



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-06-18

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.179 to 7.561	2943 SSE	3061 SSW	2996 E	2997 NE	Min : 75.74 Max : 102.6	Min : 50.90 Max : 88.40	Min : 29.90 Max : 30.08

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	24.0	41.2	10.2	15.2	0.006	0.050
2996	21.8	50.8	9.7	14.4	0.007	0.062
2997	31.6	73.1	9.9	15.8	0.003	0.032
3061	24.4	52.5	11.2	27.2	0.001	0.011



Figure 1 : Monitoring Locations

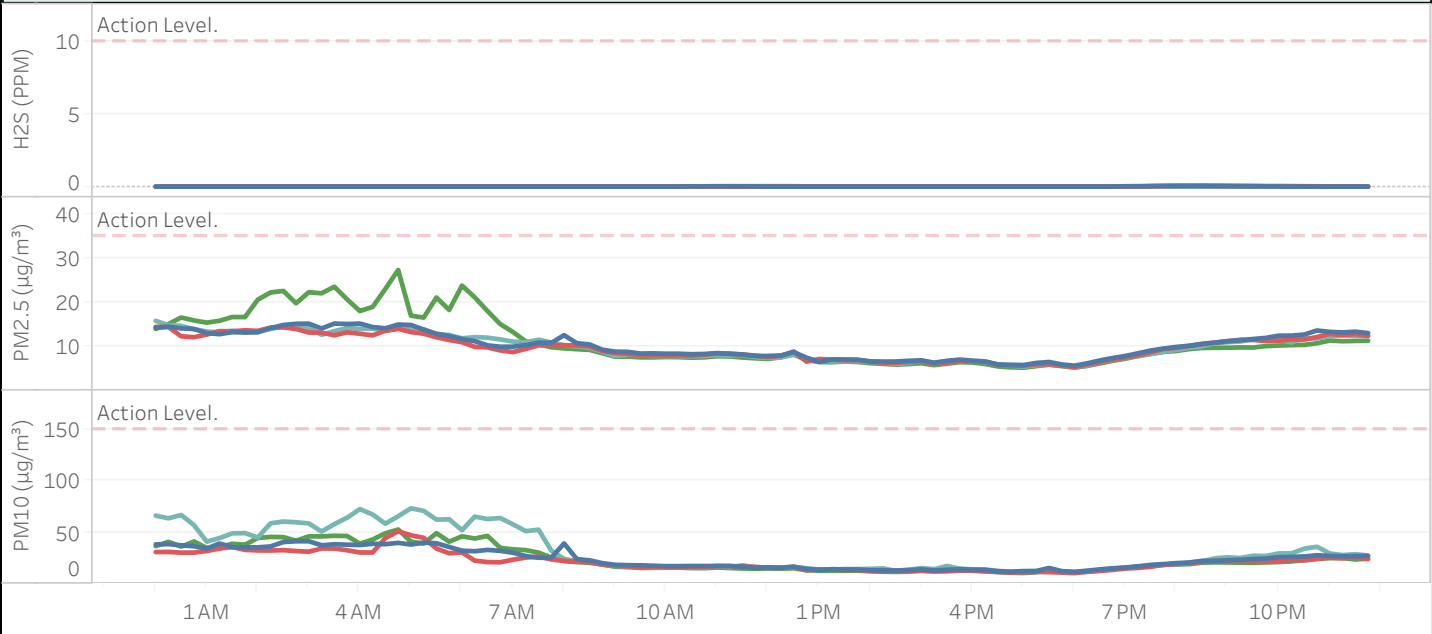


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2996 ■ 2997 ■ 3061



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Wind