



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-06-16

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.089 to 8.456	2943 SSE	3061 SSW	2996 SW	2997 NNE	Min : 72.86 Max : 98.60	Min : 53.40 Max : 91.30	Min : 29.83 Max : 30.05

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	27.6	43.9	9.6	13.7	0.001	0.036	
2996	25.2	39.7	9.3	13.6	0.000	0.013	
2997	35.4	89.0	9.7	15.3	0.007	0.059	
3061	28.8	50.0	8.7	14.7	0.000	0.001	



Figure 1 : Monitoring Locations

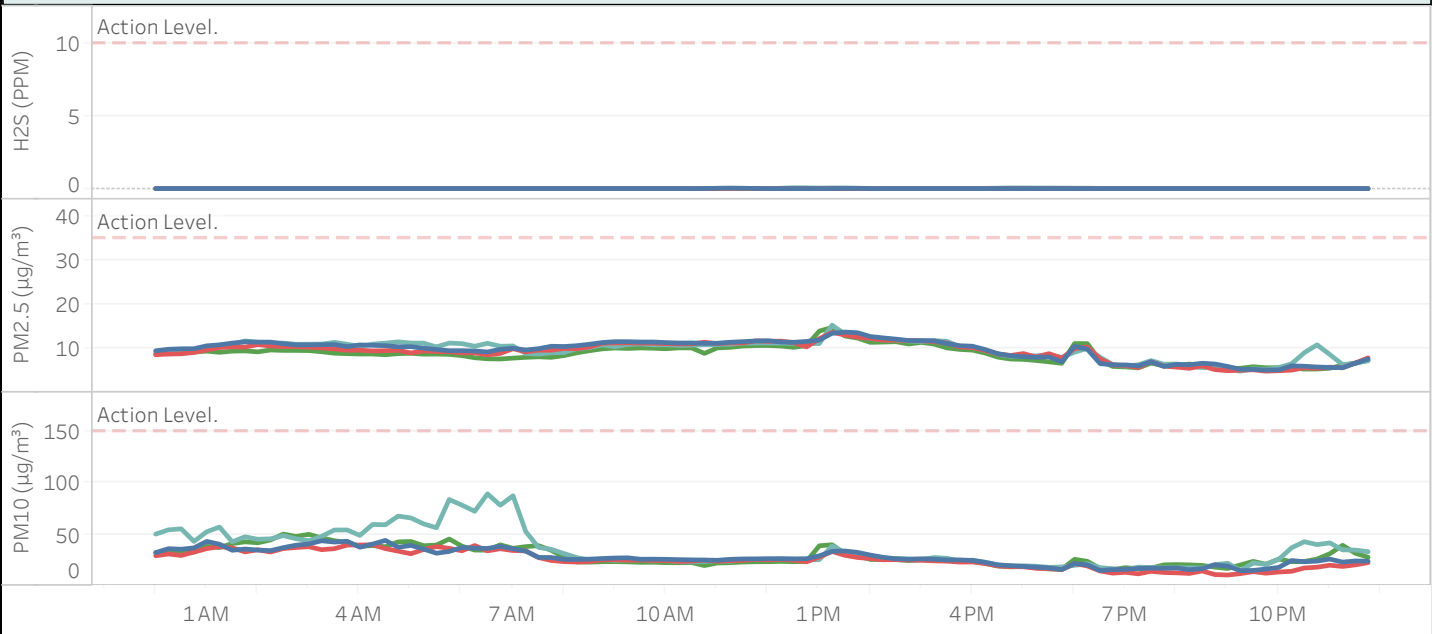


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2996 ■ 2997 ■ 3061



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Wind