



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-05-27

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.16 to 25.86	2943 SSE	3061 WSW	2996 E	2997 NE	Min : 69.98 Max : 100.9	Min : 45.20 Max : 94.40	Min : 29.89 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	26.8	51.8	8.9	16.6	0.002	0.040
2996	20.9	34.5	8.4	15.6	0.002	0.037
2997	22.8	43.0	7.9	14.8	0.003	0.033
3061	26.2	55.4	8.4	15.0	0.000	0.003



Figure 1 : Monitoring Locations

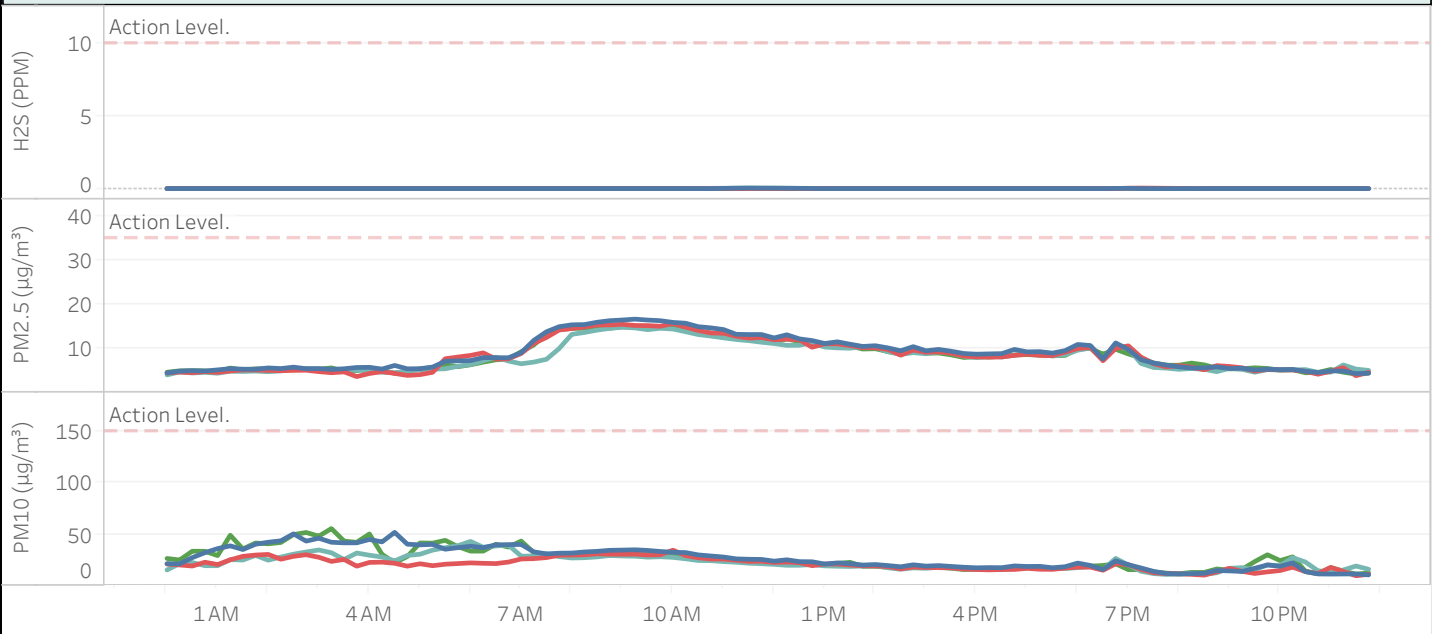


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2996 ■ 2997 ■ 3061



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Wind