



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-06-24

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.179 to 6.465	2943 SE	3061 SSW	2996 SSW	2997 NNW	Min : 75.20 Max : 101.8	Min : 43.50 Max : 89.20	Min : 29.92 Max : 30.15

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	22.5	89.0	8.3	16.6	0.017	0.145	
2996	17.9	40.6	8.1	16.9	0.013	0.130	
2997	22.9	55.9	8.0	16.4	0.006	0.037	
3061	18.2	37.4	7.7	13.5	0.002	0.018	



Figure 1 : Monitoring Locations

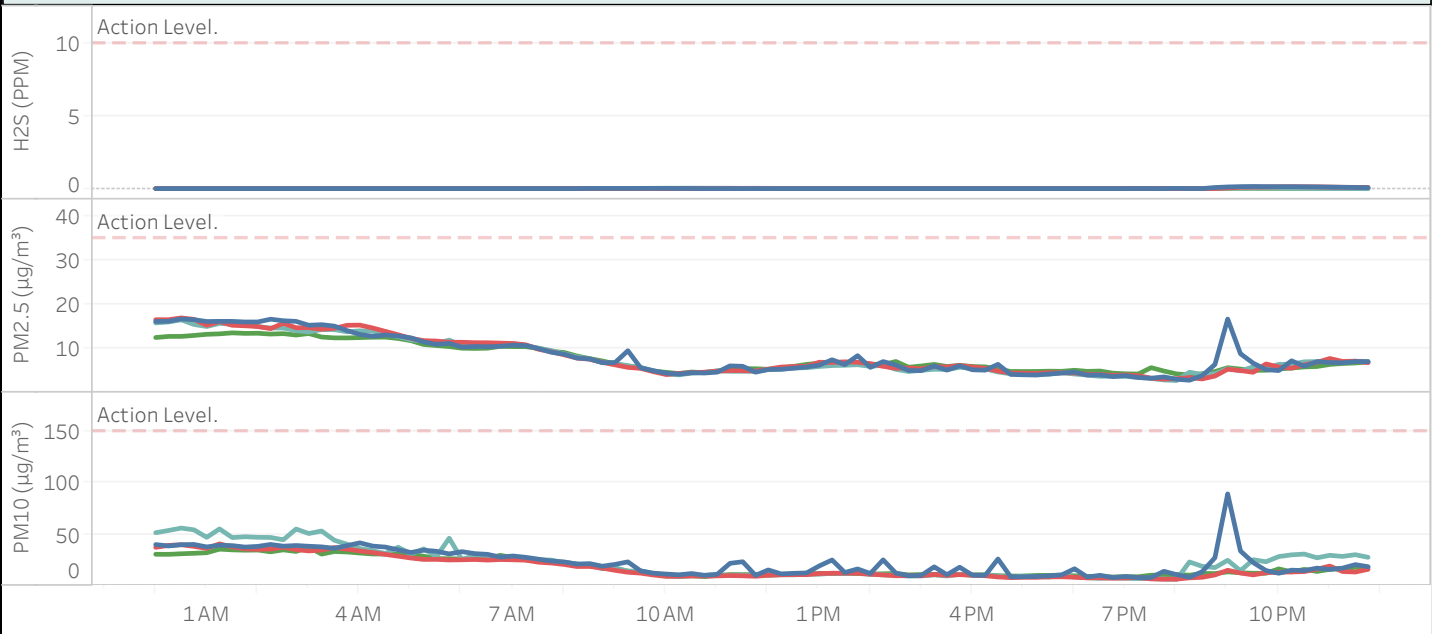


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2996 ■ 2997 ■ 3061



