



# DAILY AIR MONITORING REPORT

## Florence C&D Landfill – Air Monitoring

Date : 2026-03-29

**Table 1 : Weather Summary**

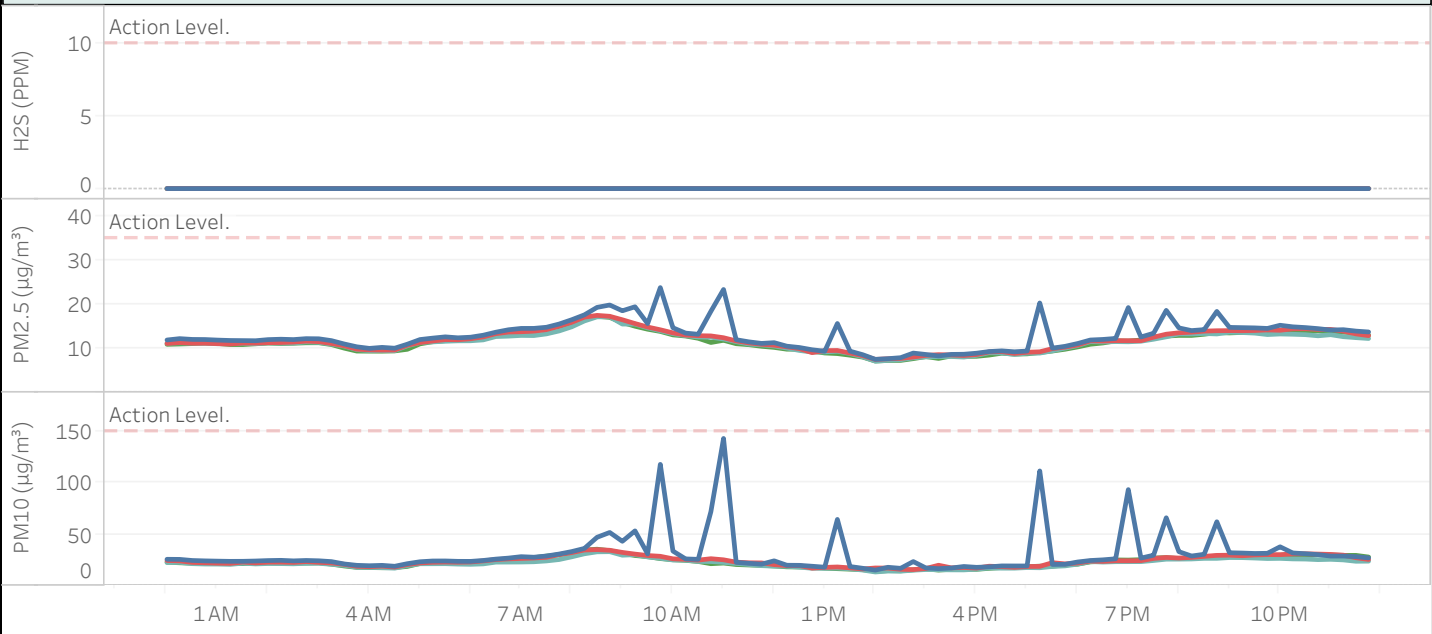
Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.27 to 10.49	2943 ESE	3061 NNE	2996 ESE	2997 NE	Min : 59.00 Max : 79.70	Min : 51.70 Max : 81.70	Min : 30.28 Max : 30.47

**Table 2 : Monitoring Summary**

Site Action Level :	PM10 : 150 µg/m <sup>3</sup>	PM2.5 : 35 µg/m <sup>3</sup>	H2S : 10 PPM			
AQ-SN	Avg. PM10 Daily (µg/m <sup>3</sup> )	Max. PM10-15-min Avg (µg/m <sup>3</sup> )	Avg. PM2.5 Daily (µg/m <sup>3</sup> )	Max. PM2.5-15-min Avg (µg/m <sup>3</sup> )	Avg. H2S Daily (PPM)	Max. H2S-15-min Avg (PPM)
2943	31.1	142.7	13.0	23.7	0.001	0.009
2996	23.9	35.0	11.8	17.5	0.000	0.000
2997	21.8	33.0	11.4	17.1	0.002	0.013
3061	23.0	35.4	11.5	17.3	0.000	0.001



