



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-05-25

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.157 to 6.532	2943 SE	3061 S	2996 ESE	2997 NE	Min : 71.06 Max : 102.9	Min : 39.00 Max : 99.80	Min : 29.93 Max : 30.21

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	18.3	30.7	6.6	11.7	0.007	0.054
2996	15.0	24.9	6.2	10.7	0.010	0.093
2997	15.4	29.7	6.5	14.2	0.006	0.081
3061	16.9	36.8	6.1	10.4	0.001	0.006



Figure 1 : Monitoring Locations

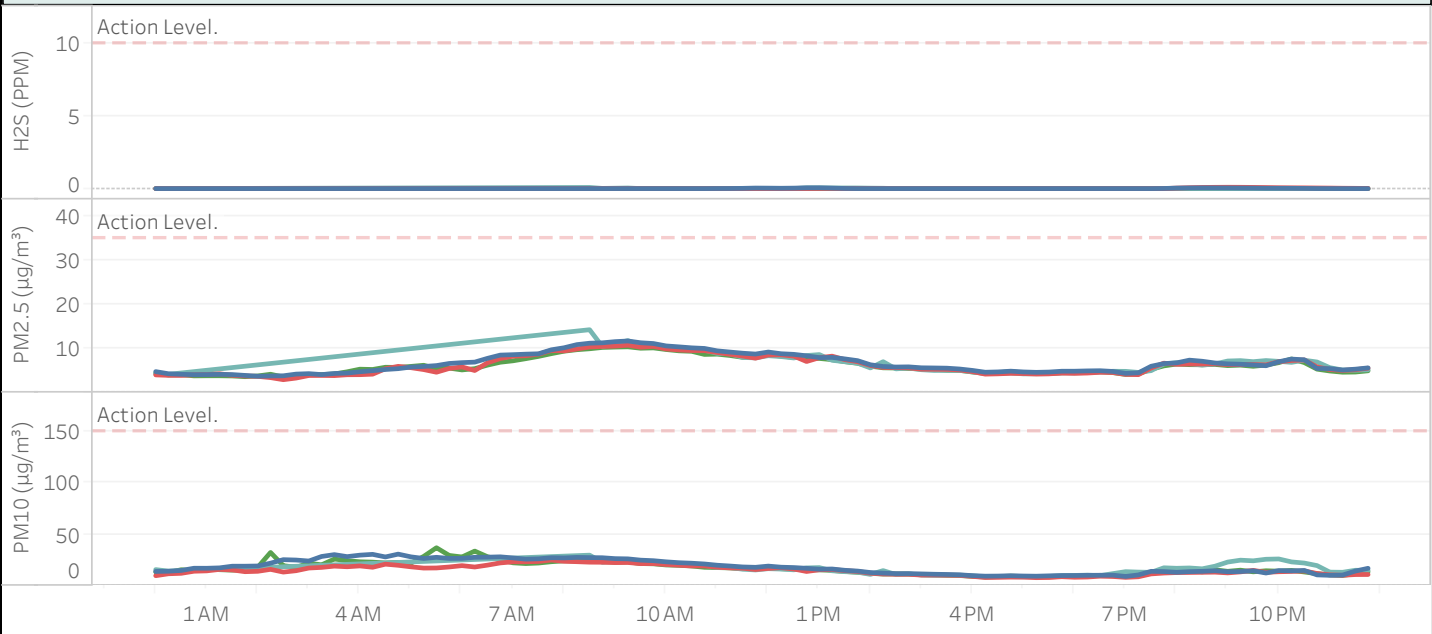