Rose Chart 2943

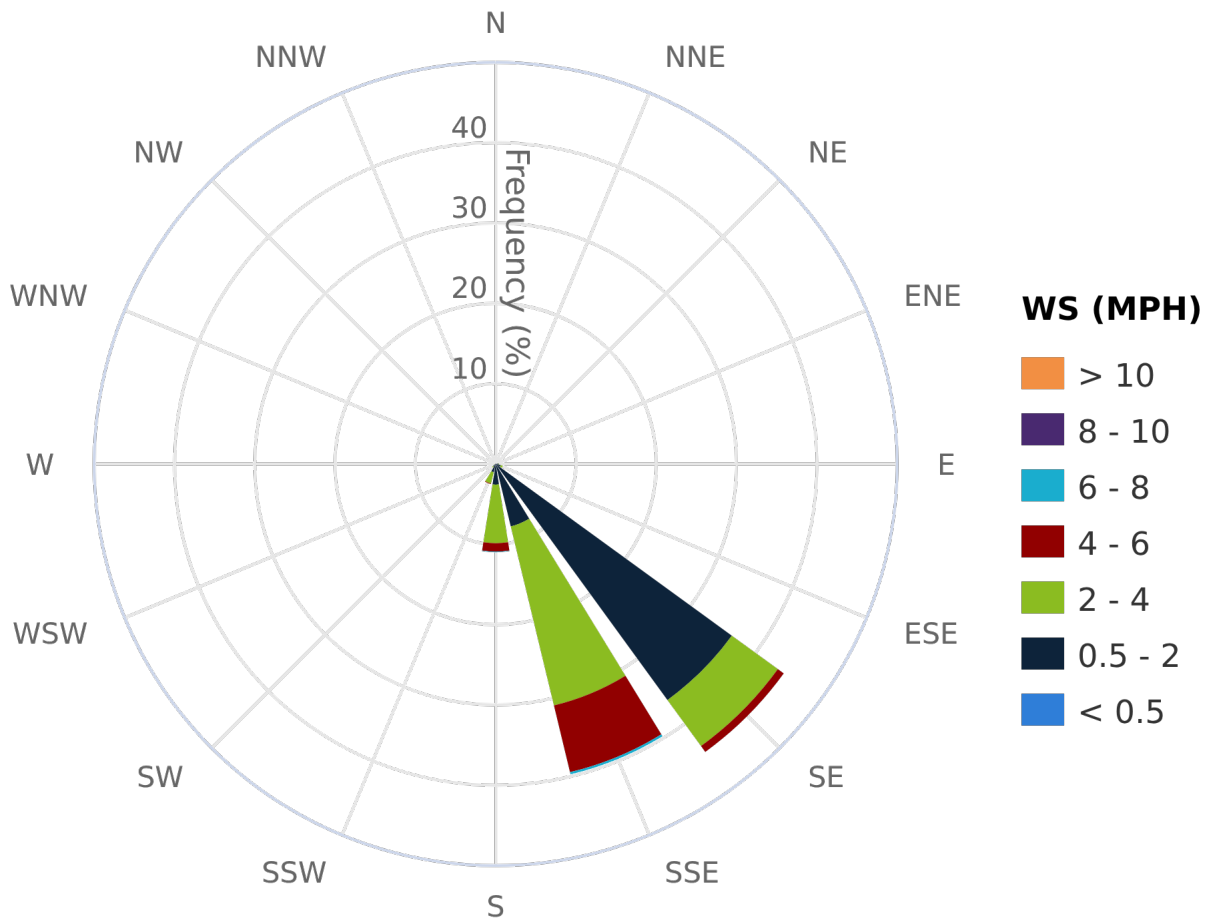


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

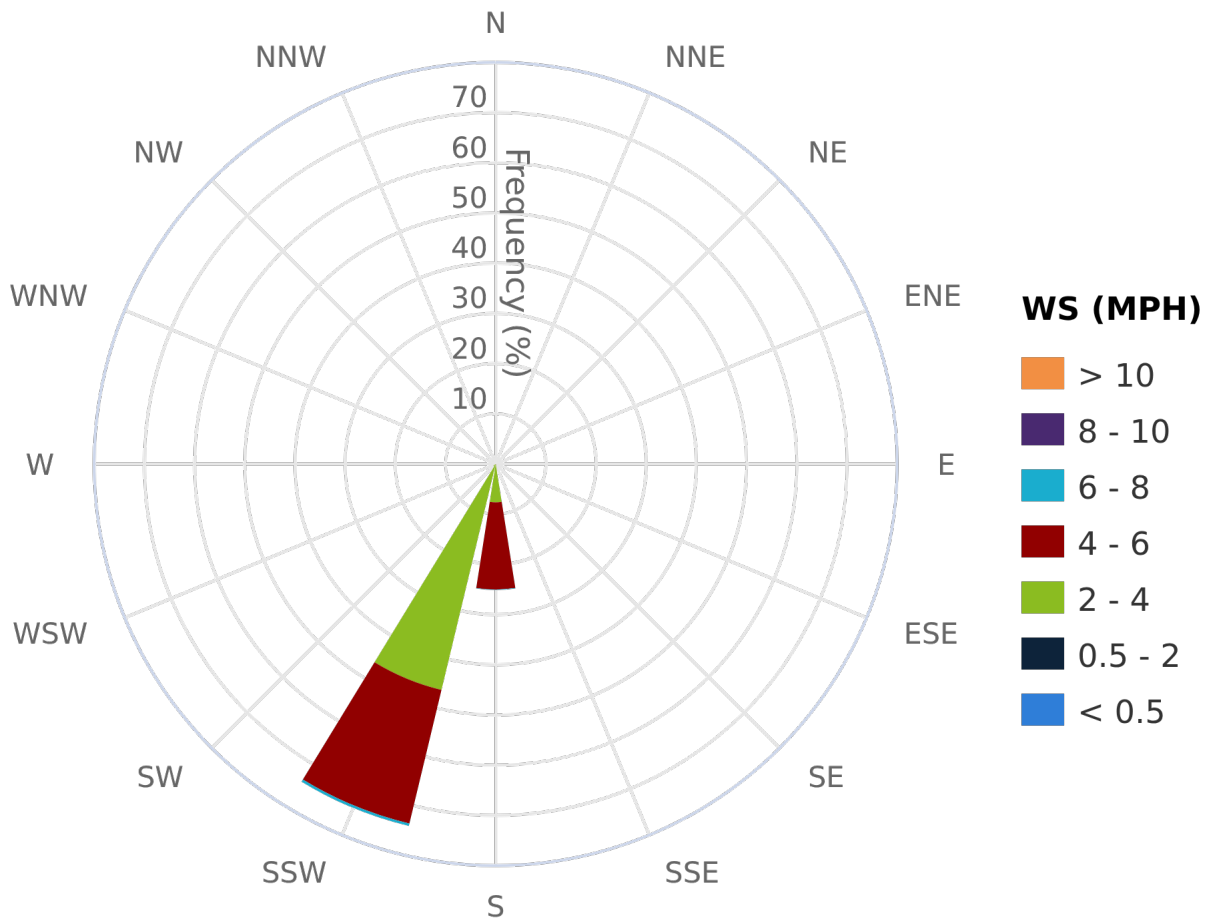


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