Rose Chart 2943

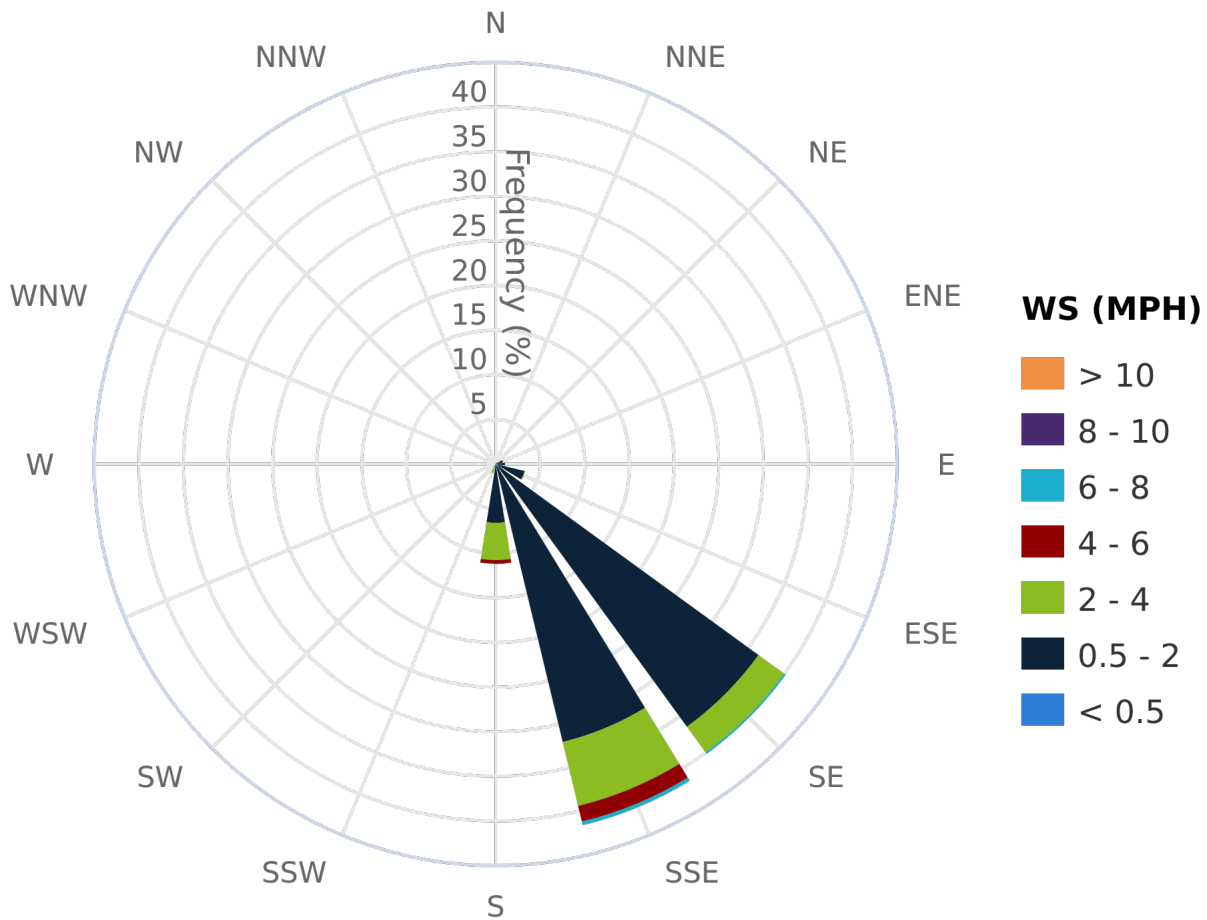


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

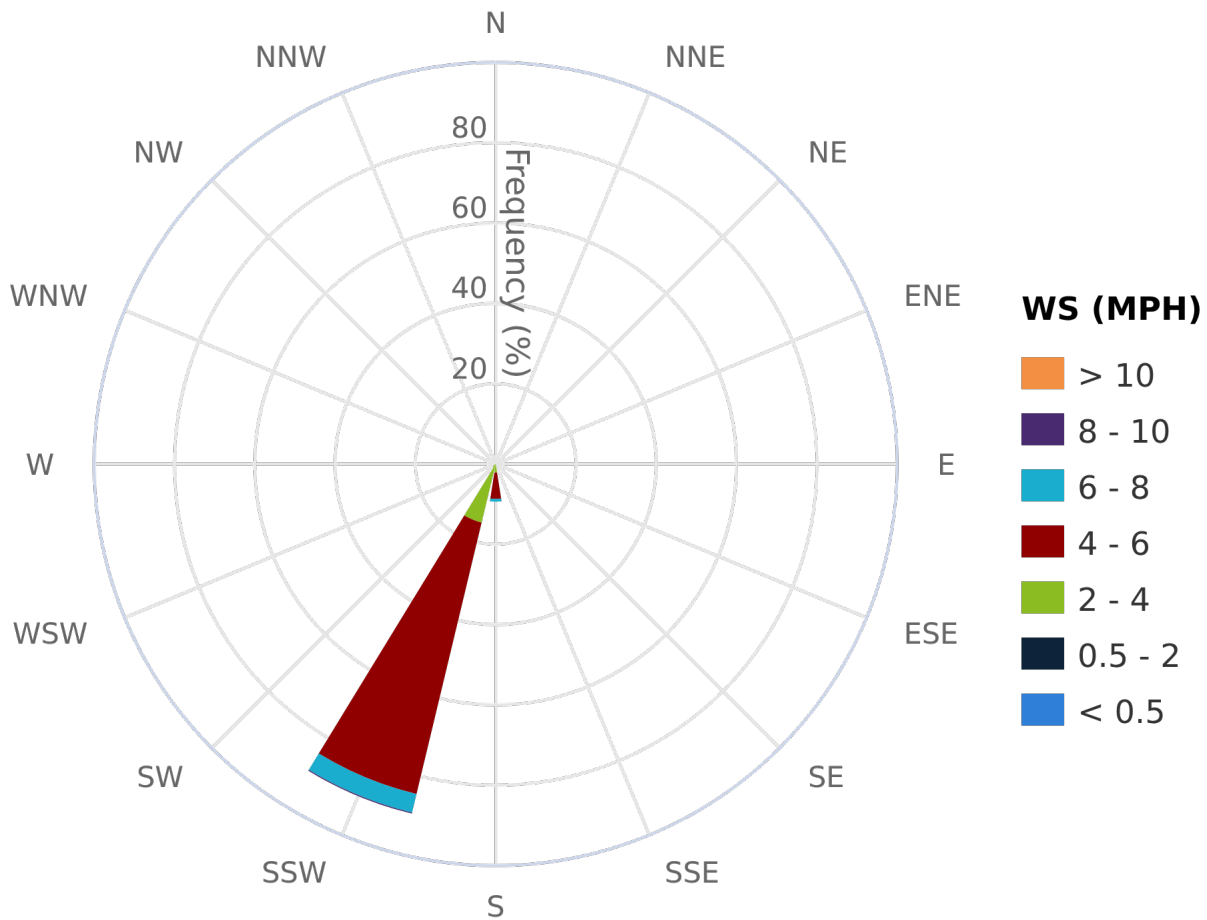


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