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2996 ■ 2997 ■ 3061



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Wind Rose Chart 2943

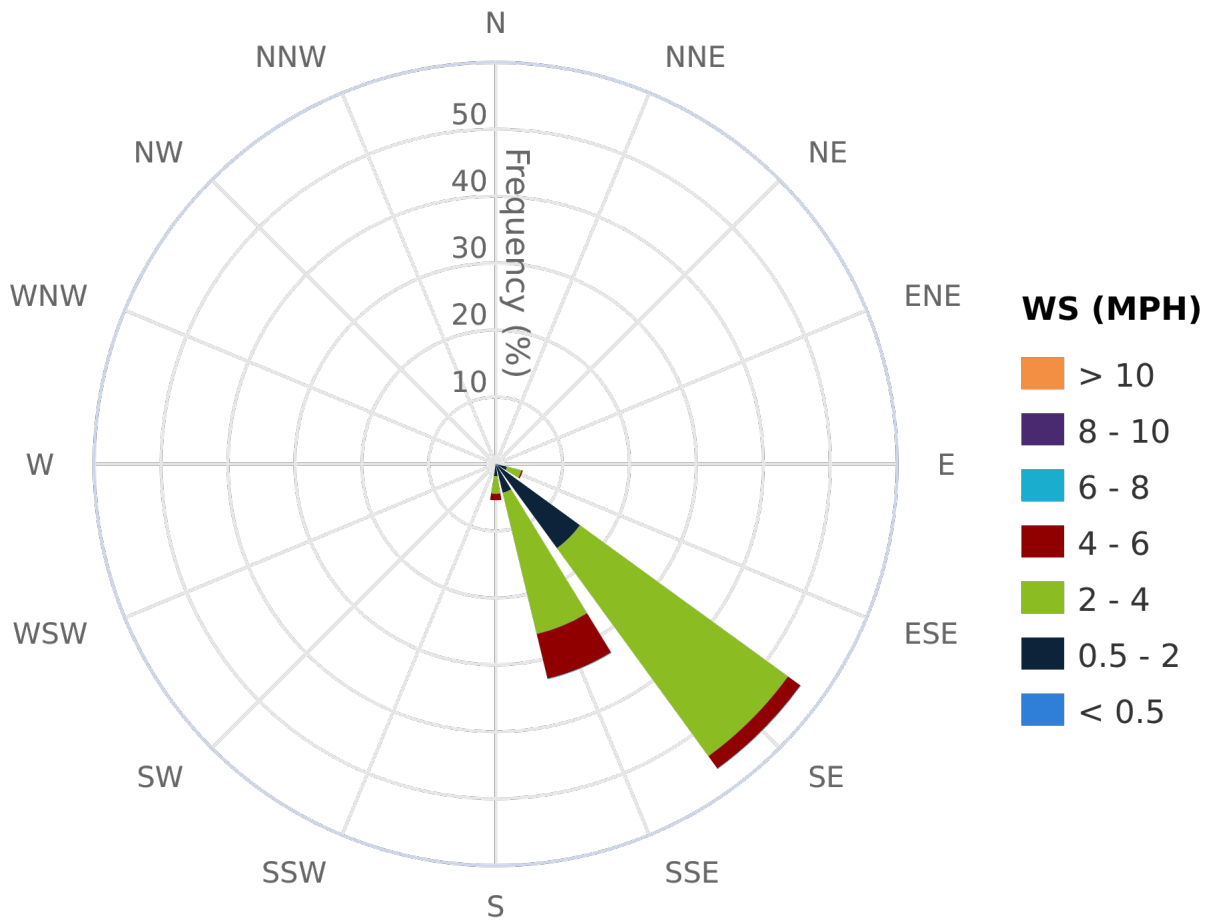


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

