	0.000
07:30:00	17.9	16.8	14.0	15.9	7.8	8.1	7.5	6.4	0.000	0.000	0.000	0.000
07:45:00	25.4	25.5	15.6	20.6	12.9	14.3	10.6	7.7	0.000	0.000	0.000	0.000
08:00:00	28.0	30.0	17.8	23.4	15.6	17.9	12.8	9.6	0.000	0.000	0.000	0.000
08:15:00	30.3	29.3	18.4	25.3	17.3	17.8	14.4	10.6	0.000	0.000	0.000	0.000
08:30:00	32.2	23.7	20.9	26.4	17.2	13.7	15.6	12.5	0.000	0.000	0.000	0.000
08:45:00	22.5	17.8	23.5	24.9	11.5	8.9	14.5	14.1	0.000	0.000	0.000	0.000
09:00:00	17.6	15.5	15.7	16.7	7.6	7.1	8.0	7.9	0.000	0.000	0.000	0.000
09:15:00	16.8	15.3	14.0	15.4	7.4	7.0	7.1	6.9	0.000	0.000	0.000	0.000
09:30:00	16.2	14.5	13.5	14.4	7.0	6.9	6.8	6.6	0.000	0.000	0.000	0.000
09:45:00	15.7	14.4	13.3	14.0	7.1	6.8	6.7	6.5	0.000	0.000	0.000	0.000
10:00:00	15.5	14.5	13.9	14.0	7.0	6.8	6.7	6.6	0.001	0.000	0.000	0.000
10:15:00	15.3	13.7	13.3	14.4	7.0	6.6	6.8	6.6	0.002	0.001	0.000	0.002
10:30:00	13.8	12.5	13.0	12.9	6.5	6.1	6.3	6.3	0.004	0.000	0.000	0.010
10:45:00	13.9	11.9	11.8	12.6	6.6	6.0	6.3	6.0	0.011	0.000	0.000	0.018
11:00:00	13.5	13.0	11.9	12.4	6.5	6.5	6.2	5.9	0.005	0.000	0.000	0.018
11:15:00	13.5	12.2	11.9	12.3	6.5	6.1	6.1	6.1	0.000	0.000	0.000	0.019
11:30:00	14.1	12.7	12.4	12.3	6.4	6.2	6.2	6.0	0.000	0.000	0.000	0.017
11:45:00	16.0	12.1	12.3	12.0	6.5	6.1	6.1	6.0	0.000	0.000	0.000	0.015