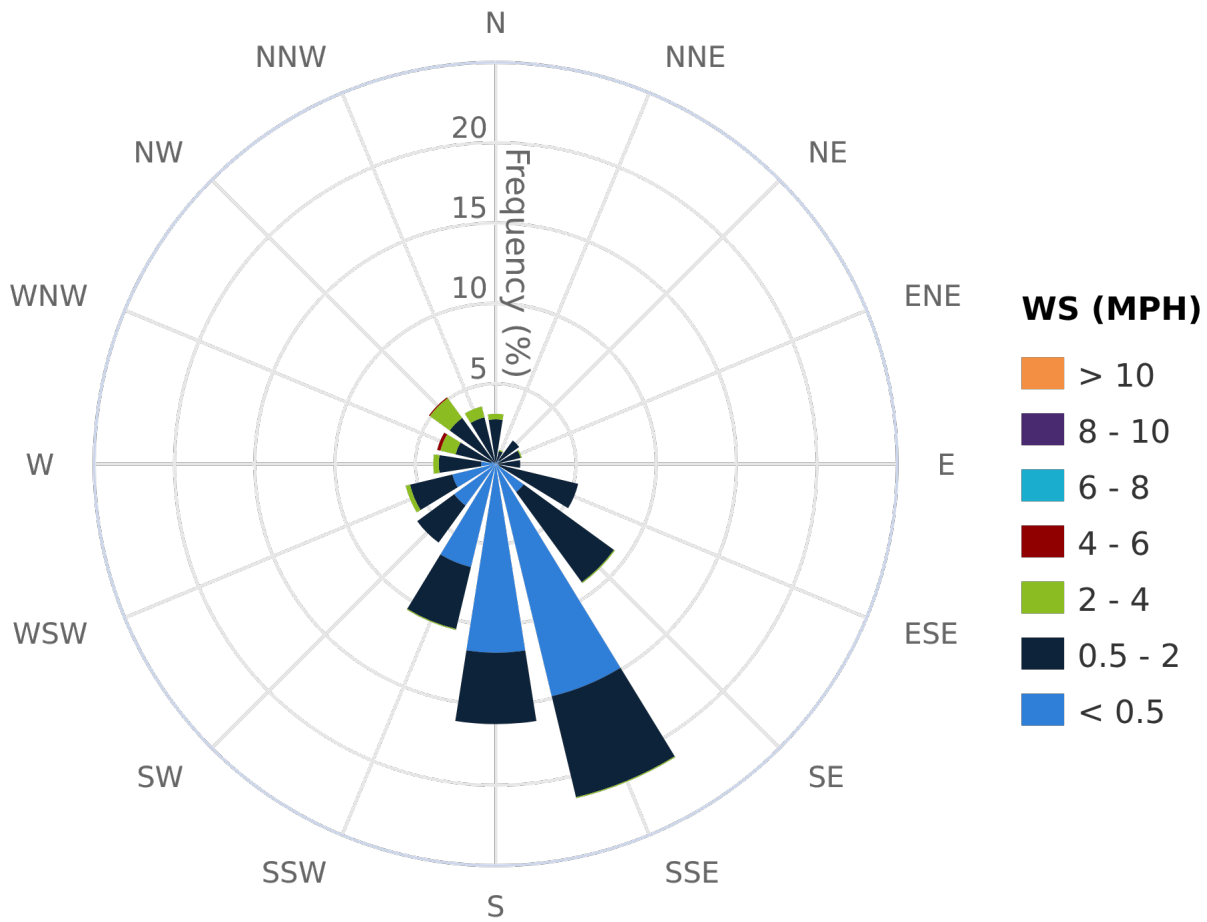


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

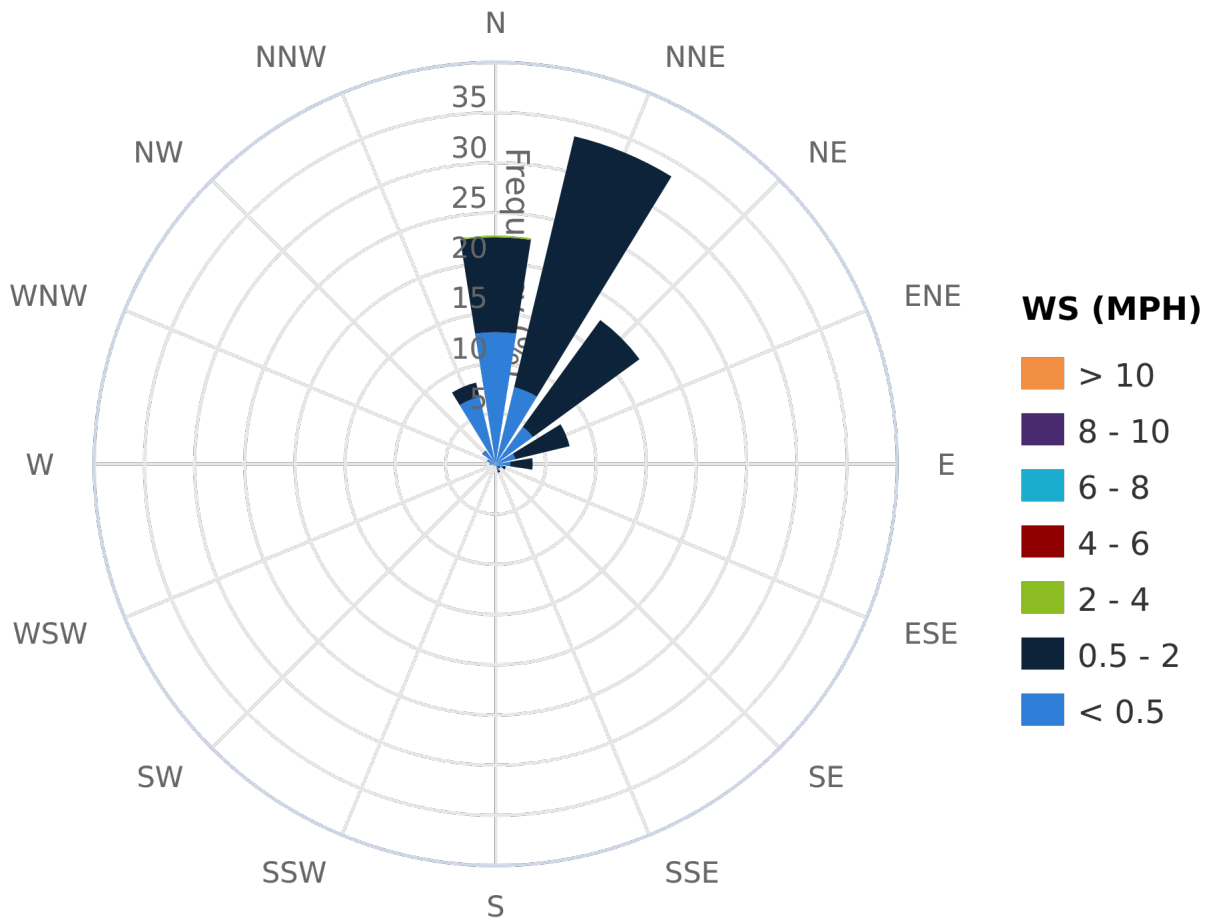


Figure 3 : Wind Rose Chart (WS in MPH)