Rose Chart 2943

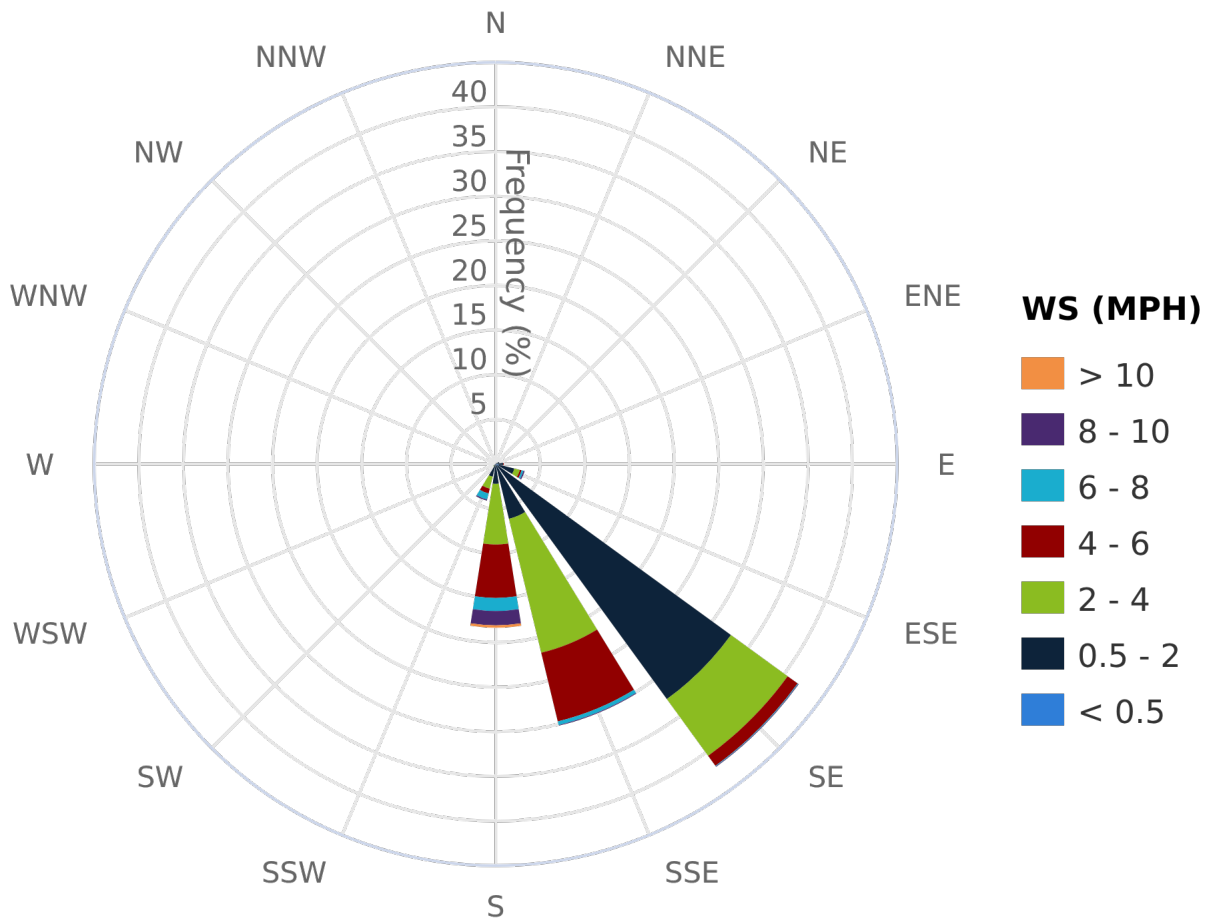


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

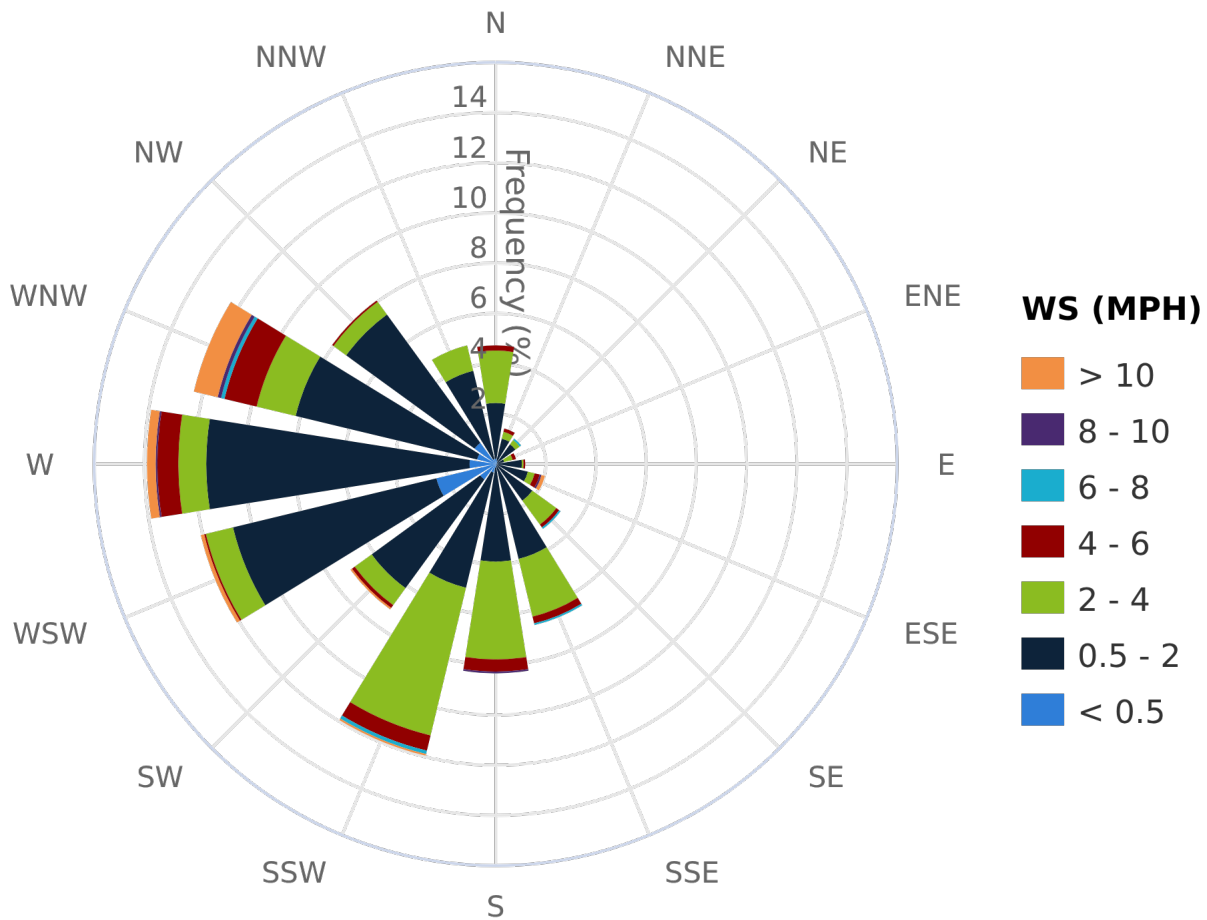


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