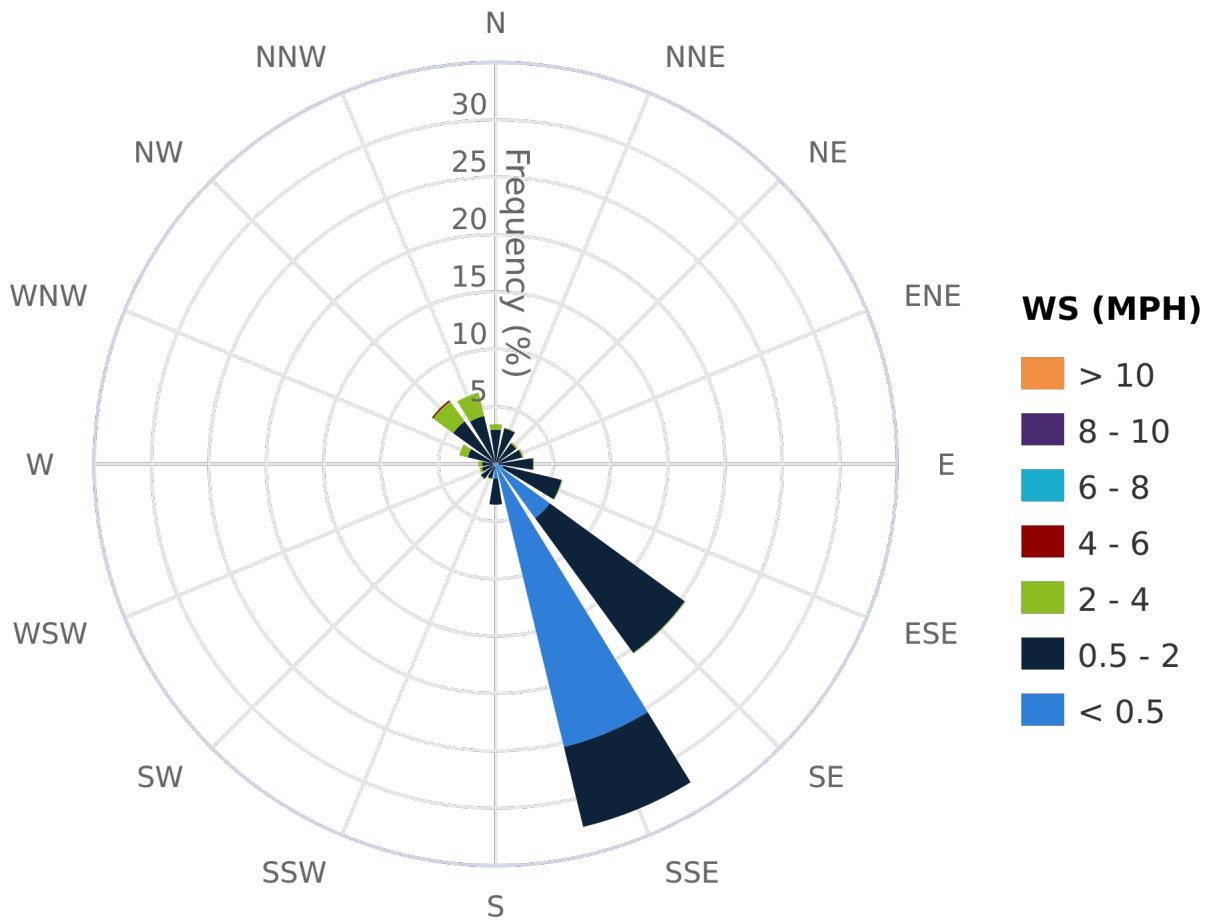


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

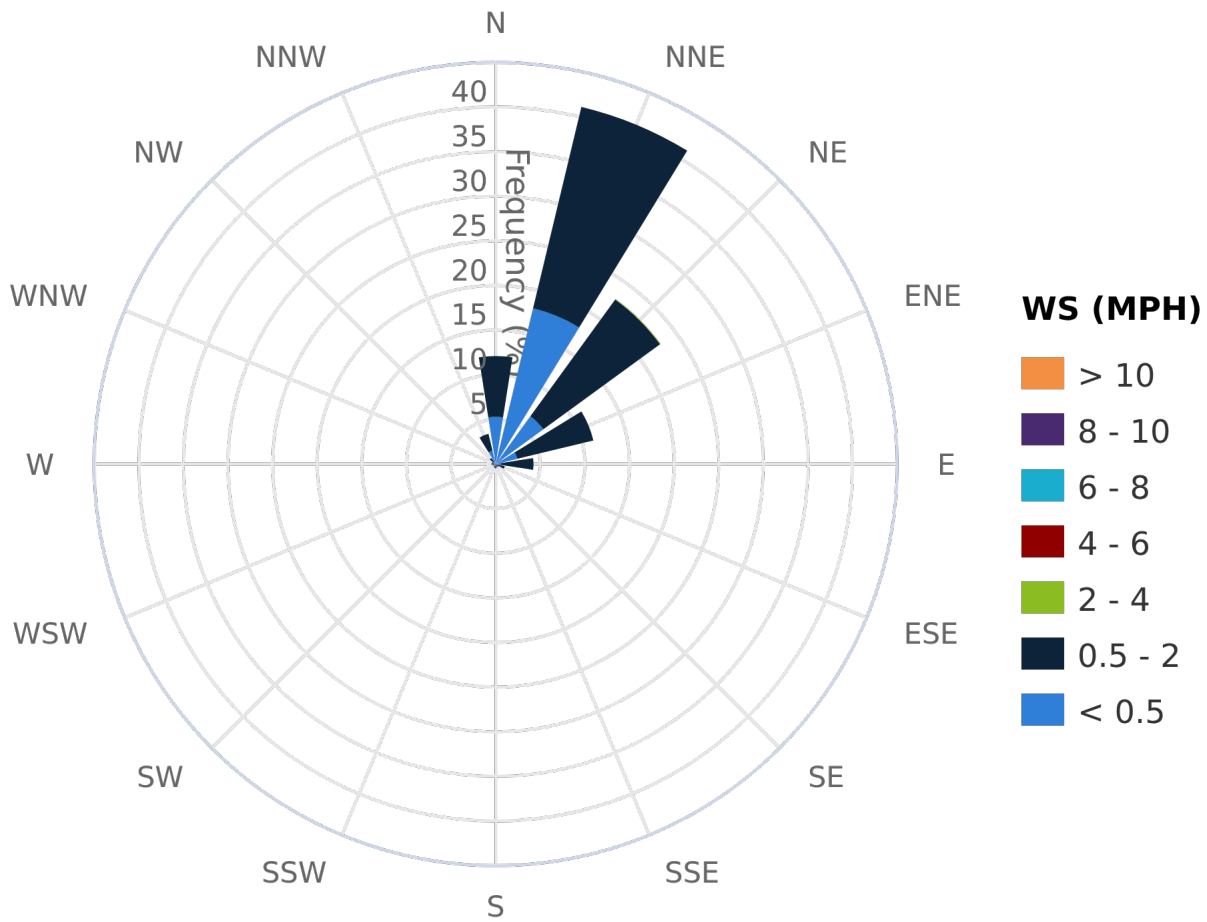


Figure 3 : Wind Rose Chart (WS in MPH)



