



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-06-17

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.16 to 10.18	2943 SSE	3061 SSW	2996 WNW	2997 NNE	Min : 71.60 Max : 99.32	Min : 51.20 Max : 92.80	Min : 29.90 Max : 30.07

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	27.2	54.2	10.3	16.0	0.005	0.060
2996	24.2	31.7	10.0	14.5	0.003	0.021
2997	30.7	68.7	10.2	16.3	0.004	0.061
3061	28.9	57.8	9.5	13.5	0.000	0.005



Figure 1 : Monitoring Locations

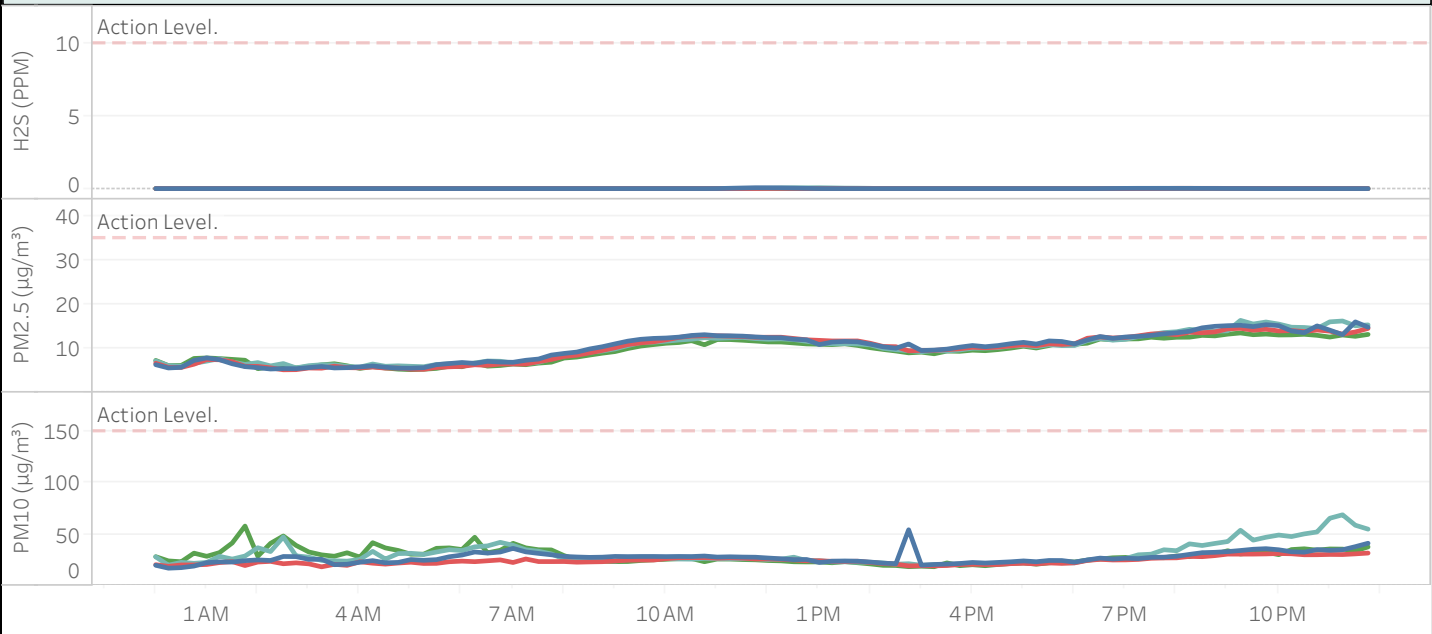


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2996 ■ 2997 ■ 3061



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Wind Rose Chart 2943

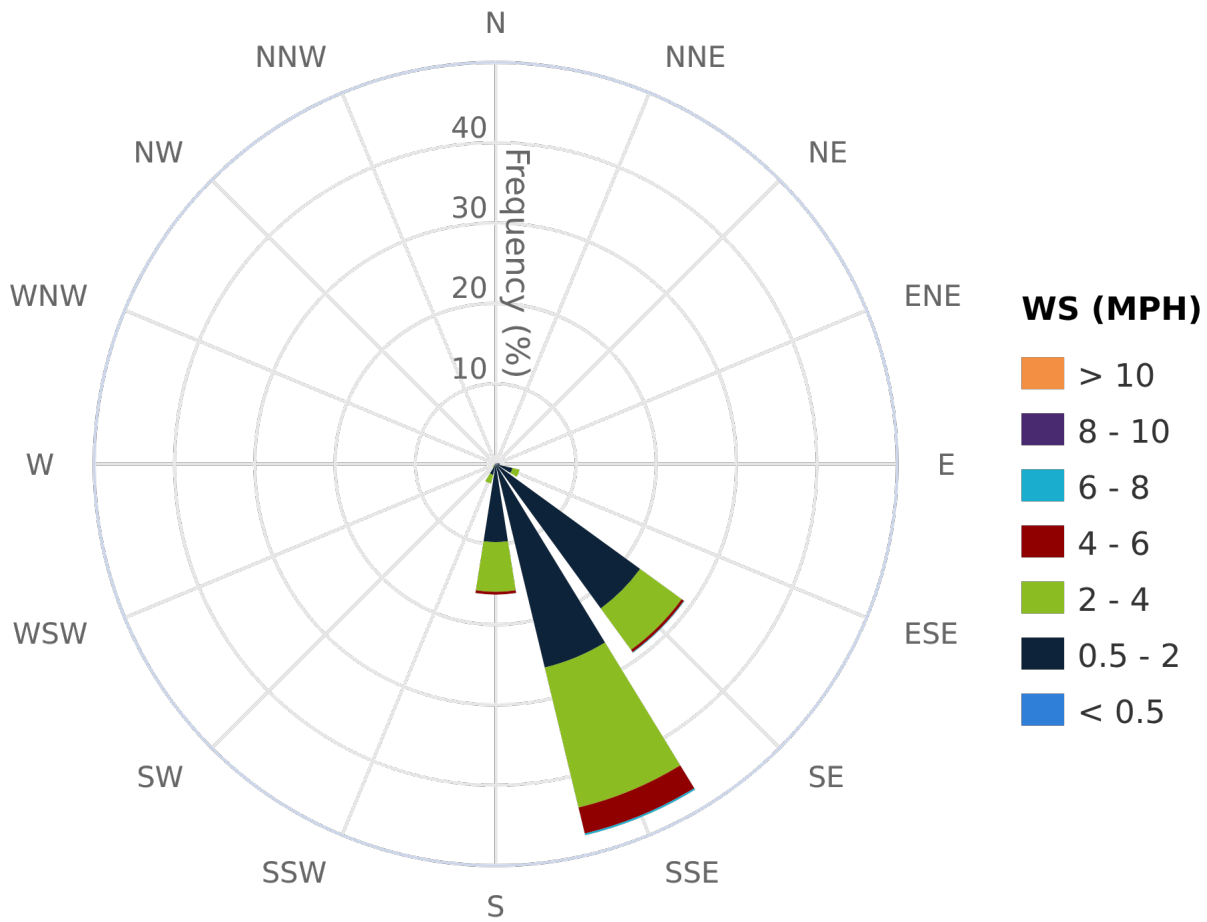