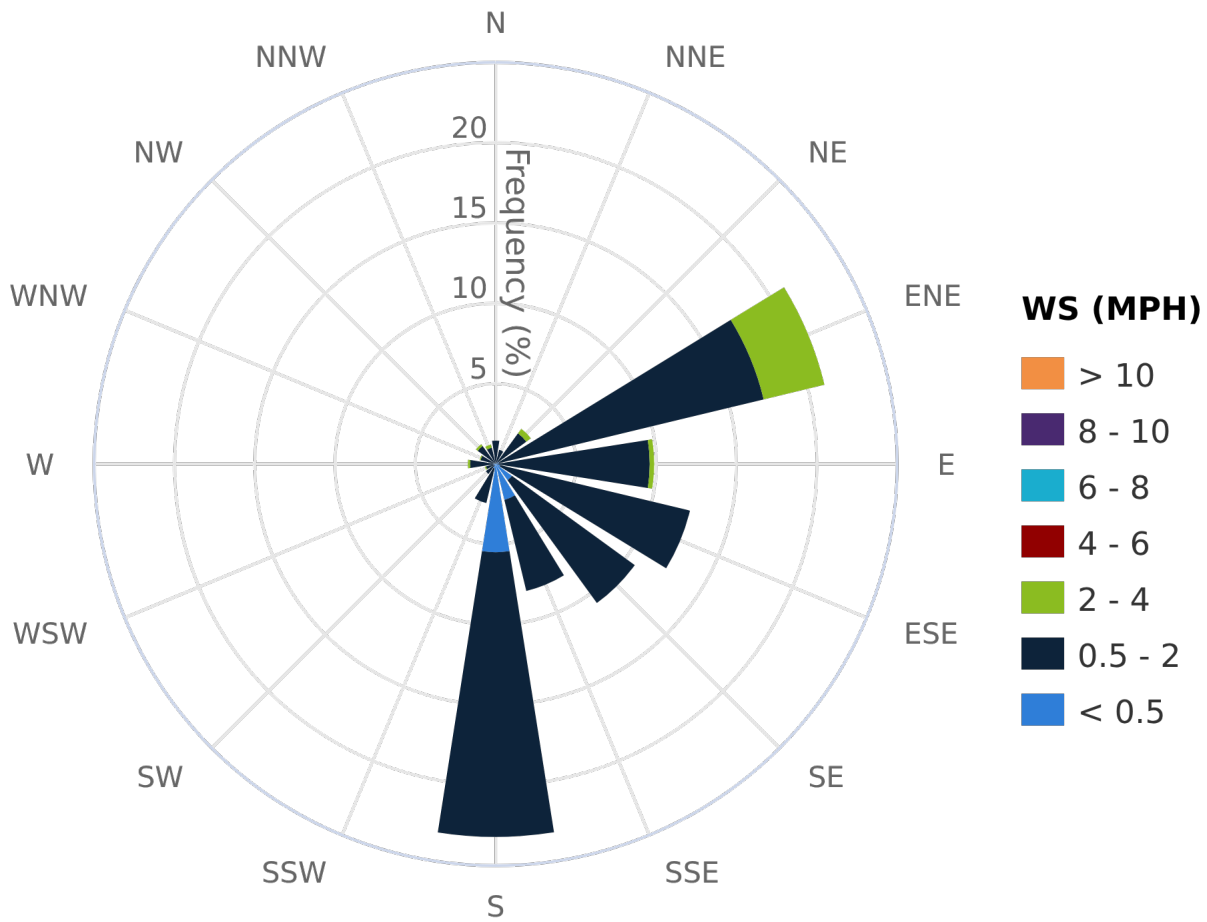


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

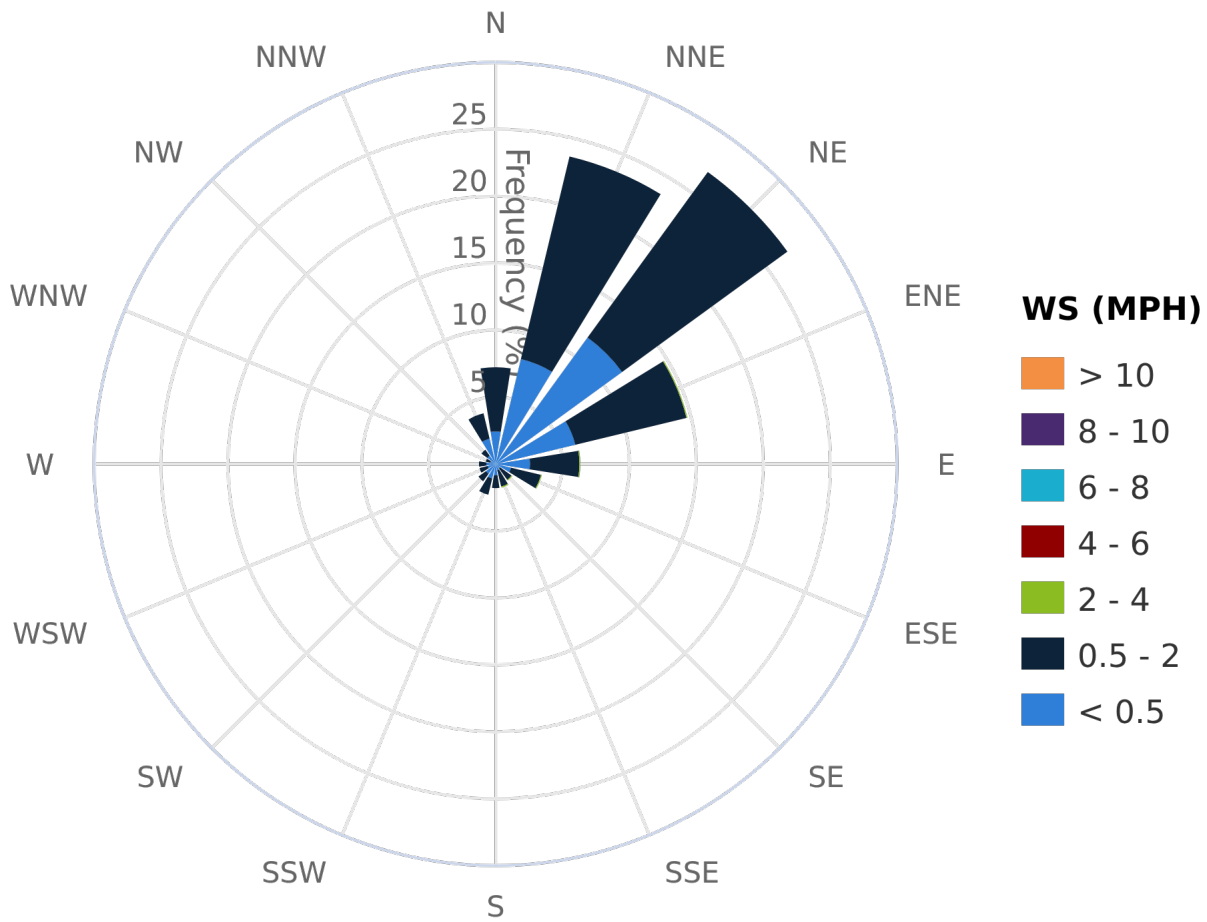


Figure 3 : Wind Rose Chart (WS in MPH)