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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	38.1	36.4	66.0	30.7	14.2	14.0	14.4	15.8	0.000	0.000	0.000	0.000
00:15:00	38.4	40.6	63.4	30.8	14.4	15.1	14.4	14.8	0.000	0.000	0.000	0.000
00:30:00	37.2	36.0	66.6	30.1	14.1	16.5	12.3	14.6	0.000	0.000	0.000	0.000
00:45:00	36.4	41.0	56.8	30.2	13.9	15.9	12.1	13.9	0.000	0.000	0.000	0.000
01:00:00	34.1	34.7	40.7	31.8	13.0	15.4	12.7	13.4	0.000	0.000	0.000	0.000
01:15:00	39.0	35.5	44.2	34.1	12.8	15.8	13.4	13.2	0.000	0.000	0.000	0.000
01:30:00	35.4	38.7	48.8	35.6	13.2	16.6	13.4	13.5	0.000	0.000	0.000	0.000
01:45:00	35.3	37.8	49.1	32.8	13.1	16.6	13.6	13.2	0.000	0.000	0.000	0.000
02:00:00	35.3	44.4	44.8	32.3	13.2	20.6	13.5	13.4	0.000	0.000	0.000	0.000
02:15:00	36.2	45.4	58.6	32.2	14.1	22.2	14.3	13.9	0.000	0.000	0.000	0.000
02:30:00	40.4	45.1	60.3	32.6	14.8	22.5	14.3	14.5	0.000	0.000	0.000	0.000
02:45:00	41.2	41.7	59.6	31.7	15.1	19.7	13.9	14.0	0.000	0.000	0.000	0.000
03:00:00	41.2	45.9	58.5	31.1	15.1	22.2	13.1	14.3	0.000	0.000	0.000	0.000
03:15:00	37.3	45.8	50.6	34.2	14.0	22.0	13.1	12.6	0.000	0.000	0.000	0.000
03:30:00	38.3	46.5	57.8	34.1	15.2	23.5	12.5	13.5	0.000	0.000	0.000	0.000
03:45:00	37.9	46.3	64.0	32.5	15.1	20.6	13.2	14.1	0.000	0.000	0.000	0.000
04:00:00	37.5	38.8	72.3	30.3	15.2	18.0	12.9	14.0	0.000	0.000	0.000	0.000
04:15:00	38.8	42.8	67.1	30.3	14.4	18.9	12.5	14.0	0.000	0.000	0.000	0.000
04:30:00	38.3	48.9	58.2	44.3	14.1	23.0	13.5	13.5	0.000	0.000	0.000	0.000
04:45:00	39.6	52.5	65.4	50.8	14.9	27.2	14.0	14.0	0.000	0.000	0.000	0.000
05:00:00	38.0	40.7	73.1	47.0	14.8	16.9	13.2	14.3	0.000	0.000	0.000	0.000
05:15:00	39.8	39.0	70.6	44.5	13.8	16.5	12.9	13.8	0.000	0.000	0.000	0.000
05:30:00	39.2	49.0	62.1	34.1	12.8	21.0	12.1	12.8	0.000	0.000	0.000	0.000
05:45:00	35.7	40.7	62.4	29.5	12.3	18.2	11.4	12.5	0.000	0.000	0.000	0.000
06:00:00	32.0	46.0	51.9	30.4	11.7	23.7	10.9	11.8	0.000	0.000	0.000	0.000
06:15:00	31.5	43.8	65.0	22.4	11.2	21.1	9.9	12.1	0.000	0.000	0.000	0.000
06:30:00	32.8	46.4	62.7	21.0	10.2	18.0	9.8	12.0	0.000	0.000	0.000	0.000
06:45:00	31.9	34.8	63.7	20.8	9.9	15.0	9.1	11.6	0.000	0.000	0.000	0.000
07:00:00	30.1	33.3	57.5	23.3	9.9	13.2	8.7	11.1	0.000	0.000	0.000	0.000
07:15:00	26.8	32.6	51.0	25.4	10.3	11.1	9.4	10.9	0.000	0.000	0.000	0.000
07:30:00	25.2	30.1	52.4	26.4	10.8	10.5	10.2	11.5	0.000	0.000	0.000	0.000
07:45:00	25.2	25.4	32.1	23.6	10.8	9.8	10.3	10.9	0.000	0.000	0.000	0.000
08:00:00	39.1	22.1	24.0	22.2	12.5	9.5	10.2	10.3	0.000	0.000	0.000	0.000
08:15:00	23.9	21.0	21.8	21.6	10.7	9.4	10.2	10.0	0.000	0.000	0.000	0.000
08:30:00	22.7	20.4	21.7	21.0	10.4	9.2	10.0	9.7	0.000	0.000	0.000	0.000
08:45:00	20.0	18.6	18.8	18.6	9.2	8.5	8.9	8.8	0.000	0.000	0.000	0.000
09:00:00	18.4	16.5	17.1	17.6	8.8	7.7	8.5	7.8	0.000	0.000	0.000	0.000
09:15:00	18.0	16.1	16.8	16.8	8.8	7.7	8.3	8.1	0.000	0.000	0.000	0.000
09:30:00	17.9	15.4	16.6	16.5	8.4	7.5	8.0	8.0	0.000	0.000	0.000	0.000
09:45:00	17.4	15.5	16.2	16.7	8.4	7.5	8.0	7.8	0.000	0.001	0.000	0.000
10:00:00	17.1	15.5	16.3	16.4	8.3	7.6	8.0	7.8	0.001	0.001	0.000	0.001
10:15:00	17.1	15.7	16.5	16.4	8.3	7.6	8.0	7.8	0.005	0.000	0.000	0.004
10:30:00	17.2	15.2	15.9	16.2	8.2	7.4	7.9	7.8	0.011	0.000	0.001	0.009
10:45:00	17.2	15.1	16.3	16.5	8.3	7.5	8.2	7.8	0.017	0.000	0.000	0.015
11:00:00	17.2	15.8	16.9	17.3	8.5	7.8	8.4	8.0	0.021	0.000	0.000	0.021
11:15:00	17.1	15.2	16.0	17.1	8.3	7.7	8.4	7.9	0.017	0.000	0.000	0.031
11:30:00	16.5	14.8	17.9	16.6	8.2	7.5	8.1	8.1	0.014	0.000	0.000	0.030
11:45:00	15.5	14.7	15.8	16.4	7.8	7.3	7.9	7.6	0.009	0.000	0.000	0.029