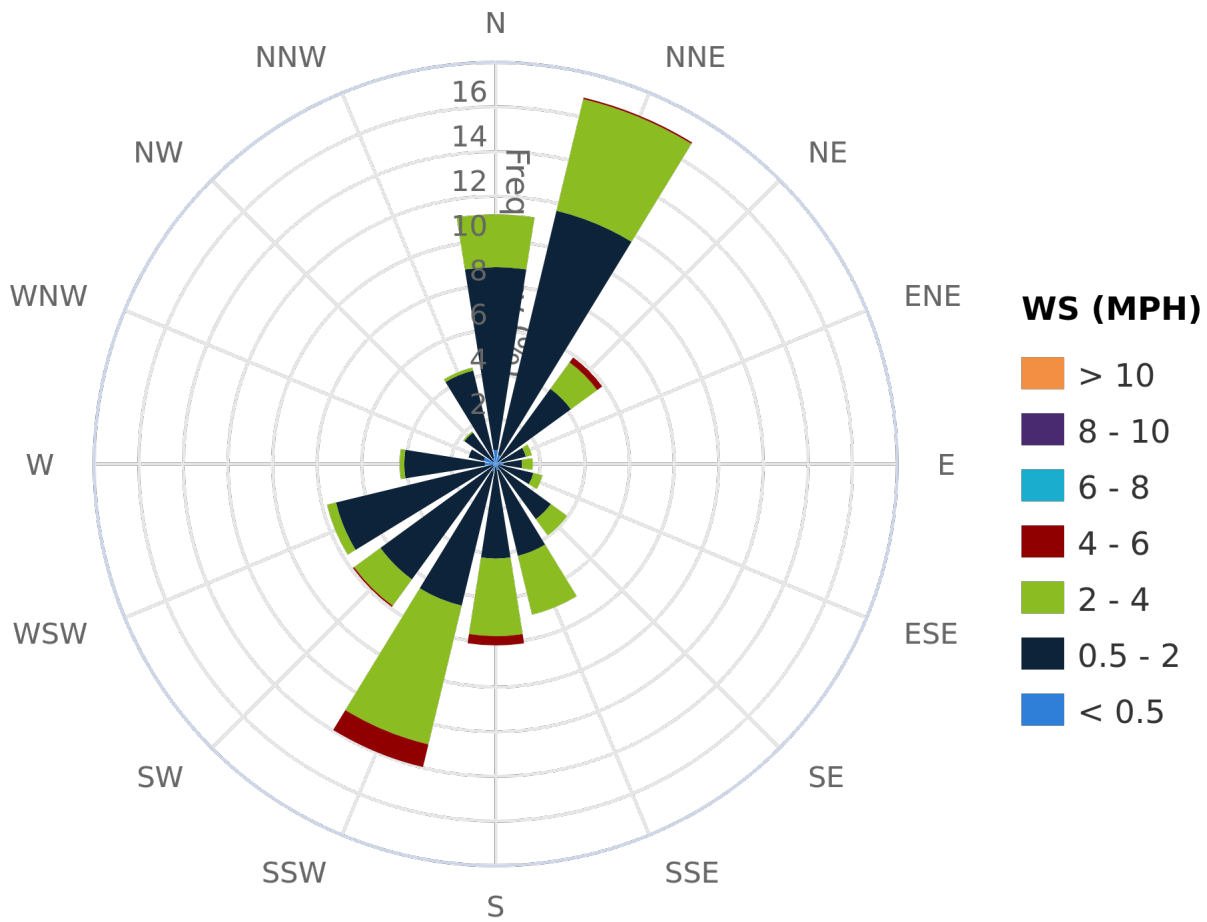


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

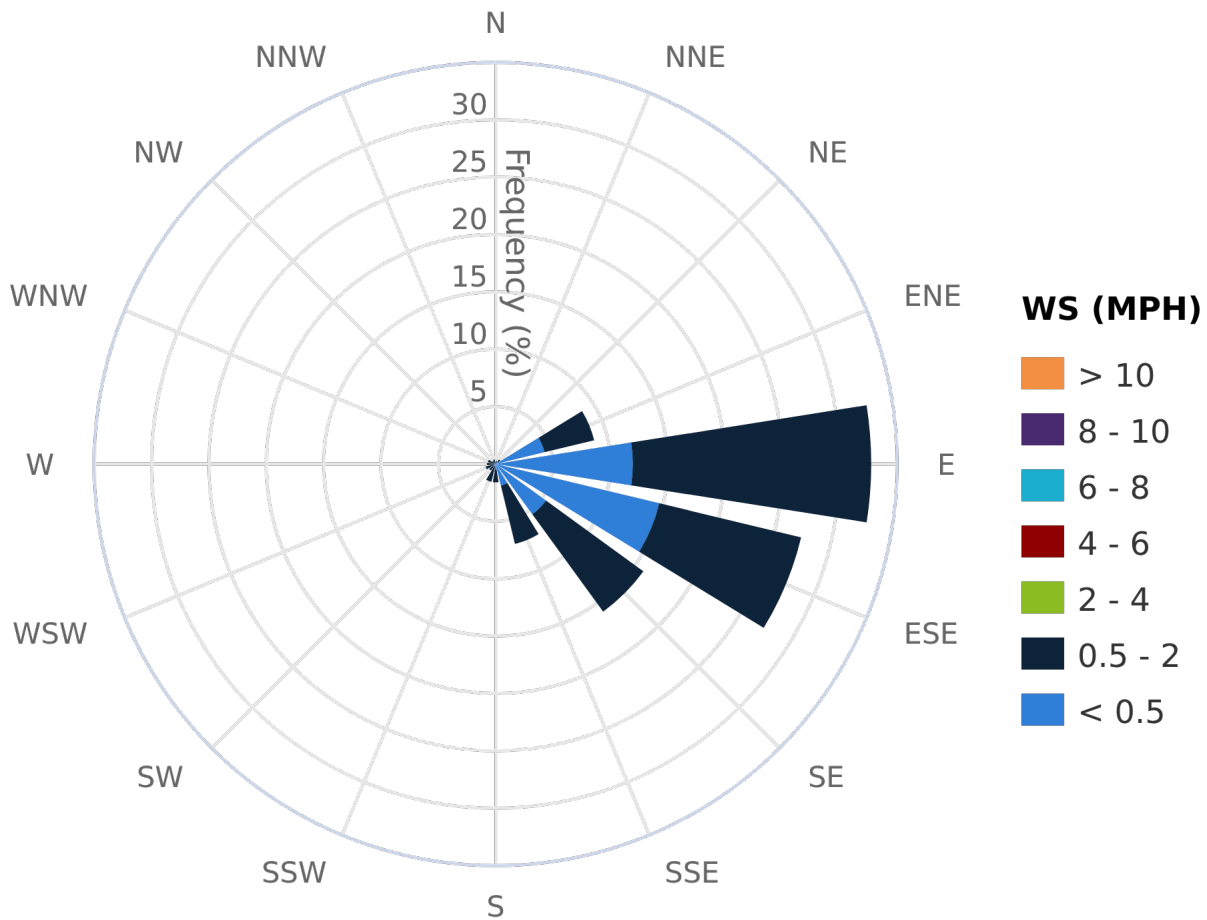


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

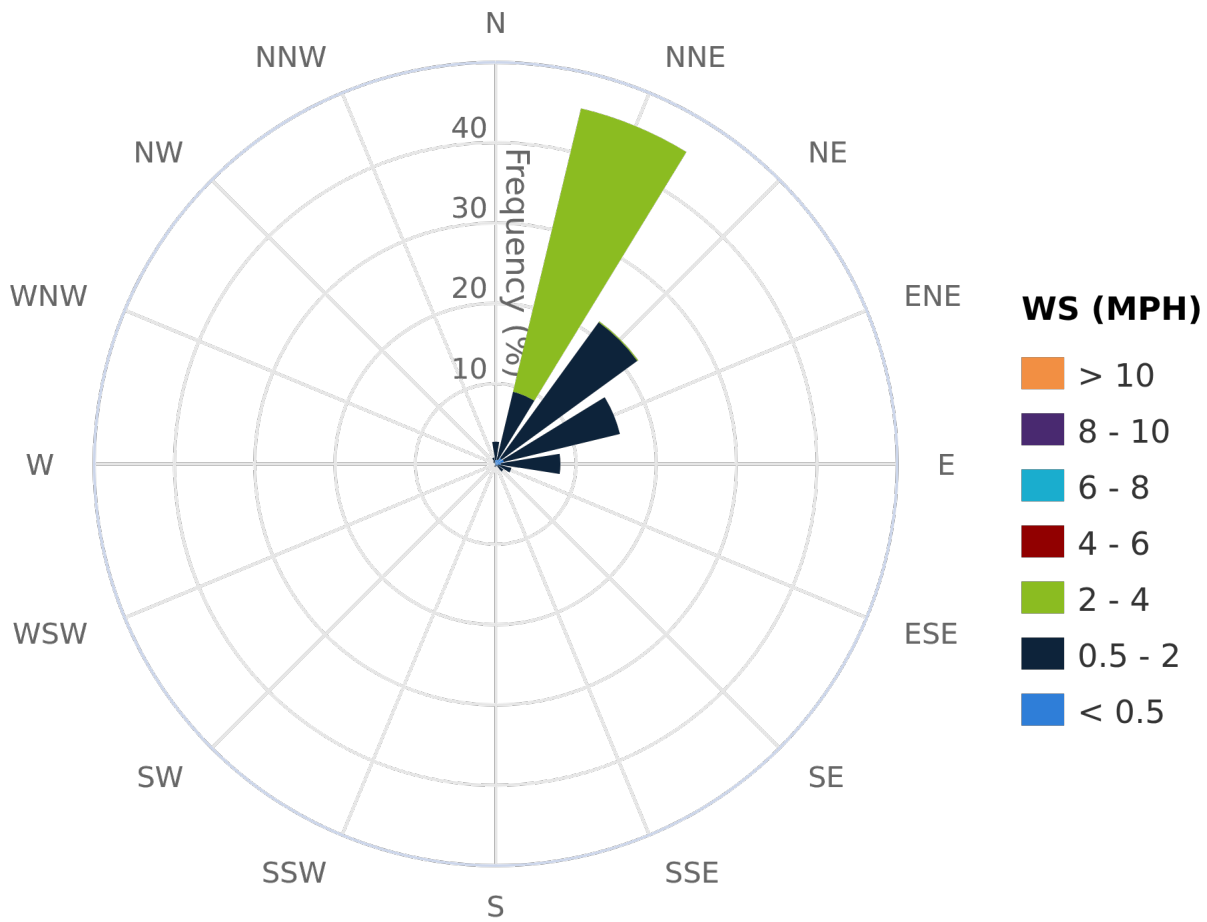


Figure 3 : Wind Rose Chart (WS in MPH)