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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	21.4	26.4	15.3	21.0	4.5	4.6	4.4	4.0	0.000	0.000	0.000	0.000
00:15:00	21.2	25.0	21.5	20.1	4.9	4.9	4.6	4.7	0.000	0.000	0.000	0.000
00:30:00	27.3	33.5	22.5	19.1	5.0	5.0	4.5	4.4	0.000	0.000	0.000	0.000
00:45:00	32.1	33.4	19.4	22.8	4.9	4.9	4.8	4.6	0.000	0.000	0.000	0.000
01:00:00	36.0	29.2	19.4	20.5	5.1	4.7	4.6	4.4	0.000	0.000	0.000	0.000
01:15:00	38.7	48.9	25.3	25.1	5.4	5.6	4.9	4.8	0.000	0.000	0.000	0.000
01:30:00	35.1	35.7	24.9	28.5	5.3	5.1	5.1	4.8	0.000	0.000	0.000	0.000
01:45:00	40.2	41.4	29.4	29.8	5.3	5.4	5.1	4.9	0.000	0.000	0.000	0.000
02:00:00	42.2	40.6	24.8	30.4	5.6	5.4	5.0	4.7	0.000	0.000	0.000	0.000
02:15:00	43.5	41.9	27.8	25.7	5.4	5.1	5.0	4.9	0.000	0.000	0.000	0.000
02:30:00	50.3	49.6	30.6	28.5	5.8	5.3	5.0	5.3	0.000	0.000	0.000	0.000
02:45:00	43.2	51.6	32.7	30.1	5.4	5.4	5.1	5.4	0.000	0.000	0.000	0.000
03:00:00	46.0	48.1	34.7	27.6	5.4	5.3	4.7	5.3	0.000	0.000	0.000	0.000
03:15:00	42.1	55.4	32.0	23.6	5.3	5.6	4.5	5.1	0.000	0.000	0.000	0.000
03:30:00	41.5	43.3	25.4	25.5	5.4	4.9	4.7	4.8	0.000	0.000	0.000	0.000
03:45:00	41.6	42.1	31.7	19.0	5.7	5.0	3.6	5.1	0.000	0.000	0.000	0.000
04:00:00	44.8	50.2	29.6	22.6	5.7	5.7	4.3	4.8	0.000	0.000	0.000	0.000
04:15:00	42.5	30.5	27.8	22.9	5.3	4.9	4.8	4.6	0.000	0.000	0.000	0.000
04:30:00	51.8	22.3	24.2	21.8	6.1	4.4	4.3	4.5	0.000	0.000	0.000	0.000
04:45:00	40.3	28.3	29.3	19.0	5.4	4.8	3.9	4.8	0.000	0.000	0.000	0.000
05:00:00	39.6	41.5	30.6	21.3	5.4	5.4	4.1	5.2	0.000	0.000	0.000	0.000
05:15:00	40.1	41.3	34.5	19.4	5.8	5.7	4.6	5.3	0.000	0.000	0.000	0.000
05:30:00	35.4	44.0	36.9	20.9	7.1	6.3	7.7	5.4	0.000	0.000	0.000	0.000
05:45:00	36.9	37.9	38.8	21.5	7.2	5.9	8.0	6.0	0.000	0.000	0.000	0.000