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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	16.0	14.6	15.0	15.5	7.8	7.2	7.6	7.4	0.002	0.000	0.000	0.032
12:15:00	15.4	14.6	15.6	15.6	7.9	7.5	7.9	7.5	0.000	0.000	0.000	0.030
12:30:00	16.5	15.0	16.2	16.4	8.7	8.1	8.8	8.2	0.000	0.000	0.000	0.024
12:45:00	14.3	13.2	15.0	12.9	7.4	6.9	6.5	7.2	0.000	0.000	0.000	0.016
13:00:00	13.2	12.6	13.9	14.0	6.5	6.4	7.1	6.7	0.000	0.000	0.000	0.005
13:15:00	14.2	12.7	13.8	13.8	7.1	6.4	7.0	6.6	0.000	0.000	0.000	0.000
13:30:00	13.8	12.6	14.2	13.3	7.0	6.6	6.9	6.6	0.000	0.000	0.000	0.000
13:45:00	13.8	12.7	14.2	13.3	7.0	6.5	6.9	6.7	0.000	0.000	0.000	0.000
14:00:00	13.1	12.1	14.4	12.6	6.6	6.2	6.6	6.5	0.000	0.000	0.000	0.000
14:15:00	12.9	11.6	14.9	12.6	6.6	6.1	6.4	6.4	0.000	0.000	0.000	0.000
14:30:00	12.9	11.5	12.4	12.1	6.6	5.9	6.3	6.0	0.000	0.000	0.000	0.000
14:45:00	13.2	11.8	13.5	12.7	6.7	6.0	6.5	6.3	0.000	0.000	0.000	0.000
15:00:00	13.9	12.5	15.2	12.9	6.9	6.2	6.7	6.7	0.000	0.000	0.000	0.000
15:15:00	12.9	12.0	14.2	12.0	6.3	5.8	6.1	6.2	0.000	0.000	0.000	0.000
15:30:00	13.5	12.1	17.2	12.6	6.7	6.1	6.3	6.7	0.000	0.000	0.000	0.000
15:45:00	14.1	12.8	14.6	12.7	7.0	6.4	6.7	6.6	0.000	0.000	0.000	0.000
16:00:00	13.6	12.6	14.0	13.0	6.8	6.4	6.6	6.6	0.000	0.000	0.000	0.000
16:15:00	13.5	11.9	13.8	12.6	6.6	6.0	6.5	6.5	0.000	0.000	0.000	0.000
16:30:00	12.1	11.4	12.4	11.3	5.9	5.5	5.8	5.9	0.000	0.000	0.000	0.000
16:45:00	11.7	10.7	11.7	10.9	5.8	5.3	5.7	5.6	0.000	0.000	0.000	0.000
17:00:00	12.3	10.4	11.0	11.1	5.8	5.2	5.6	5.4	0.000	0.000	0.000	0.000
17:15:00	12.4	11.2	12.2	11.5	6.3	5.5	5.9	5.8	0.000	0.000	0.000	0.000
17:30:00	15.3	12.6	12.5	11.3	6.5	5.9	5.9	5.9	0.000	0.000	0.000	0.000
17:45:00	12.3	11.3	11.8	10.8	5.9	5.5	5.6	5.7	0.000	0.000	0.000	0.000