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Wind Rose Chart 2943

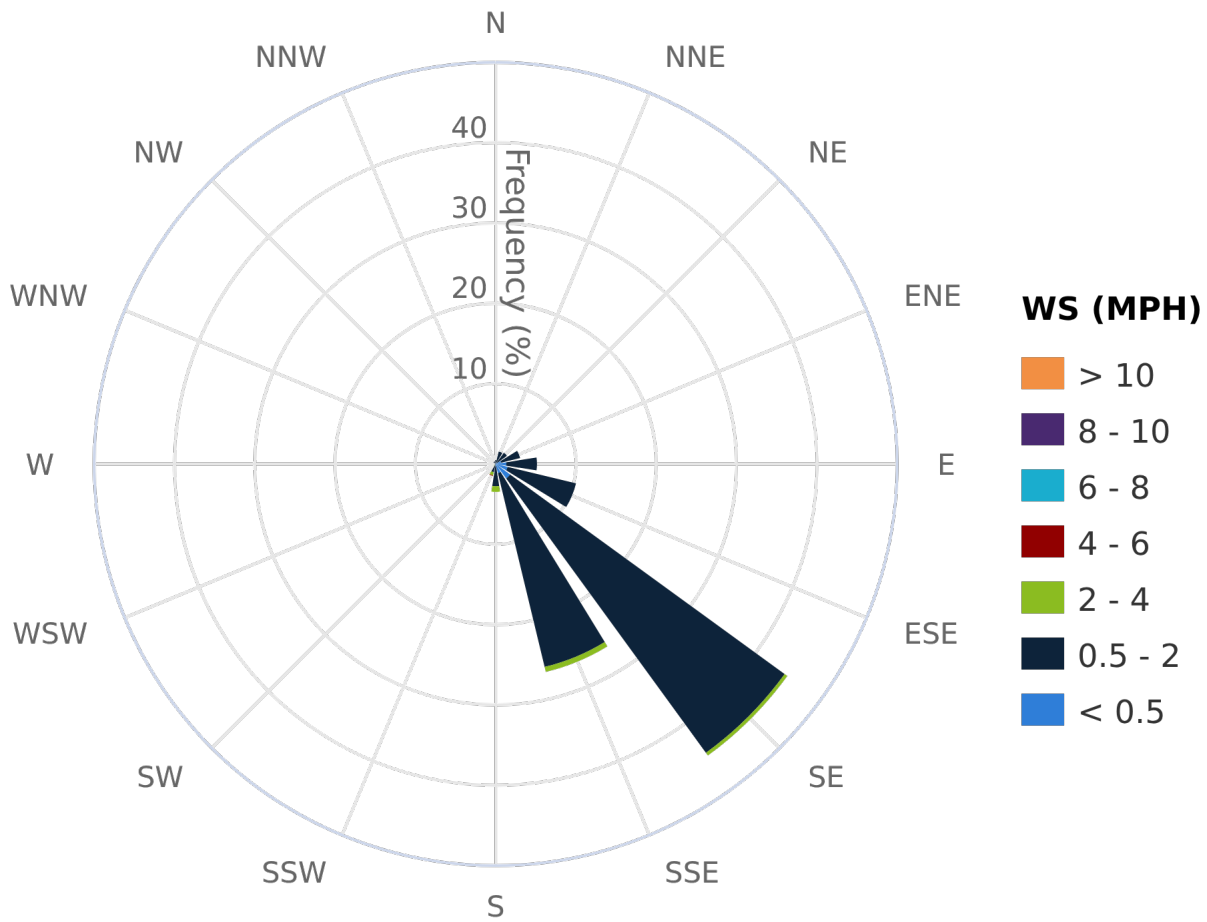


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

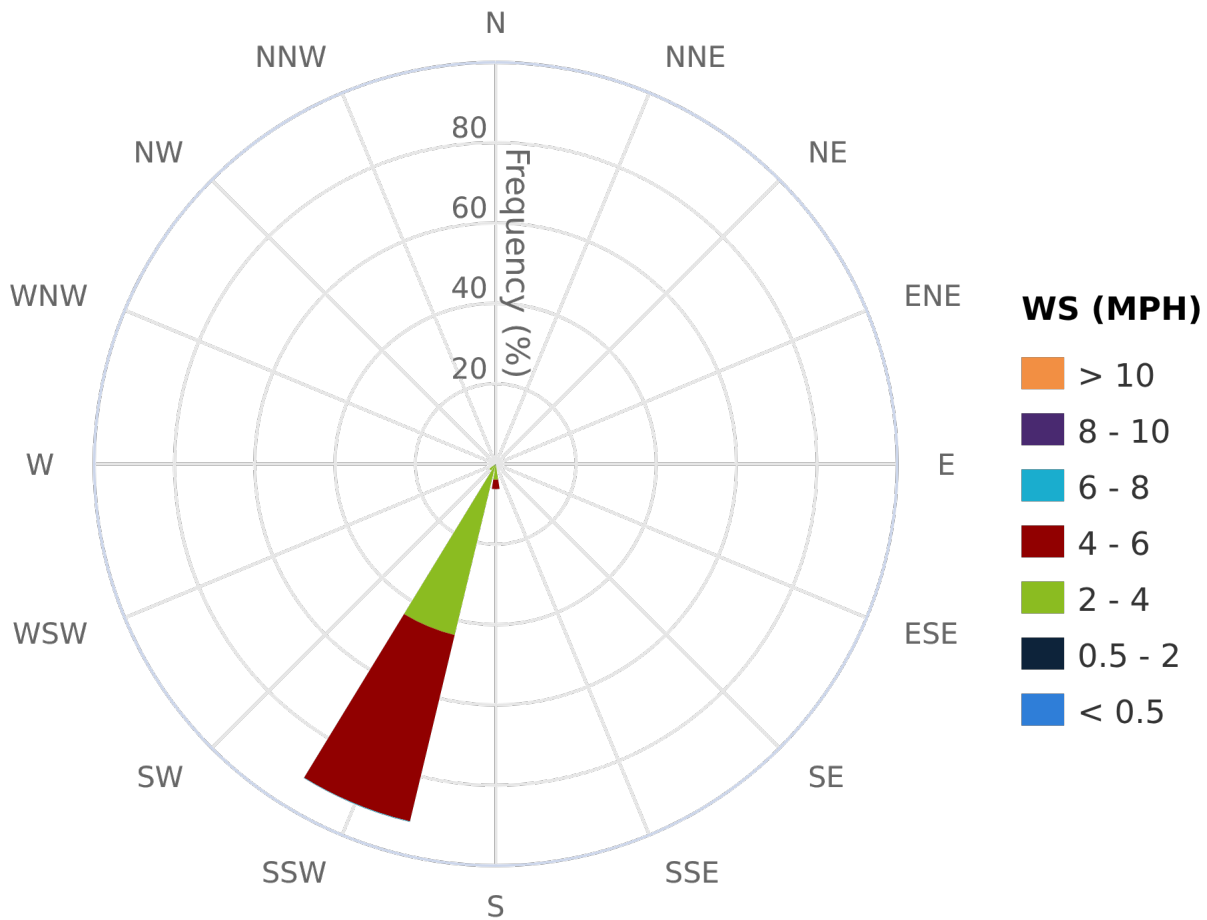


Figure 3 : Wind Rose Chart (WS in MPH)