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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	13.4	15.7	9.8	4.8	4.4	4.0	4.2	0.000	0.000	0.000	0.000
00:15:00	14.1	12.8	14.2	11.6	4.3	4.0	3.9	4.1	0.000	0.000	0.000	0.000
00:30:00	14.8	15.5		12.1	4.1	4.0	3.9		0.000	0.000	0.000	
00:45:00	17.0	14.7		14.1	4.1	3.8	4.0		0.000	0.000	0.000	
01:00:00	17.0	16.3		14.4	4.1	3.8	4.1		0.000	0.000	0.000	
01:15:00	17.3	15.6		15.8	4.1	3.8	4.3		0.000	0.000	0.000	
01:30:00	19.0	15.1		15.3	4.1	3.8	3.9		0.000	0.000	0.000	
01:45:00	19.0	15.3		13.6	3.9	3.6	3.8		0.000	0.000	0.000	
02:00:00	19.2	18.0		14.0	3.7	3.8	3.7		0.000	0.000	0.000	
02:15:00	21.9	32.3		15.9	3.8	4.2	3.4		0.000	0.000	0.000	
02:30:00	25.3	19.5		13.2	3.8	3.5	2.9		0.000	0.000	0.000	
02:45:00	24.9	17.9		14.6	4.2	3.5	3.3		0.000	0.000	0.000	
03:00:00	24.0	21.9		17.2	4.3	4.1	3.9		0.000	0.000	0.000	
03:15:00	28.4	20.3		17.8	4.1	4.1	3.9		0.000	0.000	0.000	
03:30:00	30.2	25.9		19.0	4.3	4.2	3.9		0.000	0.000	0.000	
03:45:00	28.2	24.3		18.4	4.4	4.7	4.0		0.000	0.000	0.000	
04:00:00	29.7	23.2		19.2	4.7	5.3	4.1		0.000	0.000	0.000	
04:15:00	30.4	22.9		17.9	5.0	5.2	4.2		0.000	0.000	0.000	
04:30:00	27.9	22.1		20.9	5.2	5.7	5.4		0.000	0.000	0.000	
04:45:00	30.7	22.7		19.8	5.4	5.7	5.9		0.000	0.000	0.000	
05:00:00	28.0	21.9		18.3	5.8	5.9	5.6		0.000	0.000	0.000	
05:15:00	26.4	28.5		17.1	5.9	6.2	5.2		0.000	0.000	0.000	
05:30:00	27.6	36.8		17.2	6.1	5.4	4.6		0.000	0.000	0.000	
05:45:00	26.5	29.4		18.2	6.6	5.5	5.5		0.000	0.000	0.000	
06:00:00	26.5	27.9		19.5	6.8	5.1	5.8		0.000	0.000	0.000	
06:15:00	27.6	33.6		18.2	6.9	5.4	5.0		0.000	0.000	0.000	
06:30:00	27.7	28.1		20.0	7.8	6.2	6.7		0.000	0.000	0.000	
06:45:00	28.0	25.1		22.1	8.5	6.9	7.7		0.000	0.000	0.000	
07:00:00	27.0	22.2		23.2	8.6	7.2	8.2		0.000	0.000	0.000	
07:15:00	25.8	21.5		23.2	8.7	7.7	8.3		0.000	0.000	0.000	
07:30:00	26.1	22.0		23.5	8.8	8.2	8.7		0.000	0.000	0.000	
07:45:00	27.2	23.3		24.9	9.7	8.8	9.5		0.000	0.000	0.000	
08:00:00	27.0	24.1		23.7	10.1	9.4	9.4		0.000	0.000	0.000	
08:15:00	27.5	24.0		23.3	10.8	9.7	9.9		0.000	0.000	0.000	
08:30:00	27.3	23.8	29.7	22.9	11.2	9.9	10.3	14.2	0.000	0.000	0.000	0.081