18:00:00	11.5	11.0	11.2	10.4	5.6	5.2	5.3	5.3	0.000	0.000	0.000	0.000
18:15:00	12.7	11.7	11.8	11.6	6.2	5.6	5.9	5.7	0.000	0.000	0.000	0.000
18:30:00	13.9	12.9	13.6	12.5	6.8	6.2	6.5	6.5	0.000	0.002	0.000	0.000
18:45:00	15.0	14.4	14.4	13.4	7.4	6.7	7.0	6.9	0.006	0.005	0.000	0.000
19:00:00	15.8	15.4	15.3	14.8	7.8	7.2	7.5	7.4	0.020	0.008	0.000	0.003
19:15:00	16.9	16.8	16.0	15.4	8.5	7.8	8.0	7.8	0.029	0.009	0.009	0.004
19:30:00	18.3	17.2	17.1	16.5	9.1	8.3	8.7	8.3	0.039	0.010	0.032	0.008
19:45:00	19.1	18.6	18.1	18.5	9.5	8.8	9.4	8.8	0.048	0.010	0.047	0.010
20:00:00	20.0	18.7	19.2	19.2	9.9	9.0	9.7	9.2	0.050	0.011	0.056	0.012
20:15:00	20.6	19.1	20.3	20.0	10.1	9.4	10.1	9.7	0.049	0.010	0.062	0.009
20:30:00	22.2	20.4	21.7	21.3	10.6	9.7	10.5	10.0	0.046	0.009	0.061	0.006
20:45:00	22.2	20.7	24.6	22.1	10.8	9.7	10.9	10.7	0.043	0.008	0.058	0.002
21:00:00	22.8	20.6	25.6	22.4	11.2	9.7	11.2	11.0	0.037	0.007	0.052	0.000
21:15:00	23.2	20.5	24.9	22.9	11.4	9.8	11.5	11.1	0.031	0.006	0.048	0.000
21:30:00	23.9	20.4	27.2	22.5	11.7	9.7	11.5	11.6	0.026	0.005	0.044	0.000
21:45:00	24.4	20.7	26.9	22.3	11.9	10.1	11.2	11.3	0.020	0.004	0.035	0.000
22:00:00	25.8	21.1	29.4	22.3	12.4	10.2	11.3	11.4	0.011	0.003	0.036	0.000
22:15:00	26.0	21.7	29.5	23.3	12.4	10.3	11.6	10.9	0.006	0.002	0.029	0.000
22:30:00	26.4	22.8	34.0	22.7	12.7	10.3	11.5	11.9	0.000	0.000	0.023	0.000
22:45:00	27.6	23.9	35.8	24.4	13.6	10.7	12.1	11.8	0.000	0.000	0.017	0.000
23:00:00	26.9	24.9	29.3	25.3	13.3	11.3	12.8	12.3	0.000	0.000	0.012	0.000
23:15:00	26.7	24.9	27.8	24.7	13.2	11.2	12.5	12.5	0.000	0.000	0.009	0.000
23:30:00	26.8	23.6	28.6	25.9	13.3	11.2	12.8	12.4	0.000	0.000	0.006	0.000
23:45:00	27.0	24.3	27.4	23.9	13.0	11.3	12.4	12.3	0.000	0.000	0.005	0.000



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

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