**Figure 1 : Monitoring Locations**



**Figure 2 : 15 Minutes Average Concentrations**

■ 2943      ■ 2996      ■ 2997      ■ 3061



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Wind Rose Chart 2943

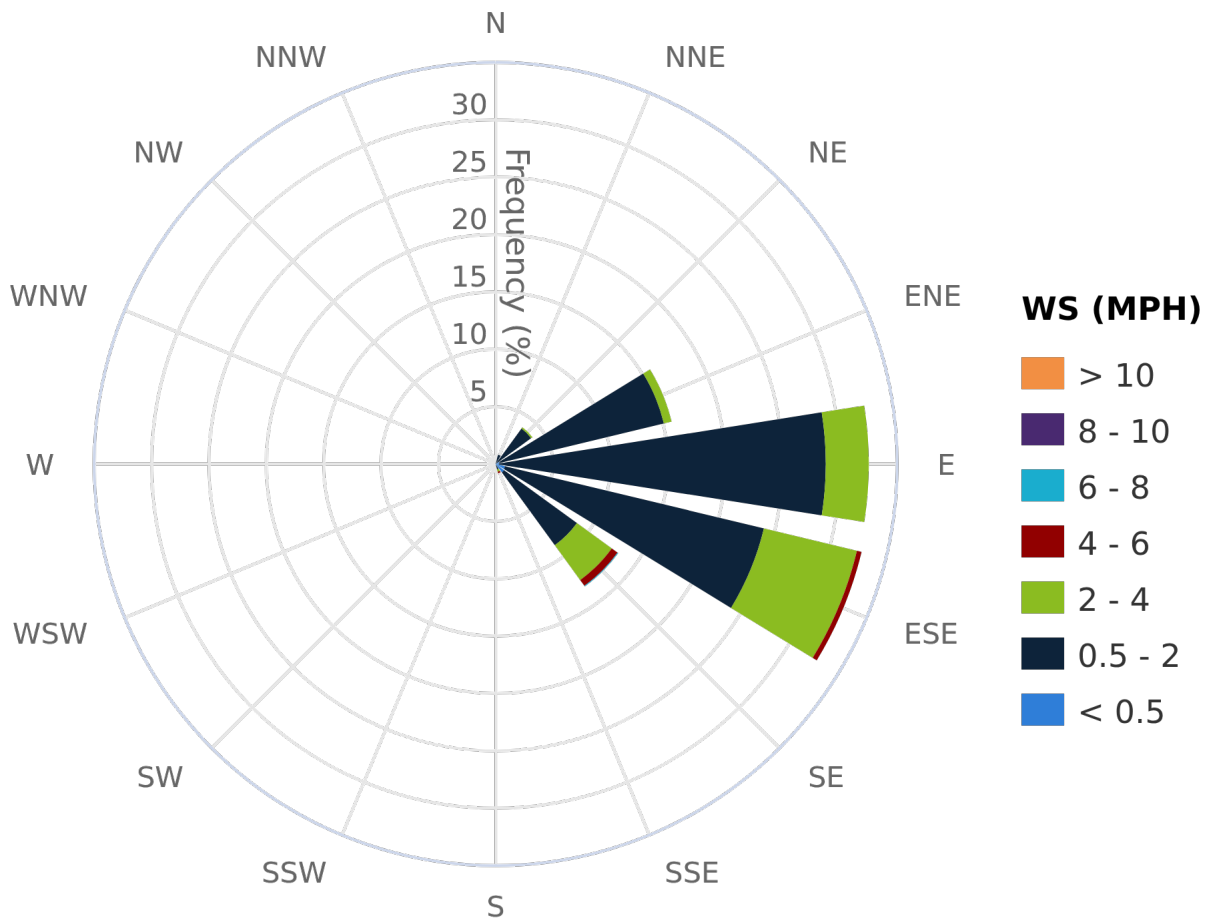


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