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Date : 2026-06-24

Wind Rose Chart 2996

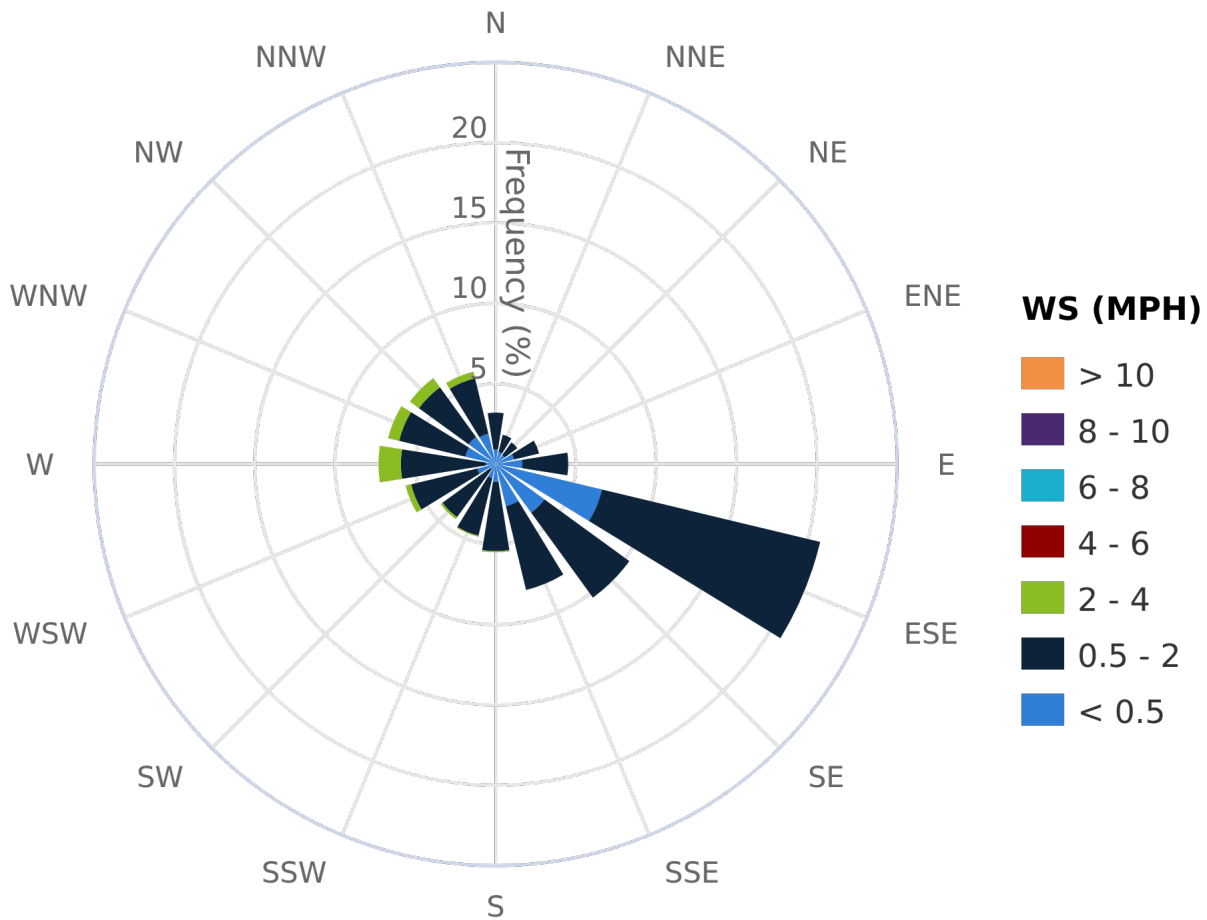