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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	13.2	11.6	11.7	11.7	6.2	6.0	6.0	6.0	0.000	0.000	0.000	0.014
12:15:00	14.5	11.6	11.4	12.7	6.4	5.9	6.4	6.0	0.000	0.000	0.000	0.013
12:30:00	13.0	11.4	11.2	12.7	6.3	5.9	6.5	6.0	0.000	0.000	0.000	0.008
12:45:00	11.7	11.1	11.2	11.4	5.8	5.9	5.9	6.0	0.000	0.000	0.000	0.000
13:00:00	11.0	10.6	11.7	10.9	5.4	5.7	6.0	6.6	0.000	0.000	0.000	0.000
13:15:00	15.5	10.6	12.1	12.1	6.2	5.9	6.8	7.0	0.000	0.000	0.000	0.000
13:30:00	11.9	11.8	12.2	11.6	6.4	6.6	6.6	6.7	0.000	0.000	0.000	0.000
13:45:00	12.8	11.8	17.3	12.6	7.2	6.9	7.4	8.1	0.000	0.000	0.000	0.000
14:00:00	12.9	12.6	11.9	12.8	7.4	7.6	7.7	7.0	0.000	0.000	0.000	0.000
14:15:00	11.8	11.8	10.8	11.5	6.5	7.1	6.7	6.1	0.000	0.000	0.000	0.000
14:30:00	11.7	11.1	10.0	10.8	5.8	6.1	5.8	5.4	0.000	0.000	0.000	0.000
14:45:00	21.3	12.3	10.1	10.5	6.8	6.1	5.7	5.3	0.000	0.000	0.000	0.000
15:00:00	12.6	11.5	10.8	11.8	5.8	6.0	5.8	5.5	0.000	0.000	0.000	0.000
15:15:00	12.6	11.7	11.0	11.7	6.1	6.2	6.2	5.6	0.000	0.000	0.000	0.000
15:30:00	13.8	14.5	11.9	12.6	6.5	6.6	6.5	6.2	0.000	0.000	0.000	0.000
15:45:00	17.5	14.3	11.1	13.1	6.6	6.6	6.5	5.7	0.000	0.000	0.000	0.000
16:00:00	13.4	12.5	11.5	12.1	6.6	6.4	6.3	5.9	0.000	0.000	0.000	0.000
16:15:00	16.1	15.6	13.5	15.5	9.1	8.9	8.9	7.6	0.000	0.000	0.000	0.000
16:30:00	15.5	16.0	14.2	13.9	8.3	9.1	7.9	7.7	0.000	0.000	0.000	0.000
16:45:00	14.2	13.8	12.8	13.1	6.9	7.1	6.7	6.7	0.000	0.000	0.000	0.000
17:00:00	14.9	13.9	12.5	12.8	6.8	7.3	6.5	6.2	0.000	0.000	0.000	0.001
17:15:00	16.7	13.8	11.8	13.6	6.9	6.7	6.4	6.0	0.004	0.000	0.000	0.002
17:30:00	16.3	14.8	13.2	14.5	6.9	6.8	6.7	6.3	0.013	0.003	0.000	0.003
17:45:00	22.5	15.7	13.4	14.5	7.5	6.9	6.7	6.3	0.025	0.004	0.000	0.005
18:00:00	18.4	15.2	15.4	15.0	7.2	6.8	6.8	7.9	0.026	0.004	0.000	0.008
18:15:00	15.1	14.5	14.0	14.1	6.7	6.7	6.4	6.9	0.023	0.003	0.000	0.009
18:30:00	15.2	14.3	13.0	13.8	6.6	6.4	6.2	6.2	0.020	0.003	0.000	0.006
18:45:00	14.1	13.2	12.2	13.7	6.1	6.1	6.1	5.8	0.017	0.003	0.000	0.006
19:00:00	49.8	12.4	12.2	12.7	10.4	5.9	5.9	5.6	0.013	0.003	0.000	0.006
19:15:00	14.8	12.7	11.8	12.6	6.0	5.9	5.8	5.6	0.015	0.003	0.000	0.001
19:30:00	12.9	12.2	11.7	12.2	5.7	5.7	5.7	5.5	0.010	0.002	0.000	0.000
19:45:00	13.5	12.6	13.5	13.1	5.8	5.6	6.3	6.2	0.009	0.001	0.000	0.002
20:00:00	14.0	12.4	13.4	13.7	6.2	5.5	6.7	6.6	0.009	0.001	0.000	0.001
20:15:00	13.8	11.7	13.2	12.4	5.8	5.4	5.8	6.1	0.003	0.002	0.000	0.002
20:30:00	12.5	12.4	12.5	12.4	5.5	5.5	5.6	5.6	0.005	0.001	0.000	0.002
20:45:00	12.7	12.1	12.4	11.8	5.4	5.4	5.4	5.3	0.006	0.001	0.000	0.001
21:00:00	13.2	12.0	12.8	12.0	5.4	5.3	5.5	5.6	0.006	0.001	0.000	0.002
21:15:00	13.5	12.6	12.9	12.5	5.8	5.4	5.8	5.6	0.011	0.001	0.000	0.003
21:30:00	14.4	13.3	13.0	13.0	6.0	5.7	5.8	5.6	0.018	0.001	0.007	0.002
21:45:00	15.0	13.8	13.6	13.5	6.1	5.8	5.8	5.7	0.020	0.002	0.008	0.002
22:00:00	15.1	14.4	14.7	13.8	6.1	6.1	5.9	5.8	0.022	0.002	0.009	0.001
22:15:00	15.4	14.7	13.9	13.9	6.3	6.1	5.9	5.8	0.020	0.002	0.007	0.002
22:30:00	14.9	14.4	13.7	14.2	6.2	6.1	6.1	5.7	0.020	0.001	0.008	0.001
22:45:00	15.3	14.3	13.5	14.3	6.3	6.0	6.1	5.6	0.018	0.002	0.008	0.000
23:00:00	14.9	14.6	13.5	14.3	6.3	6.1	6.1	5.7	0.017	0.002	0.006	0.000
23:15:00	15.0	14.1	15.4	14.2	6.2	6.1	6.2	5.8	0.015	0.001	0.005	0.000
23:30:00	15.3	14.9	14.0	14.7	6.4	6.1	6.2	5.8	0.014	0.001	0.006	0.000
23:45:00	15.6	14.8	14.5	15.0	6.4	6.3	6.2	5.8	0.009	0.001	0.003	0.000



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

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