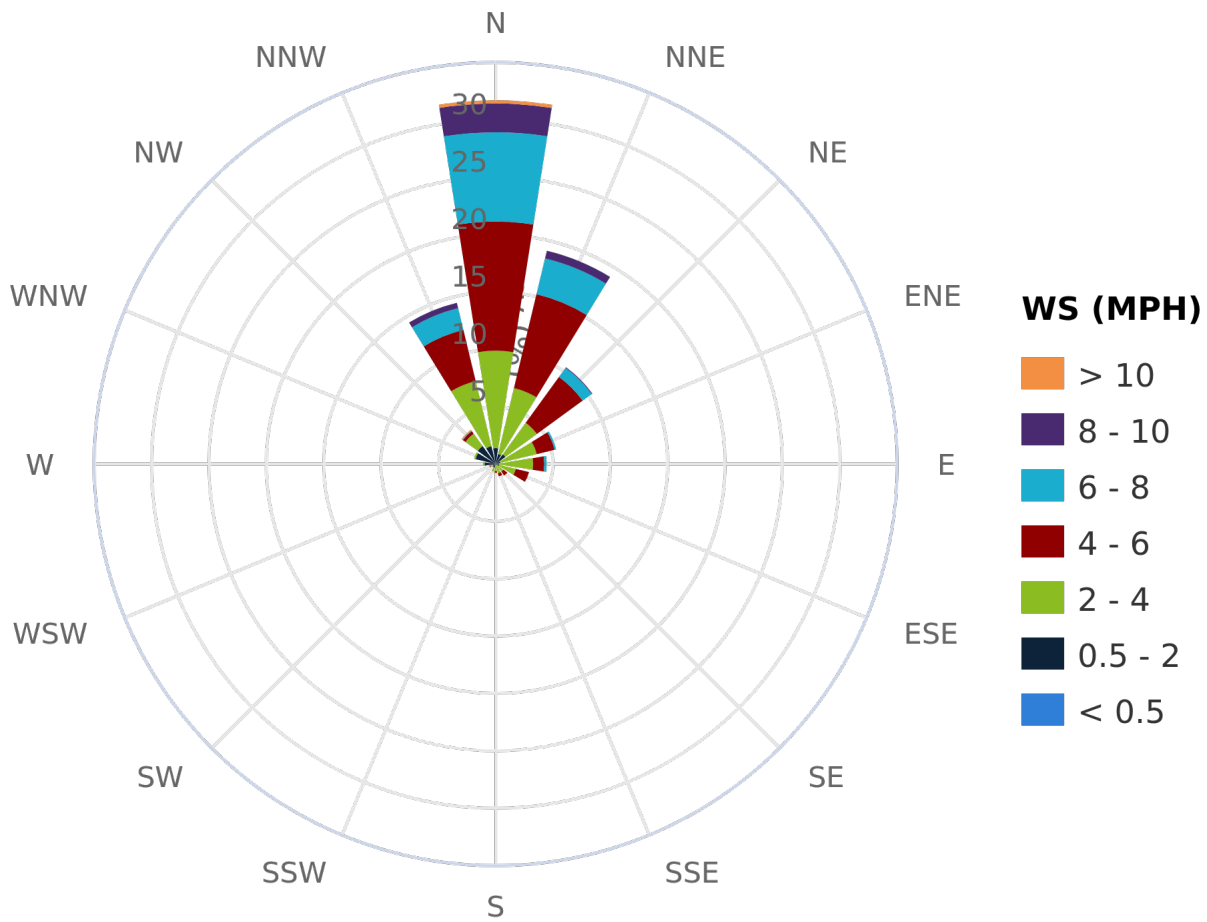


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

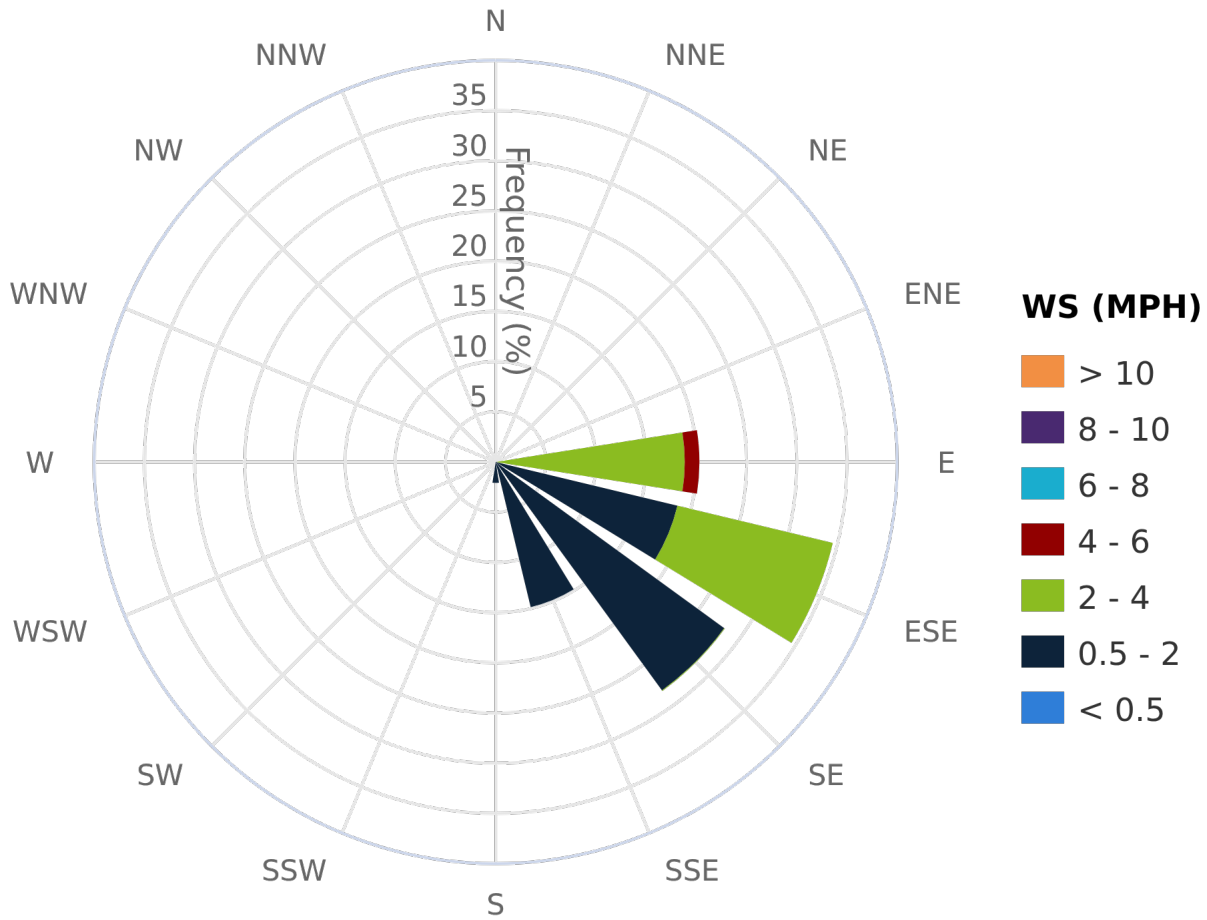