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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	32.1	32.1	50.0	29.0	9.5	8.6	8.6	9.1	0.000	0.000	0.000	0.000
00:15:00	35.9	33.6	54.2	30.8	9.8	9.1	8.7	9.7	0.000	0.000	0.000	0.000
00:30:00	35.4	33.3	55.2	29.3	9.9	9.1	8.8	9.8	0.000	0.000	0.000	0.000
00:45:00	36.7	32.7	42.9	32.6	9.9	9.2	9.1	9.8	0.000	0.000	0.000	0.000
01:00:00	43.0	38.2	52.3	36.0	10.6	9.4	9.6	10.3	0.000	0.000	0.000	0.000
01:15:00	40.2	37.0	56.8	37.9	10.8	9.1	10.2	10.7	0.000	0.000	0.000	0.000
01:30:00	34.4	40.9	42.5	36.7	11.2	9.4	10.4	10.9	0.000	0.000	0.000	0.000
01:45:00	35.6	42.6	47.4	32.8	11.5	9.4	10.3	11.7	0.000	0.000	0.000	0.000
02:00:00	34.6	41.6	45.0	34.8	11.4	9.2	10.9	11.4	0.000	0.000	0.000	0.000
02:15:00	34.1	44.3	45.5	32.7	11.4	9.6	10.5	11.2	0.000	0.000	0.000	0.000
02:30:00	36.9	50.0	48.5	36.0	11.1	9.5	10.4	11.2	0.000	0.000	0.000	0.000
02:45:00	39.3	47.8	45.6	37.1	10.8	9.5	10.4	10.9	0.000	0.000	0.000	0.000
03:00:00	40.5	49.8	43.5	37.8	10.8	9.5	10.3	10.9	0.000	0.000	0.000	0.000
03:15:00	43.6	46.3	47.9	34.9	10.8	9.2	10.1	11.0	0.000	0.000	0.000	0.000
03:30:00	42.3	43.7	54.0	35.9	10.9	8.9	9.9	11.4	0.000	0.000	0.000	0.000
03:45:00	43.1	41.8	54.1	39.4	10.4	8.8	9.6	10.9	0.000	0.000	0.000	0.000
04:00:00	37.3	38.2	48.8	39.5	10.8	8.7	9.6	10.5	0.000	0.000	0.000	0.000
04:15:00	40.4	38.9	59.4	39.7	10.7	8.7	9.4	11.0	0.000	0.000	0.000	0.000
04:30:00	43.9	37.8	59.1	36.0	10.6	8.6	9.5	11.2	0.000	0.000	0.000	0.000
04:45:00	37.3	42.5	67.5	33.5	10.4	8.8	9.6	11.5	0.000	0.000	0.000	0.000
05:00:00	39.1	42.9	65.7	31.0	10.4	8.9	9.0	11.2	0.000	0.000	0.000	0.000
05:15:00	35.5	38.8	59.9	35.2	10.0	8.7	9.4	11.2	0.000	0.000	0.000	0.000
05:30:00	31.5	39.4	56.2	37.9	9.7	8.7	9.3	10.3	0.000	0.000	0.000	0.000
05:45:00	33.2	45.3	83.5	36.2	9.5	8.6	9.2	11.2	0.000	0.000	0.000	0.000
06:00:00	37.1	38.4	78.1	33.9	9.5	8.4	9.0	11.1	0.000	0.000	0.000	0.000
06:15:00	36.4	34.6	72.1	39.0	9.4	7.9	9.0	10.5	0.000	0.000	0.000	0.000
06:30:00	36.2	34.5	89.0	33.8	9.2	7.6	8.6	11.1	0.000	0.000	0.000	0.000
06:45:00	38.2	39.7	78.0	35.9	9.8	7.6	8.9	10.5	0.000	0.000	0.000	0.000
07:00:00	35.8	36.3	87.2	34.1	10.0	7.8	9.9	10.5	0.000	0.000	0.000	0.000
07:15:00	33.5	37.9	52.4	33.8	9.6	8.0	9.2	8.9	0.000	0.000	0.000	0.000
07:30:00	27.4	38.8	37.1	27.3	9.9	8.1	9.6	8.7	0.000	0.000	0.000	0.000
07:45:00	27.4	34.3	35.3	24.5	10.5	8.0	9.6	9.0	0.000	0.000	0.000	0.000