06:00:00	38.3	33.6	43.0	22.2	7.2	6.3	8.4	6.4	0.000	0.000	0.000	0.000
06:15:00	36.9	33.6	37.3	21.7	7.9	6.9	9.0	7.2	0.000	0.000	0.000	0.000
06:30:00	39.6	40.2	38.6	21.5	7.9	7.4	7.6	8.0	0.000	0.000	0.000	0.000
06:45:00	39.9	37.5	39.3	23.0	7.9	7.6	7.7	7.1	0.000	0.000	0.000	0.000
07:00:00	40.0	43.3	28.7	25.9	9.0	9.2	8.8	6.5	0.000	0.000	0.000	0.000
07:15:00	32.8	32.1	28.9	26.3	11.8	10.8	11.1	6.9	0.000	0.000	0.000	0.000
07:30:00	30.9	30.5	30.9	27.3	13.8	13.3	12.5	7.5	0.000	0.000	0.000	0.000
07:45:00	31.6	30.1	28.2	29.6	14.9	14.2	14.2	10.0	0.000	0.000	0.000	0.000
08:00:00	31.7	29.8	26.9	29.8	15.3	14.5	14.5	13.2	0.000	0.000	0.000	0.000
08:15:00	32.7	30.0	27.2	30.0	15.4	14.5	14.8	13.6	0.000	0.000	0.000	0.000
08:30:00	33.3	30.1	28.0	30.9	15.9	14.7	15.3	14.1	0.000	0.000	0.000	0.000
08:45:00	34.3	29.2	29.3	30.6	16.3	14.6	15.3	14.5	0.000	0.000	0.000	0.000
09:00:00	34.6	30.0	28.8	30.5	16.4	14.9	15.4	14.8	0.000	0.000	0.000	0.000
09:15:00	34.9	30.1	28.6	30.6	16.6	14.8	15.2	14.6	0.000	0.000	0.000	0.000
09:30:00	34.2	30.3	27.7	29.8	16.4	15.0	15.2	14.2	0.000	0.000	0.000	0.000
09:45:00	33.2	29.5	28.1	30.0	16.3	14.9	15.0	14.5	0.000	0.000	0.000	0.000
10:00:00	32.4	28.7	27.5	34.5	15.9	14.7	15.6	14.4	0.000	0.000	0.000	0.002
10:15:00	32.2	27.9	26.1	29.2	15.7	14.3	14.8	13.8	0.000	0.000	0.000	0.008
10:30:00	29.9	26.6	24.5	27.2	14.9	13.6	14.0	13.1	0.000	0.000	0.000	0.013
10:45:00	28.8	26.0	24.3	25.9	14.6	13.5	13.5	12.8	0.000	0.000	0.000	0.019
11:00:00	27.8	25.3	23.4	25.9	14.3	13.3	13.4	12.4	0.014	0.001	0.000	0.025
11:15:00	26.1	23.5	22.8	24.8	13.2	12.3	12.8	12.0	0.030	0.001	0.000	0.031
11:30:00	25.7	23.6	21.8	23.6	13.1	12.2	12.3	11.7	0.040	0.000	0.001	0.033
11:45:00	25.5	22.9	21.4	23.8	13.1	12.0	12.5	11.4	0.033	0.000	0.006	0.032