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

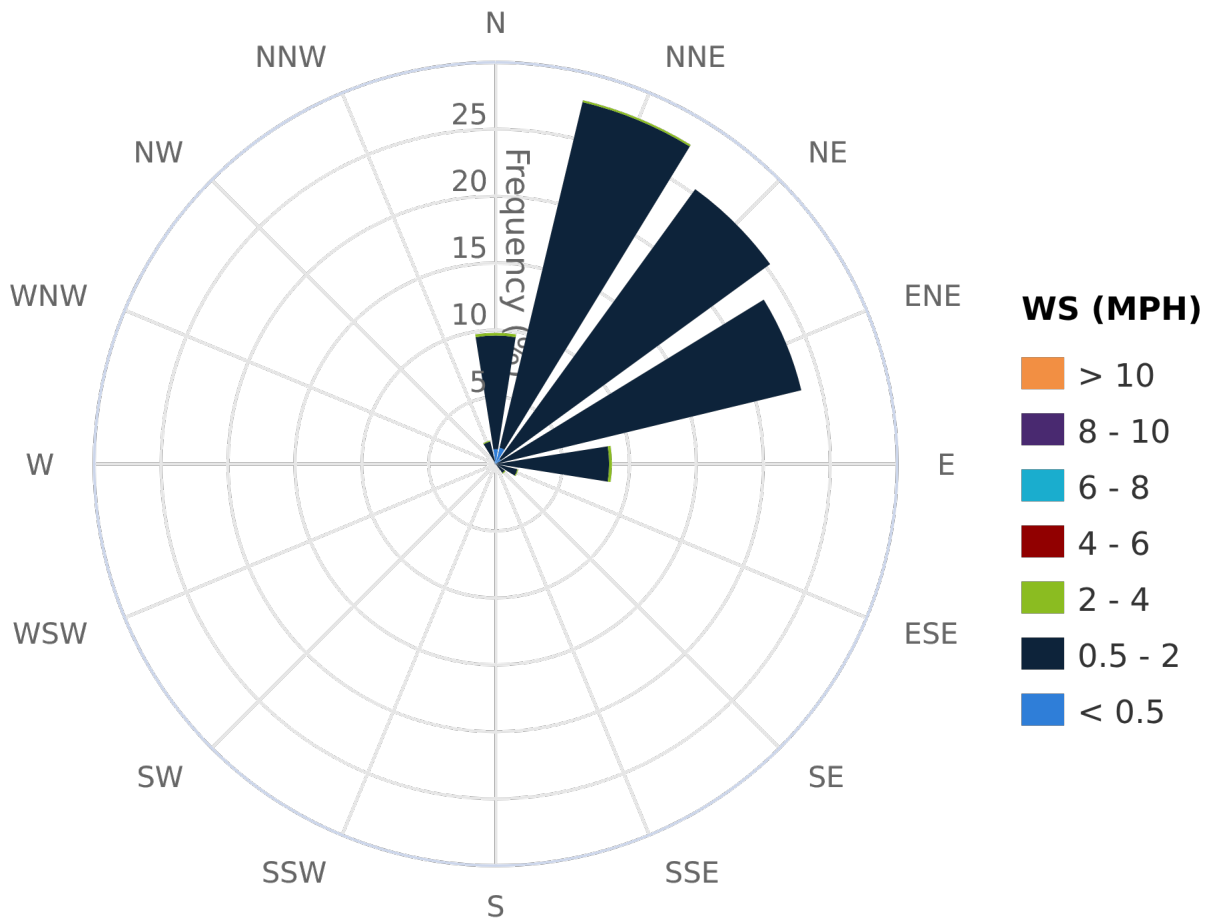


Figure 3 : Wind Rose Chart (WS in MPH)