08:00:00	25.6	27.6	31.1	23.4	10.4	8.4	10.0	9.1	0.000	0.000	0.000	0.000
08:15:00	25.5	23.1	27.3	23.0	10.6	9.0	9.9	9.9	0.000	0.000	0.000	0.000
08:30:00	25.8	22.9	24.9	23.4	10.9	9.5	10.3	10.2	0.000	0.000	0.000	0.000
08:45:00	26.4	23.3	25.4	25.2	11.3	9.9	11.1	10.8	0.000	0.000	0.000	0.000
09:00:00	26.9	23.4	24.6	25.2	11.5	10.1	11.3	10.4	0.000	0.000	0.000	0.000
09:15:00	27.1	23.1	24.9	24.8	11.5	10.0	11.2	10.9	0.000	0.000	0.000	0.000
09:30:00	25.7	22.7	25.5	24.8	11.4	10.1	11.2	11.0	0.000	0.001	0.000	0.000
09:45:00	25.8	22.8	24.5	24.5	11.4	10.0	11.2	10.8	0.000	0.001	0.000	0.000
10:00:00	25.6	22.4	24.3	24.3	11.3	9.9	11.1	10.8	0.000	0.000	0.000	0.000
10:15:00	25.3	22.3	23.2	23.6	11.2	10.1	11.0	10.7	0.000	0.000	0.000	0.000
10:30:00	25.1	22.5	23.3	23.9	11.2	10.1	11.0	10.7	0.000	0.000	0.000	0.000
10:45:00	25.0	19.6	23.6	24.8	11.1	8.9	11.4	10.8	0.007	0.000	0.000	0.000
11:00:00	24.7	22.0	24.2	23.8	11.2	10.1	11.1	10.9	0.024	0.000	0.000	0.000
11:15:00	25.6	22.3	23.6	24.3	11.4	10.2	11.2	10.9	0.036	0.000	0.005	0.000
11:30:00	26.0	23.0	25.5	24.5	11.5	10.5	11.2	11.2	0.027	0.000	0.013	0.000
11:45:00	26.1	23.3	25.3	25.4	11.7	10.6	11.7	11.2	0.010	0.000	0.008	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	26.3	23.3	25.3	25.1	11.7	10.7	11.6	11.2	0.001	0.000	0.004	0.003
12:15:00	26.2	23.6	25.9	25.5	11.4	10.5	11.6	11.2	0.000	0.000	0.002	0.025
12:30:00	26.1	23.3	25.7	24.8	11.4	10.2	11.3	11.1	0.000	0.000	0.000	0.059
12:45:00	26.2	23.6	25.0	23.2	11.6	10.6	10.3	11.1	0.000	0.000	0.000	0.052
13:00:00	29.0	38.7	25.3	27.8	11.9	13.9	12.2	11.1	0.000	0.000	0.000	0.037
13:15:00	33.3	39.7	38.5	33.2	13.4	14.7	13.6	15.3	0.000	0.000	0.000	0.047
13:30:00	33.7	31.1	32.1	29.5	13.7	12.8	13.0	13.3	0.015	0.000	0.000	0.048
13:45:00	32.3	29.0	29.3	27.4	13.5	12.3	12.5	12.6	0.011	0.000	0.002	0.032
14:00:00	29.7	25.5	26.7	26.3	12.7	11.4	12.3	12.3	0.001	0.000	0.000	0.011
14:15:00	27.6	25.3	26.1	25.2	12.4	11.4	11.9	11.9	0.000	0.000	0.000	0.000
14:30:00	26.2	25.4	26.5	25.3	12.1	11.5	11.9	11.9	0.000	0.000	0.000	0.000
14:45:00	25.7	24.4	25.9	25.0	11.8	11.0	11.8	11.7	0.000	0.000	0.000	0.000
15:00:00	26.1	25.2	25.4	24.7	11.8	11.4	11.7	11.5	0.002	0.000	0.000	0.000
15:15:00	25.7	24.6	27.4	24.1	11.7	11.0	11.5	11.7	0.000	0.000	0.000	0.000
15:30:00	25.0	24.9	26.6	23.8	11.1	10.1	11.2	11.6	0.000	0.000	0.000	0.000