08:45:00	27.1	23.5	22.7	22.8	11.3	10.2	10.4	10.4	0.000	0.000	0.000	0.014
09:00:00	26.3	22.8		22.4	11.5	10.3	10.5		0.000	0.000	0.000	
09:15:00	26.1	23.1	25.1	22.5	11.7	10.4	10.7	11.8	0.000	0.000	0.000	0.042
09:30:00	24.8	21.5	22.2	21.4	11.3	10.0	10.3	10.8	0.000	0.000	0.000	0.002
09:45:00	24.3	21.2	22.2	21.5	11.1	10.1	10.5	10.8	0.000	0.000	0.000	0.001
10:00:00	23.2	20.1	20.9	20.6	10.6	9.7	9.9	10.3	0.000	0.000	0.000	0.005
10:15:00	22.3	19.8	20.7	19.9	10.3	9.4	9.6	10.0	0.000	0.000	0.000	0.005
10:30:00	21.9	19.1	19.8	19.2	10.1	9.3	9.5	9.6	0.000	0.000	0.000	0.000
10:45:00	21.1	17.9	19.7	19.2	10.0	8.6	9.5	9.6	0.000	0.000	0.000	0.000
11:00:00	19.9	17.6	17.7	18.0	9.4	8.7	9.1	8.9	0.005	0.001	0.000	0.000
11:15:00	19.1	17.3	17.6	17.3	9.2	8.4	8.7	8.8	0.008	0.001	0.000	0.000
11:30:00	18.2	16.5	16.0	17.0	8.9	8.0	8.3	8.0	0.018	0.002	0.000	0.000
11:45:00	17.9	16.9	15.3	15.7	8.7	8.1	7.8	7.9	0.037	0.002	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	19.1	17.5	16.5	16.8	9.2	8.6	8.5	8.3	0.032	0.002	0.000	0.000
12:15:00	18.0	16.5	16.2	17.5	8.8	8.2	8.5	8.2	0.024	0.001	0.000	0.000
12:30:00	17.6	16.1	15.4	16.2	8.7	8.0	8.3	7.8	0.033	0.001	0.000	0.004
12:45:00	16.9	15.5	17.3	13.8	8.3	7.7	7.0	8.4	0.051	0.000	0.000	0.055
13:00:00	16.0	15.4	17.6	15.5	7.9	7.7	7.9	8.6	0.054	0.000	0.006	0.056
13:15:00	16.3	14.9	14.5	15.7	8.0	7.5	8.2	7.3	0.035	0.000	0.009	0.045
13:30:00	15.0	13.8	13.6	14.6	7.6	7.0	7.5	7.0	0.010	0.000	0.000	0.045
13:45:00	14.3	13.0	13.2	13.8	7.2	6.6	7.0	6.7	0.000	0.000	0.000	0.044
14:00:00	12.8	12.0	11.0	12.2	6.3	6.0	6.1	5.6	0.000	0.000	0.000	0.031
14:15:00	12.2	11.3	14.7	11.4	5.9	5.6	5.7	7.0	0.000	0.000	0.000	0.024
14:30:00	11.8	11.5	10.9	11.2	5.8	5.6	5.7	5.4	0.000	0.000	0.000	0.001
14:45:00	11.8	11.3	11.4	11.1	5.8	5.5	5.6	5.6	0.000	0.000	0.000	0.002
15:00:00	11.5	10.6	10.5	10.3	5.6	5.3	5.3	5.2	0.000	0.000	0.000	0.000
15:15:00	11.2	10.5	10.1	10.4	5.6	5.3	5.3	5.0	0.000	0.000	0.000	0.000
15:30:00	11.0	10.1	10.3	10.3	5.5	5.1	5.3	5.0	0.000	0.000	0.000	0.000
15:45:00	10.6	9.9	10.3	10.1	5.3	5.0	5.1	5.0	0.000	0.000	0.000	0.000
16:00:00	9.8	9.1	9.7	9.1	5.0	4.7	4.7	4.7	0.000	0.000	0.000	0.000
16:15:00	9.3	8.5	8.6	8.0	4.6	4.4	4.2	4.3	0.000	0.000	0.000	0.000