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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	25.7	22.8	22.5	24.5	11.9	10.9	11.1	11.2	0.000	0.000	0.000	0.000
00:15:00	25.6	22.2	22.6	24.1	12.2	11.0	11.3	11.3	0.000	0.000	0.000	0.000
00:30:00	24.5	21.8	21.4	22.6	12.0	11.1	11.2	11.2	0.000	0.000	0.000	0.000
00:45:00	24.1	22.0	21.1	22.3	12.0	11.2	11.2	11.1	0.000	0.000	0.000	0.000
01:00:00	23.9	21.6	21.0	21.9	11.9	11.1	11.1	11.0	0.000	0.000	0.000	0.000
01:15:00	23.7	21.5	20.7	21.7	11.8	10.9	11.0	11.0	0.000	0.000	0.000	0.000
01:30:00	23.7	21.5	21.8	23.0	11.8	10.9	11.2	11.2	0.000	0.000	0.000	0.000
01:45:00	24.0	22.1	21.1	22.1	11.7	11.0	11.2	11.1	0.000	0.000	0.000	0.000
02:00:00	24.4	22.1	21.5	22.8	12.0	11.2	11.3	11.3	0.000	0.000	0.000	0.000
02:15:00	24.6	22.0	21.4	22.9	12.1	11.1	11.3	11.2	0.000	0.000	0.000	0.000
02:30:00	24.1	22.1	21.2	22.6	12.0	11.2	11.4	11.2	0.000	0.000	0.000	0.000
02:45:00	24.5	22.0	21.7	23.4	12.2	11.3	11.6	11.5	0.000	0.000	0.000	0.000
03:00:00	24.2	22.2	21.7	22.7	12.2	11.3	11.5	11.4	0.000	0.000	0.000	0.000
03:15:00	23.4	20.9	20.8	22.1	11.8	10.9	11.1	11.0	0.000	0.000	0.000	0.000
03:30:00	21.1	19.2	19.8	20.8	11.0	10.1	10.6	10.5	0.000	0.000	0.000	0.000
03:45:00	19.8	17.8	17.9	18.8	10.4	9.4	9.8	9.7	0.000	0.000	0.000	0.000
04:00:00	19.4	17.6	17.8	18.5	10.0	9.4	9.7	9.5	0.000	0.000	0.000	0.000
04:15:00	19.8	17.4	17.5	19.0	10.2	9.4	9.6	9.5	0.000	0.000	0.000	0.000
04:30:00	18.9	17.6	17.0	18.1	10.0	9.4	9.6	9.5	0.000	0.000	0.000	0.000
04:45:00	21.4	18.7	19.5	20.5	10.9	9.8	10.7	10.6	0.000	0.000	0.000	0.000
05:00:00	23.3	21.5	21.3	22.1	12.0	11.0	11.3	11.3	0.000	0.000	0.000	0.000
05:15:00	24.0	22.2	21.3	22.7	12.3	11.5	11.7	11.5	0.000	0.000	0.000	0.000
05:30:00	24.0	22.9	21.4	23.0	12.6	11.7	12.0	11.6	0.000	0.000	0.000	0.000