15:45:00	25.1	23.7	24.0	22.9	10.6	9.8	10.3	10.4	0.000	0.000	0.000	0.000
16:00:00	24.5	23.5	24.8	23.0	10.5	9.6	10.2	10.3	0.000	0.000	0.000	0.005
16:15:00	22.7	21.6	22.8	21.6	9.7	8.9	9.5	9.6	0.000	0.000	0.000	0.020
16:30:00	20.2	19.1	20.2	19.2	8.8	8.0	8.8	8.7	0.000	0.000	0.000	0.031
16:45:00	19.5	18.3	19.0	18.5	8.3	7.6	8.4	8.2	0.000	0.000	0.000	0.048
17:00:00	18.8	18.8	19.3	18.4	8.1	7.5	8.8	8.3	0.000	0.000	0.000	0.046
17:15:00	18.0	17.4	18.9	16.9	8.0	7.3	8.0	8.3	0.000	0.000	0.000	0.039
17:30:00	17.3	16.3	17.9	16.6	8.1	7.0	8.8	8.6	0.000	0.000	0.000	0.040
17:45:00	15.7	16.2	18.2	15.6	7.0	6.6	7.8	8.0	0.000	0.000	0.000	0.035
18:00:00	21.6	25.6	19.8	21.5	10.5	11.1	10.0	9.1	0.000	0.000	0.000	0.032
18:15:00	20.2	23.7	21.4	19.2	9.8	11.1	10.3	10.0	0.002	0.000	0.000	0.025
18:30:00	14.8	16.8	17.5	14.3	6.6	7.3	7.6	8.0	0.000	0.000	0.000	0.016
18:45:00	15.7	15.6	16.5	12.2	6.3	5.9	6.3	6.4	0.000	0.000	0.000	0.006
19:00:00	15.9	17.5	15.5	13.0	6.3	5.8	6.1	6.0	0.000	0.000	0.000	0.000
19:15:00	16.8	16.4	18.1	11.5	6.0	5.6	5.7	6.3	0.000	0.000	0.000	0.000
19:30:00	17.1	17.1	17.7	14.0	7.0	6.7	7.0	7.2	0.000	0.000	0.000	0.000
19:45:00	17.0	20.3	17.3	12.8	5.9	6.1	6.0	6.4	0.000	0.000	0.000	0.000
20:00:00	17.3	20.5	17.5	12.5	6.4	6.1	5.8	6.5	0.000	0.000	0.000	0.000
20:15:00	15.6	20.2	17.4	11.9	6.3	6.5	5.5	5.9	0.000	0.000	0.000	0.000
20:30:00	16.7	19.7	17.2	14.3	6.6	6.1	6.1	5.7	0.000	0.000	0.000	0.000
20:45:00	20.3	18.0	20.5	10.8	6.5	5.7	5.2	5.8	0.000	0.000	0.000	0.000
21:00:00	19.0	16.7	21.8	10.4	5.9	5.5	5.0	5.2	0.000	0.000	0.000	0.000
21:15:00	14.6	20.2	14.8	11.8	5.3	5.5	5.1	4.9	0.000	0.000	0.000	0.000
21:30:00	14.9	23.6	22.1	13.7	5.3	5.9	5.2	5.4	0.000	0.000	0.000	0.000
21:45:00	16.2	20.8	20.7	12.2	5.1	5.6	4.9	5.2	0.000	0.000	0.000	0.000
22:00:00	17.8	25.9	25.5	13.3	5.1	5.6	5.0	5.7	0.000	0.000	0.000	0.000
22:15:00	24.5	23.3	36.7	14.0	6.0	5.6	5.1	6.5	0.000	0.000	0.000	0.000
22:30:00	23.3	23.5	42.7	17.2	6.0	5.3	5.6	9.0	0.000	0.000	0.000	0.000
22:45:00	23.9	25.9	39.8	18.0	5.8	5.3	5.5	10.8	0.000	0.000	0.000	0.000
23:00:00	25.8	31.0	41.6	19.9	5.7	5.5	5.8	8.6	0.000	0.000	0.000	0.000
23:15:00	22.9	39.2	34.8	18.7	5.6	6.2	5.6	6.3	0.000	0.000	0.000	0.000
23:30:00	24.0	31.5	34.6	20.2	6.7	6.7	6.7	6.6	0.000	0.000	0.000	0.000
23:45:00	23.9	27.7	33.0	22.4	7.6	7.3	7.9	7.2	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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