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

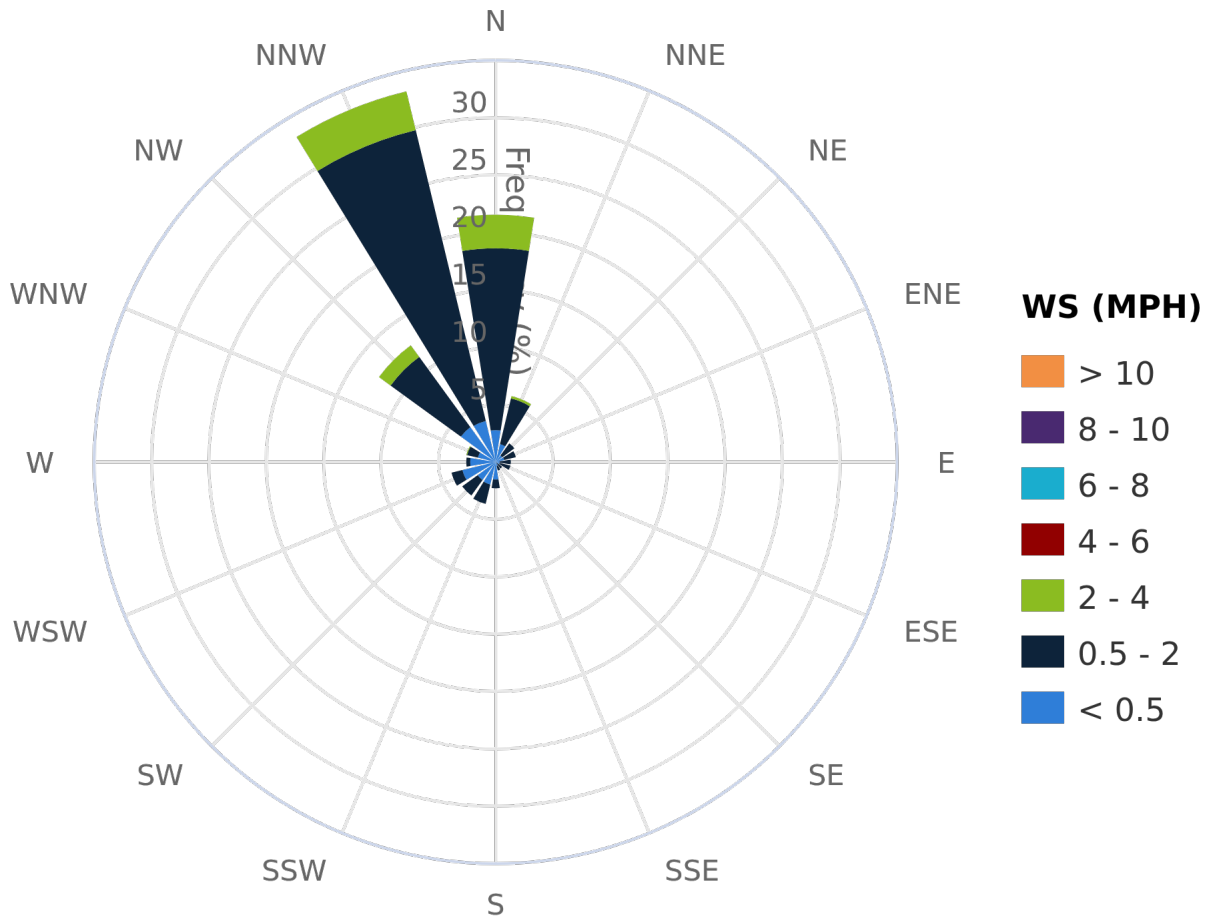


Figure 3 : Wind Rose Chart (WS in MPH)