05:45:00	23.7	22.6	21.0	22.8	12.4	11.8	12.0	11.7	0.000	0.000	0.000	0.000
06:00:00	23.6	23.0	20.8	23.0	12.5	11.9	12.2	11.7	0.000	0.000	0.000	0.000
06:15:00	24.5	23.3	21.2	24.1	13.0	12.2	12.6	11.9	0.000	0.000	0.000	0.000
06:30:00	25.8	25.1	22.9	25.4	13.7	13.0	13.3	12.7	0.000	0.000	0.000	0.000
06:45:00	26.8	25.7	22.9	26.0	14.2	13.3	13.7	12.8	0.000	0.000	0.000	0.000
07:00:00	28.2	26.7	23.0	26.5	14.5	13.6	13.8	12.9	0.000	0.000	0.000	0.000
07:15:00	27.7	27.2	23.2	26.9	14.5	13.9	13.9	12.9	0.000	0.000	0.000	0.000
07:30:00	28.8	28.8	24.0	27.6	14.8	14.3	14.2	13.3	0.000	0.000	0.000	0.000
07:45:00	30.7	30.1	25.4	30.3	15.5	15.0	15.0	13.9	0.000	0.000	0.000	0.000
08:00:00	33.1	32.0	28.0	32.1	16.5	15.7	15.9	14.9	0.000	0.000	0.000	0.000
08:15:00	36.2	34.6	31.0	34.6	17.6	16.6	17.1	16.2	0.000	0.000	0.000	0.000
08:30:00	46.9	35.4	32.9	35.0	19.3	17.3	17.5	17.1	0.000	0.000	0.000	0.000
08:45:00	51.6	34.0	33.0	34.4	19.8	17.0	17.3	17.1	0.000	0.000	0.000	0.000
09:00:00	43.1	31.5	29.6	32.3	18.5	15.9	16.5	15.5	0.001	0.000	0.000	0.000
09:15:00	53.2	29.3	30.1	30.7	19.4	15.0	15.6	15.5	0.003	0.000	0.000	0.000
09:30:00	30.8	28.2	27.9	29.3	15.6	14.3	14.8	14.7	0.003	0.000	0.000	0.000
09:45:00	117.6	26.3	26.6	28.5	23.7	13.8	14.2	14.0	0.001	0.000	0.000	0.001
10:00:00	33.6	25.2	24.9	26.1	14.7	13.0	13.5	13.3	0.002	0.000	0.000	0.004
10:15:00	26.0	24.6	24.8	25.6	13.5	12.8	13.0	12.9	0.002	0.001	0.000	0.006
10:30:00	25.6	23.5	23.5	24.8	13.2	12.3	12.9	12.6	0.000	0.001	0.000	0.006
10:45:00	71.8	21.4	23.5	26.2	18.4	11.3	12.8	12.5	0.000	0.001	0.000	0.008
11:00:00	142.7	22.0	22.6	25.1	23.3	11.8	12.4	12.1	0.000	0.001	0.000	0.009
11:15:00	22.7	20.6	21.6	22.9	12.0	11.1	11.7	11.5	0.000	0.001	0.000	0.011
11:30:00	21.8	20.1	20.5	22.3	11.5	10.8	11.2	11.0	0.000	0.001	0.000	0.013
11:45:00	20.9	19.8	19.5	22.1	11.1	10.5	10.9	10.8	0.000	0.001	0.000	0.012