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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	23.8	21.7	20.7	22.6	12.4	11.4	12.0	11.1	0.032	0.000	0.004	0.032
12:15:00	25.2	23.1	19.8	23.0	13.1	12.1	12.1	10.7	0.021	0.000	0.003	0.031
12:30:00	23.4	22.3	19.9	22.4	12.2	11.5	11.9	10.7	0.018	0.000	0.001	0.019
12:45:00	23.2	20.8	20.5	19.5	11.8	10.8	10.3	11.3	0.010	0.000	0.000	0.019
13:00:00	21.1	20.3	19.3	21.1	11.1	10.5	11.0	10.3	0.000	0.000	0.000	0.006
13:15:00	22.1	21.7	18.9	21.0	11.5	10.8	11.0	10.1	0.000	0.000	0.000	0.000
13:30:00	21.4	22.7	18.7	20.1	10.9	10.5	10.6	10.0	0.000	0.000	0.000	0.000
13:45:00	20.1	18.9	19.1	19.3	10.4	9.9	10.2	10.4	0.000	0.000	0.000	0.000
14:00:00	20.6	18.9	19.3	19.3	10.6	9.9	10.1	10.2	0.000	0.000	0.000	0.000
14:15:00	19.6	18.0	17.4	18.5	10.1	9.3	9.8	9.2	0.000	0.000	0.000	0.000
14:30:00	18.4	17.6	16.0	16.4	9.5	9.1	8.5	8.6	0.000	0.000	0.000	0.000
14:45:00	20.3	18.3	17.3	18.1	10.4	9.4	9.6	9.0	0.000	0.000	0.000	0.000
15:00:00	19.0	17.5	16.9	17.7	9.5	8.9	9.1	8.8	0.000	0.000	0.000	0.000
15:15:00	19.5	17.9	17.9	17.5	9.8	9.0	9.2	9.2	0.000	0.000	0.000	0.000
15:30:00	18.7	17.0	17.5	17.3	9.4	8.5	8.9	8.9	0.000	0.000	0.000	0.000
15:45:00	17.9	15.7	16.4	16.2	8.8	7.9	8.3	8.2	0.000	0.000	0.000	0.000
16:00:00	17.4	16.0	15.9	15.7	8.7	8.1	8.1	7.9	0.000	0.000	0.000	0.000
16:15:00	17.6	16.0	16.5	15.4	8.8	8.0	8.0	8.2	0.000	0.000	0.000	0.000
16:30:00	17.5	16.2	15.9	15.7	8.8	8.2	8.1	8.0	0.000	0.000	0.000	0.000
16:45:00	19.2	16.8	16.9	15.8	9.8	8.5	8.4	8.5	0.000	0.000	0.000	0.000
17:00:00	18.7	17.4	17.8	16.9	9.2	8.6	8.7	8.9	0.000	0.000	0.000	0.000
17:15:00	18.8	17.4	17.2	16.0	9.3	8.5	8.4	8.7	0.000	0.000	0.000	0.000
17:30:00	17.4	16.9	16.9	15.9	8.9	8.3	8.4	8.3	0.000	0.000	0.000	0.000
17:45:00	18.5	17.2	16.7	17.2	9.5	8.4	9.1	8.6	0.000	0.000	0.000	0.000
18:00:00	22.0	19.2	17.6	18.0	10.9	9.9	10.0	9.6	0.000	0.000	0.000	0.000
18:15:00	19.7	19.1	18.4	18.1	10.7	10.0	10.2	10.1	0.000	0.000	0.000	0.004
18:30:00	15.8	19.6	15.5	15.0	7.6	8.7	7.2	7.6	0.000	0.001	0.000	0.001
18:45:00	24.2	21.3	26.5	21.3	11.2	9.8	10.0	11.0	0.014	0.002	0.003	0.003
19:00:00	20.4	15.6	20.2	20.4	9.7	8.7	10.6	10.0	0.020	0.003	0.029	0.003
19:15:00	17.3	15.6	14.0	16.0	7.4	7.8	8.0	6.6	0.001	0.003	0.037	0.000
19:30:00	13.9	13.3	11.8	12.7	6.7	6.7	6.5	5.7	0.000	0.000	0.031	0.000
19:45:00	11.9	12.3	11.0	11.7	6.2	6.2	5.8	5.5	0.000	0.000	0.023	0.000
20:00:00	11.4	11.7	11.3	11.6	5.8	6.2	6.1	5.3	0.000	0.000	0.015	0.000
20:15:00	11.8	12.9	12.1	11.0	5.6	6.7	5.7	5.5	0.000	0.000	0.004	0.000
20:30:00	12.1	12.9	10.9	10.3	5.6	6.3	5.2	5.3	0.000	0.000	0.000	0.000
20:45:00	14.8	16.3	12.6	13.5	5.8	5.5	6.1	4.7	0.000	0.000	0.000	0.000
21:00:00	14.4	15.0	16.9	16.9	5.5	5.4	5.9	5.5	0.000	0.000	0.000	0.000
21:15:00	13.8	16.0	17.5	13.9	5.5	5.4	5.6	5.3	0.000	0.000	0.000	0.000
21:30:00	17.0	23.4	15.5	11.9	5.1	5.6	4.9	4.6	0.000	0.000	0.000	0.000
21:45:00	20.1	30.0	20.3	13.4	5.3	5.5	5.2	5.2	0.000	0.000	0.000	0.000
22:00:00	18.9	24.4	19.4	14.8	5.2	5.1	5.1	5.1	0.000	0.000	0.000	0.000
22:15:00	22.2	28.0	27.3	18.0	5.2	5.2	5.1	5.1	0.000	0.000	0.000	0.000
22:30:00	13.7	14.1	23.0	13.7	4.8	4.5	4.8	5.2	0.000	0.000	0.000	0.000
22:45:00	11.4	11.8	14.5	11.8	4.5	4.6	4.2	4.6	0.000	0.000	0.000	0.000
23:00:00	11.3	17.6	13.4	17.8	4.9	5.2	4.8	4.6	0.000	0.000	0.000	0.000
23:15:00	11.4	14.3	15.3	13.9	4.9	4.6	5.6	6.3	0.000	0.000	0.000	0.000
23:30:00	11.5	11.2	19.1	9.7	4.3	4.2	3.8	5.3	0.000	0.000	0.000	0.000
23:45:00	10.5	12.5	16.0	11.1	4.4	4.4	4.6	5.0	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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