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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	39.9	30.5	51.4	37.2	16.1	12.5	16.5	15.7	0.000	0.000	0.000	0.000
00:15:00	38.6	30.4	53.5	39.1	16.1	12.7	16.5	16.0	0.000	0.000	0.000	0.000
00:30:00	39.8	31.0	55.9	39.7	16.6	12.7	16.9	16.4	0.000	0.000	0.000	0.000
00:45:00	40.0	31.5	54.2	38.1	16.5	12.9	16.6	15.4	0.000	0.000	0.000	0.000
01:00:00	37.6	32.0	46.9	36.2	16.1	13.2	15.2	14.9	0.000	0.000	0.000	0.000
01:15:00	39.3	35.5	55.1	40.6	16.1	13.3	16.0	15.6	0.000	0.000	0.000	0.000
01:30:00	38.9	34.8	46.7	37.6	16.1	13.5	15.2	15.5	0.000	0.000	0.000	0.000
01:45:00	37.5	34.5	47.5	35.7	16.0	13.4	15.1	15.5	0.000	0.000	0.000	0.000
02:00:00	38.1	34.6	46.9	35.3	16.0	13.4	14.9	14.9	0.000	0.000	0.000	0.000
02:15:00	40.0	32.9	46.8	35.5	16.6	13.2	14.5	14.6	0.000	0.000	0.000	0.000
02:30:00	38.4	34.8	44.5	37.3	16.3	13.3	15.7	14.6	0.000	0.000	0.000	0.000
02:45:00	39.0	33.2	54.9	35.0	16.1	13.0	14.7	14.0	0.000	0.000	0.000	0.000
03:00:00	38.3	37.4	50.6	33.7	15.2	13.4	14.7	13.7	0.000	0.000	0.000	0.000
03:15:00	37.7	30.7	53.0	34.5	15.4	12.6	14.3	14.2	0.000	0.000	0.000	0.000
03:30:00	36.3	33.2	44.1	37.0	15.0	12.4	14.5	14.2	0.000	0.000	0.000	0.000
03:45:00	38.9	32.7	40.2	35.4	14.0	12.4	15.2	13.7	0.000	0.000	0.000	0.000
04:00:00	41.6	31.7	36.1	33.7	13.1	12.4	15.3	14.0	0.000	0.000	0.000	0.000
04:15:00	38.4	30.8	34.0	32.2	12.7	12.5	14.6	13.9	0.000	0.000	0.000	0.000
04:30:00	37.5	30.8	31.2	30.4	13.0	12.5	13.8	13.2	0.000	0.000	0.000	0.000
04:45:00	34.8	30.4	37.3	28.6	12.8	12.2	13.1	12.7	0.000	0.000	0.000	0.000
05:00:00	32.2	30.3	30.8	26.9	12.4	11.7	12.3	12.0	0.000	0.000	0.000	0.000
05:15:00	34.4	28.6	35.7	25.5	11.5	10.9	11.7	11.6	0.000	0.000	0.000	0.000
05:30:00	33.4	26.3	28.3	25.6	10.9	10.6	11.7	11.1	0.000	0.000	0.000	0.000
05:45:00	30.9	26.2	46.1	25.0	11.1	10.4	11.4	11.9	0.000	0.000	0.000	0.000
06:00:00	33.0	25.9	25.3	25.2	10.3	10.0	11.4	10.6	0.000	0.000	0.000	0.000
06:15:00	31.1	26.4	29.7	25.4	10.4	10.0	11.3	11.0	0.000	0.000	0.000	0.000
06:30:00	30.4	26.3	29.4	24.9	10.4	10.0	11.3	10.8	0.000	0.000	0.000	0.000
06:45:00	27.8	29.5	27.7	25.4	10.5	10.5	11.2	10.9	0.000	0.000	0.000	0.000
07:00:00	28.8	27.1	26.3	25.1	10.7	10.4	11.1	11.1	0.000	0.000	0.000	0.000
07:15:00	27.5	25.1	25.9	24.8	10.6	10.4	10.8	10.6	0.000	0.000	0.000	0.000
07:30:00	25.7	24.2	25.0	22.8	10.0	10.0	9.8	10.1	0.000	0.000	0.000	0.000
07:45:00	24.0	22.8	24.9	22.0	9.1	9.3	9.2	9.5	0.000	0.000	0.000	0.000
08:00:00	23.1	22.8	22.3	20.7	8.7	9.1	8.6	8.8	0.000	0.000	0.000	0.000
08:15:00	21.0	21.0	21.0	18.6	7.8	8.3	7.8	8.1	0.002	0.000	0.000	0.005
08:30:00	21.4	19.3	19.9	18.7	7.6	7.7	7.5	7.6	0.012	0.001	0.000	0.006
08:45:00	19.0	17.7	16.5	17.1	6.8	7.2	6.8	6.8	0.014	0.001	0.000	0.009
09:00:00	20.7	16.4	17.5	14.9	6.8	6.5	6.3	6.5	0.016	0.001	0.000	0.010
09:15:00	23.1	14.3	14.0	13.1	9.5	6.0	5.7	6.1	0.012	0.001	0.000	0.016
09:30:00	14.4	13.4	14.4	12.2	5.6	5.7	5.5	5.7	0.017	0.000	0.000	0.016
09:45:00	12.2	11.2	11.7	10.4	5.0	4.9	4.7	4.9	0.016	0.000	0.000	0.022
10:00:00	11.3	10.4	9.6	9.1	4.4	4.6	4.1	4.2	0.017	0.000	0.000	0.026
10:15:00	10.6	9.3	8.9	9.2	4.2	4.3	4.4	4.0	0.009	0.000	0.000	0.028
10:30:00	11.8	9.6	9.8	9.5	4.5	4.7	4.5	4.4	0.009	0.000	0.000	0.029
10:45:00	10.2	8.9	10.1	9.4	4.4	4.5	4.6	4.6	0.000	0.000	0.000	0.028
11:00:00	11.1	10.0	10.9	9.6	4.6	4.9	4.9	4.9	0.000	0.000	0.000	0.028
11:15:00	21.7	10.8	9.9	9.9	6.0	5.2	5.0	4.8	0.000	0.000	0.000	0.027
11:30:00	23.3	10.8	10.3	9.6	6.0	5.4	5.0	4.8	0.000	0.000	0.000	0.020
11:45:00	10.1	10.8	10.0	9.2	4.6	5.4	4.9	4.8	0.000	0.000	0.000	0.025