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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	24.2	19.2	19.0	20.5	11.3	10.2	10.7	10.6	0.000	0.001	0.000	0.013
12:15:00	19.9	18.3	18.9	19.5	10.5	9.8	10.4	10.1	0.000	0.001	0.000	0.011
12:30:00	19.8	18.2	18.0	19.6	10.2	9.8	9.9	9.5	0.000	0.001	0.000	0.009
12:45:00	18.9	17.8	16.9	17.1	9.7	9.4	9.0	9.2	0.000	0.001	0.000	0.011
13:00:00	18.0	17.0	17.0	17.8	9.4	9.0	9.5	9.2	0.000	0.000	0.000	0.010
13:15:00	64.3	16.5	17.1	18.2	15.6	8.8	9.5	9.4	0.000	0.000	0.000	0.011
13:30:00	18.6	16.1	16.4	17.3	9.4	8.5	8.9	8.9	0.000	0.001	0.000	0.009
13:45:00	16.9	15.6	15.2	16.3	8.6	8.0	8.4	8.1	0.000	0.001	0.000	0.008
14:00:00	15.2	14.2	13.3	17.2	7.5	7.1	7.5	7.1	0.000	0.001	0.000	0.005
14:15:00	17.9	14.6	14.3	17.1	7.7	7.3	7.6	7.3	0.000	0.000	0.000	0.001
14:30:00	16.9	14.5	14.1	16.0	7.9	7.3	7.7	7.4	0.000	0.000	0.000	0.000
14:45:00	23.4	15.4	15.1	15.7	8.9	7.7	8.0	7.9	0.000	0.000	0.000	0.000
15:00:00	17.2	16.4	15.7	16.7	8.6	8.1	8.4	8.1	0.000	0.000	0.000	0.000
15:15:00	16.6	15.2	15.5	19.9	8.3	7.7	8.6	8.1	0.000	0.000	0.000	0.000
15:30:00	17.2	15.9	15.4	17.4	8.6	8.3	8.5	8.2	0.000	0.000	0.000	0.000
15:45:00	18.7	16.0	15.4	17.6	8.7	8.2	8.4	8.0	0.000	0.000	0.000	0.000
16:00:00	17.9	15.9	16.0	17.1	8.9	8.2	8.6	8.4	0.000	0.000	0.000	0.000
16:15:00	18.3	16.8	17.2	19.0	9.3	8.5	9.2	9.0	0.000	0.000	0.000	0.000
16:30:00	19.2	17.7	17.0	18.5	9.4	8.9	9.3	9.0	0.000	0.000	0.000	0.000
16:45:00	19.2	18.4	17.0	17.9	9.2	8.7	8.9	8.6	0.000	0.000	0.000	0.000
17:00:00	19.2	18.4	17.6	18.6	9.4	8.8	9.1	8.9	0.000	0.000	0.000	0.000
17:15:00	111.2	19.0	17.4	18.8	20.3	9.1	9.2	8.9	0.000	0.000	0.000	0.000
17:30:00	20.6	18.9	18.7	22.4	10.1	9.4	9.9	9.4	0.000	0.000	0.000	0.000
17:45:00	20.8	20.2	19.3	21.2	10.5	9.8	10.3	10.1	0.000	0.000	0.000	0.000
18:00:00	23.0	20.9	20.9	22.0	11.1	10.3	10.8	10.6	0.000	0.000	0.000	0.000
18:15:00	24.5	23.1	23.4	23.9	11.9	10.9	11.7	11.5	0.000	0.000	0.000	0.000
18:30:00	25.1	23.8	22.9	23.6	12.0	11.2	11.7	11.5	0.000	0.000	0.000	0.000
18:45:00	26.1	25.0	23.3	24.3	12.3	11.7	11.8	11.5	0.000	0.000	0.000	0.000
19:00:00	93.1	24.9	23.4	24.2	19.2	11.7	11.7	11.5	0.001	0.000	0.000	0.000
19:15:00	26.8	25.3	23.4	24.3	12.6	11.9	11.7	11.6	0.004	0.000	0.000	0.000
19:30:00	29.6	26.9	24.5	26.5	13.4	12.6	12.5	12.1	0.007	0.000	0.000	0.001
19:45:00	65.9	27.3	25.8	27.4	18.6	12.8	13.2	12.6	0.007	0.000	0.000	0.001
20:00:00	33.0	26.3	25.8	26.9	14.6	12.9	13.5	13.3	0.009	0.000	0.000	0.001
20:15:00	28.8	26.7	25.9	27.5	14.0	12.9	13.7	13.3	0.007	0.000	0.000	0.000
20:30:00	30.5	27.9	26.5	28.5	14.2	13.2	13.9	13.4	0.007	0.000	0.000	0.000
20:45:00	62.0	28.8	26.5	29.4	18.4	13.6	14.0	13.3	0.005	0.000	0.000	0.000
21:00:00	32.0	28.5	27.3	29.6	14.7	13.5	14.0	13.7	0.006	0.000	0.000	0.000
21:15:00	31.7	29.5	27.3	29.1	14.7	13.6	14.0	13.6	0.006	0.001	0.000	0.000
21:30:00	31.3	29.4	26.9	29.8	14.6	13.6	14.0	13.4	0.006	0.000	0.000	0.000
21:45:00	31.5	29.5	26.4	30.2	14.5	13.6	14.2	13.1	0.002	0.000	0.000	0.000
22:00:00	37.7	29.6	26.5	30.1	15.2	13.6	14.1	13.3	0.001	0.000	0.000	0.000
22:15:00	31.8	30.2	26.0	30.9	14.9	13.8	14.4	13.2	0.000	0.000	0.000	0.000
22:30:00	31.0	29.5	25.9	31.0	14.7	13.8	14.4	13.1	0.000	0.000	0.000	0.000
22:45:00	30.2	30.4	25.3	30.7	14.5	14.0	14.3	12.8	0.000	0.000	0.000	0.000
23:00:00	28.8	29.7	25.6	30.4	14.1	13.8	14.3	13.1	0.000	0.000	0.000	0.000
23:15:00	28.8	29.4	25.0	29.7	14.2	13.7	13.9	12.6	0.000	0.000	0.000	0.000
23:30:00	28.2	29.4	23.7	27.1	13.9	13.5	13.3	12.4	0.000	0.000	0.000	0.000
23:45:00	27.0	27.8	23.8	25.5	13.7	13.0	12.9	12.2	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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