16:30:00	9.4	8.9	8.9	8.1	4.7	4.5	4.2	4.3	0.000	0.000	0.000	0.000
16:45:00	9.7	9.4	8.8	8.4	4.9	4.7	4.4	4.4	0.000	0.000	0.000	0.000
17:00:00	9.4	9.0	8.7	8.3	4.7	4.5	4.3	4.2	0.000	0.000	0.000	0.000
17:15:00	9.3	9.0	8.8	7.8	4.6	4.3	4.2	4.3	0.000	0.000	0.000	0.000
17:30:00	9.6	8.7	9.0	8.0	4.7	4.4	4.2	4.3	0.000	0.000	0.000	0.000
17:45:00	9.9	8.9	9.9	8.8	4.8	4.5	4.4	4.5	0.000	0.000	0.000	0.000
18:00:00	9.9	9.5	10.0	8.2	4.8	4.6	4.4	4.4	0.000	0.000	0.000	0.000
18:15:00	10.1	9.6	10.3	8.5	4.9	4.6	4.4	4.6	0.000	0.000	0.000	0.000
18:30:00	10.2	10.1	9.8	9.3	5.0	4.7	4.6	4.7	0.000	0.000	0.000	0.000
18:45:00	10.3	9.6	11.8	9.0	4.8	4.5	4.5	4.8	0.000	0.000	0.000	0.000
19:00:00	9.0	9.2	13.7	8.1	4.4	4.1	4.1	4.8	0.000	0.000	0.000	0.000
19:15:00	10.5	11.1	13.2	8.7	4.5	4.2	4.1	4.6	0.000	0.000	0.000	0.000
19:30:00	14.0	12.8	13.0	11.5	6.0	5.3	5.6	5.0	0.000	0.001	0.000	0.000
19:45:00	13.8	13.5	17.4	12.3	6.6	6.0	6.7	6.5	0.010	0.004	0.001	0.000
20:00:00	13.1	12.9	16.9	12.8	6.7	6.5	6.4	6.8	0.037	0.006	0.035	0.005
20:15:00	13.7	15.2	17.3	12.9	7.3	6.3	6.5	6.5	0.046	0.006	0.063	0.007
20:30:00	14.0	13.4	16.4	13.0	7.1	6.3	6.5	6.2	0.051	0.005	0.081	0.007
20:45:00	14.6	15.4	18.9	13.2	6.7	6.4	6.5	6.5	0.048	0.005	0.088	0.003
21:00:00	13.6	14.0	23.0	12.5	6.5	6.1	6.3	7.1	0.045	0.004	0.093	0.000
21:15:00	13.8	15.1	24.8	13.4	6.4	6.2	6.3	7.2	0.040	0.004	0.090	0.000
21:30:00	14.5	13.5	24.2	14.9	6.3	6.0	6.4	7.0	0.034	0.003	0.082	0.000
21:45:00	12.3	14.5	25.7	13.0	6.1	6.2	6.3	7.3	0.024	0.002	0.073	0.000
22:00:00	14.7	14.2	26.0	13.6	7.0	6.8	7.0	7.1	0.023	0.001	0.061	0.000
22:15:00	14.4	14.9	23.1	13.9	7.6	7.6	7.3	6.8	0.021	0.002	0.054	0.000
22:30:00	14.9	13.3	22.0	14.3	7.4	6.8	7.4	7.3	0.014	0.000	0.051	0.000
22:45:00	10.5	11.7	19.5	11.9	5.5	5.3	5.8	6.9	0.005	0.001	0.043	0.000
23:00:00	10.1	10.5	13.2	10.6	5.4	4.9	5.2	5.6	0.001	0.000	0.036	0.000
23:15:00	10.3	10.0	13.1	10.1	5.1	4.6	5.0	5.1	0.000	0.000	0.025	0.000
23:30:00	14.2	11.6	15.0	10.9	5.3	4.7	5.2	5.1	0.000	0.000	0.019	0.000
23:45:00	16.9	13.5	14.9	10.9	5.6	4.9	5.5	5.2	0.000	0.000	0.013	0.000



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

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