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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	15.3	10.4	10.4	10.2	5.2	5.3	5.3	5.2	0.000	0.000	0.000	0.019
12:15:00	11.5	10.8	10.7	10.5	5.3	5.6	5.8	5.3	0.000	0.000	0.000	0.010
12:30:00	12.1	10.9	10.5	10.8	5.5	5.9	5.9	5.6	0.000	0.000	0.000	0.001
12:45:00	12.4	11.5	11.2	10.7	5.8	6.4	6.0	5.6	0.000	0.000	0.000	0.000
13:00:00	19.2	12.0	11.2	11.8	6.2	6.6	6.9	5.9	0.000	0.000	0.000	0.000
13:15:00	25.0	11.9	12.2	12.1	7.4	6.5	6.8	6.1	0.000	0.000	0.000	0.000
13:30:00	12.8	12.1	11.7	12.2	6.3	6.6	7.0	6.2	0.000	0.000	0.000	0.000
13:45:00	16.3	11.9	12.6	12.1	8.4	6.7	6.9	6.3	0.000	0.000	0.000	0.000
14:00:00	11.9	11.3	11.2	11.2	5.7	6.5	6.5	5.9	0.000	0.000	0.000	0.000
14:15:00	25.1	11.6	10.6	10.4	7.0	6.3	5.9	6.2	0.000	0.000	0.000	0.000
14:30:00	12.2	11.9	10.3	9.7	6.2	7.0	5.5	5.3	0.000	0.000	0.000	0.000
14:45:00	9.7	10.5	9.3	9.8	5.0	5.7	5.6	4.8	0.000	0.000	0.000	0.000
15:00:00	10.1	10.9	9.5	9.7	5.0	6.0	5.4	5.0	0.000	0.000	0.000	0.000
15:15:00	18.3	11.1	10.5	10.9	6.0	6.4	5.9	5.3	0.000	0.000	0.000	0.000
15:30:00	10.7	10.7	9.5	10.1	5.1	5.9	5.8	5.2	0.000	0.000	0.000	0.000
15:45:00	18.0	11.0	11.1	10.7	6.1	6.2	6.2	5.7	0.000	0.000	0.000	0.000
16:00:00	10.2	10.6	10.1	10.2	5.2	5.9	5.8	5.5	0.000	0.000	0.000	0.000
16:15:00	10.1	10.8	10.5	9.7	5.1	5.8	5.5	5.3	0.000	0.000	0.000	0.000
16:30:00	25.9	9.7	9.5	8.5	6.4	5.3	4.9	4.7	0.000	0.000	0.000	0.000
16:45:00	8.6	9.4	8.1	7.9	4.1	4.8	4.4	4.2	0.000	0.000	0.000	0.000
17:00:00	8.8	9.4	9.4	8.1	4.0	4.8	4.4	4.4	0.000	0.000	0.000	0.000
17:15:00	9.0	10.0	9.3	8.1	4.0	4.8	4.3	4.3	0.000	0.000	0.000	0.000
17:30:00	9.6	10.0	8.4	8.6	4.2	4.9	4.5	4.2	0.000	0.000	0.000	0.000
17:45:00	10.6	10.3	10.0	8.7	4.4	4.8	4.5	4.5	0.000	0.000	0.000	0.000
18:00:00	16.5	9.6	8.4	8.3	4.6	5.1	4.5	4.2	0.000	0.000	0.000	0.000
18:15:00	8.5	9.1	7.8	7.6	4.0	4.8	4.1	4.0	0.000	0.000	0.000	0.000
18:30:00	10.1	9.0	7.2	7.7	4.0	4.9	4.1	3.7	0.000	0.000	0.000	0.000
18:45:00	7.9	8.5	7.7	7.3	3.6	4.4	3.9	3.7	0.000	0.000	0.000	0.000
19:00:00	9.0	8.8	7.2	7.5	3.8	4.3	4.0	3.7	0.000	0.000	0.000	0.000
19:15:00	7.9	8.8	7.0	8.0	3.4	4.2	3.8	3.4	0.005	0.001	0.000	0.000
19:30:00	8.0	10.3	6.9	6.7	3.3	5.6	3.3	3.2	0.001	0.001	0.000	0.000
19:45:00	14.0	10.5	6.6	6.3	3.6	4.9	3.1	2.9	0.000	0.000	0.000	0.000
20:00:00	10.8	10.9	6.2	6.4	3.0	4.2	3.1	2.7	0.016	0.000	0.000	0.000
20:15:00	8.3	10.2	23.1	7.7	2.8	4.0	3.4	4.6	0.000	0.003	0.000	0.003
20:30:00	13.6	11.9	18.8	8.2	3.8	4.3	3.1	4.1	0.003	0.011	0.000	0.011
20:45:00	27.2	11.8	17.6	10.5	6.4	4.8	3.7	4.2	0.074	0.015	0.002	0.027
21:00:00	89.0	13.4	24.7	15.0	16.6	5.6	5.3	5.4	0.115	0.018	0.043	0.032
21:15:00	33.7	12.6	14.6	12.3	8.8	5.3	5.0	4.9	0.135	0.018	0.093	0.037
21:30:00	22.5	12.1	25.3	10.5	6.7	5.0	4.6	5.8	0.145	0.016	0.104	0.034
21:45:00	14.7	12.1	23.2	12.7	5.2	5.1	6.5	5.5	0.136	0.015	0.108	0.030
22:00:00	12.1	16.4	28.3	13.1	5.0	5.3	5.8	6.4	0.131	0.014	0.123	0.027
22:15:00	15.1	13.4	29.9	13.4	7.2	5.6	5.5	6.5	0.131	0.014	0.130	0.020
22:30:00	14.7	15.9	30.7	13.7	6.0	5.8	6.3	7.0	0.125	0.014	0.123	0.016
22:45:00	17.1	13.9	27.1	16.1	7.0	5.9	6.8	7.0	0.114	0.013	0.121	0.005
23:00:00	15.8	15.9	29.5	19.1	6.8	6.4	7.7	7.0	0.104	0.013	0.105	0.001
23:15:00	17.1	16.7	28.4	13.8	6.8	6.6	7.1	6.8	0.090	0.011	0.094	0.000
23:30:00	20.5	17.9	30.1	13.3	7.0	6.7	7.1	7.1	0.078	0.008	0.086	0.000
23:45:00	18.5	17.9	27.6	15.9	7.0	6.9	6.8	7.1	0.064	0.007	0.082	0.000



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

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