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

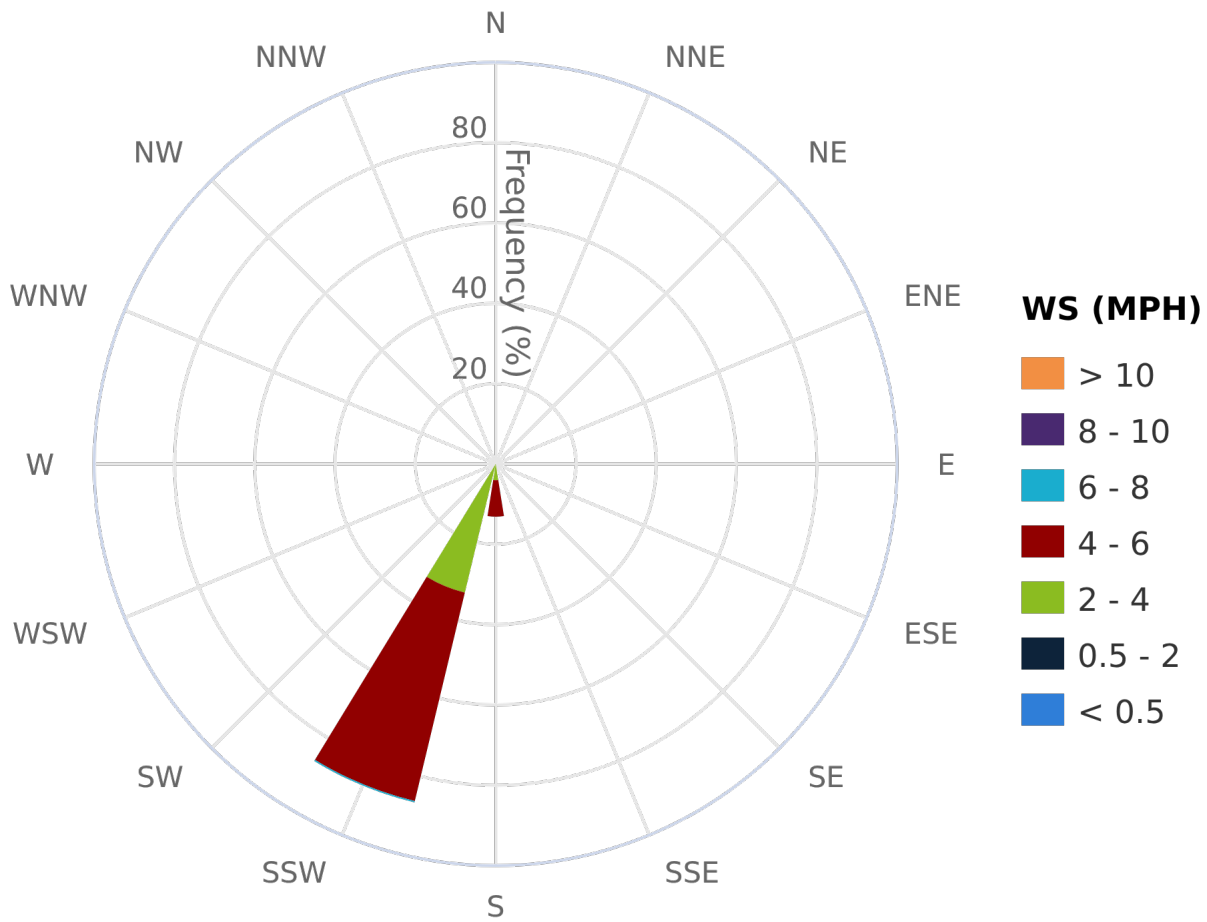


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

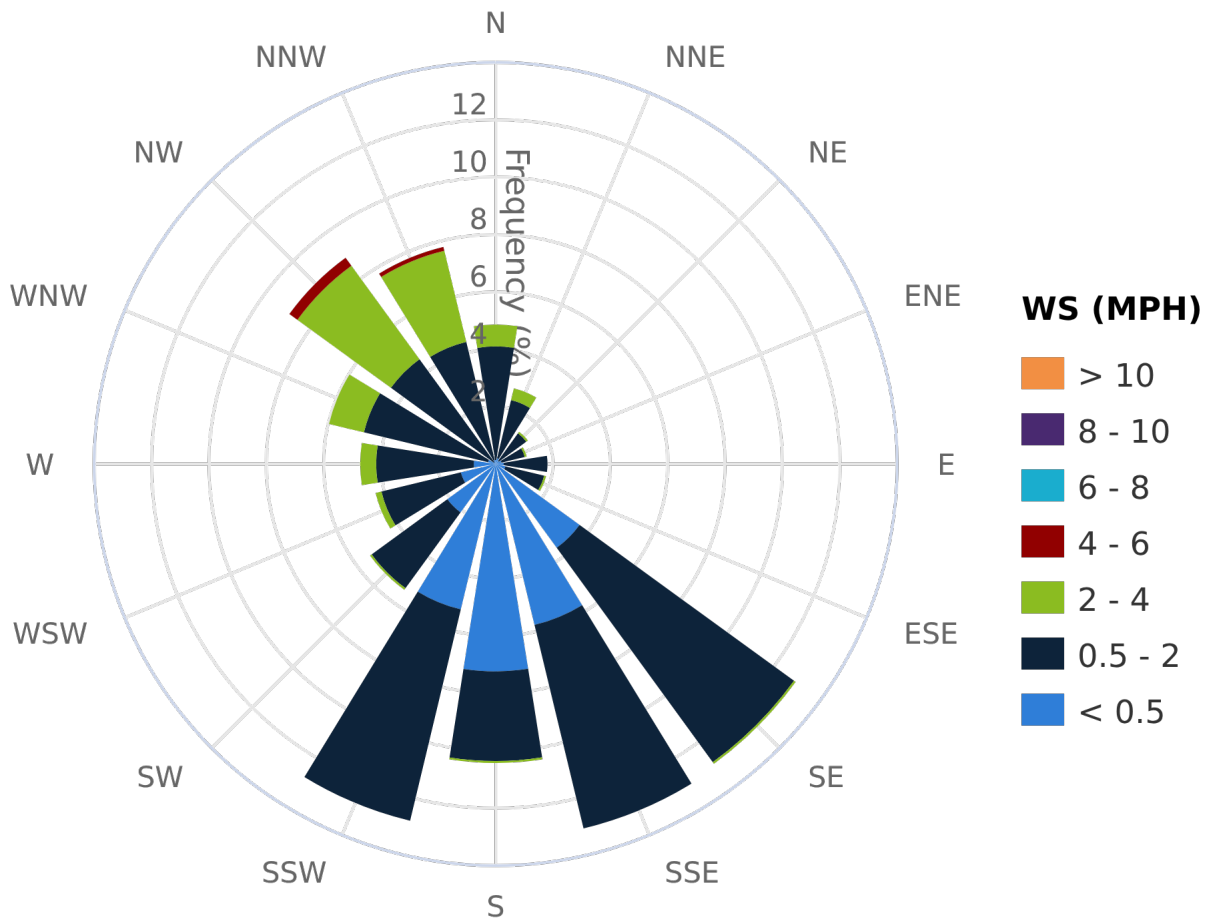


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

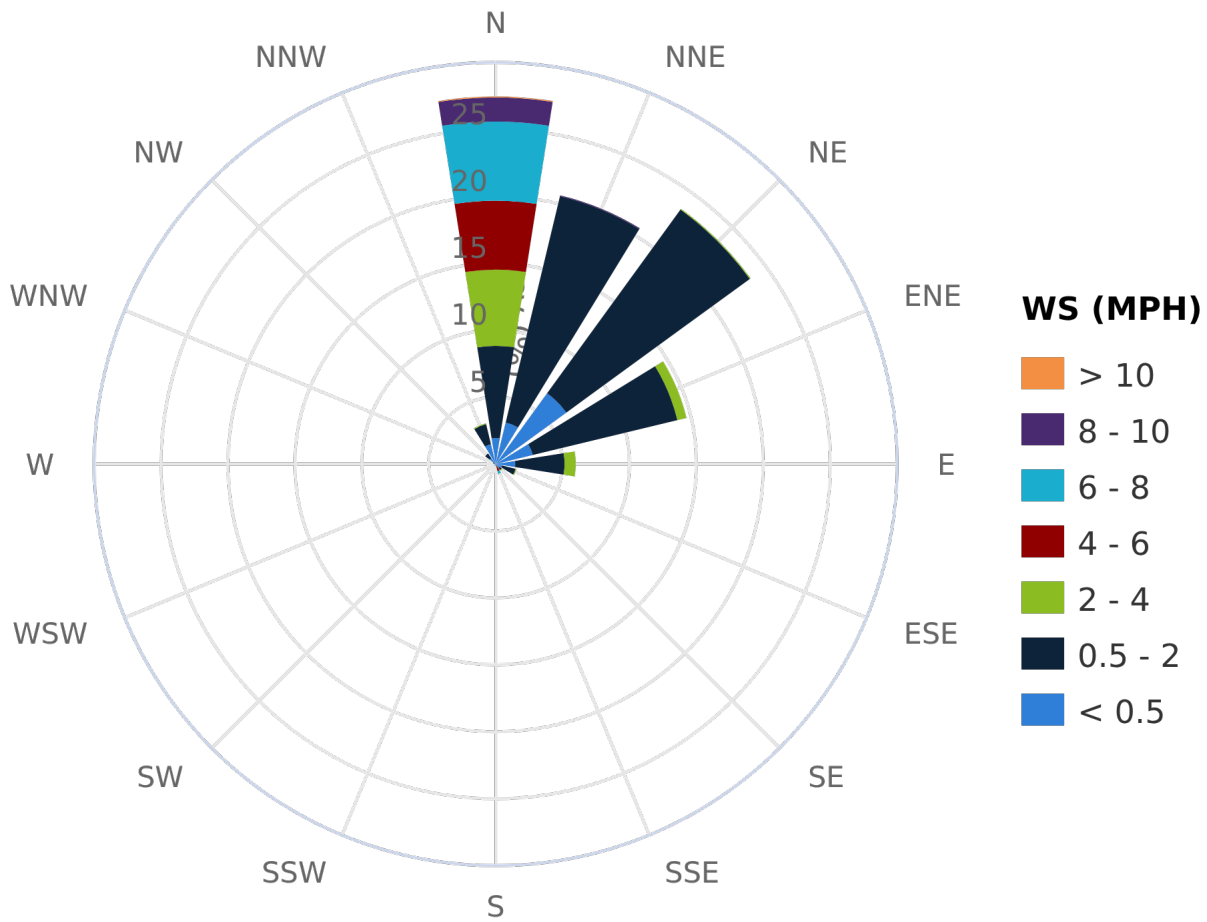


Figure 3 : Wind Rose Chart (WS in MPH)



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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	19.8	28.2	28.0	20.4	6.3	7.3	6.7	7.2	0.000	0.002	0.000	0.000
00:15:00	17.0	24.1	19.9	18.8	5.6	6.1	5.7	6.1	0.000	0.003	0.000	0.000
00:30:00	17.6	23.3	22.6	20.1	5.7	6.2	5.7	6.0	0.000	0.001	0.000	0.000
00:45:00	19.1	31.6	21.8	20.2	7.3	7.7	6.4	6.6	0.000	0.000	0.000	0.000
01:00:00	22.4	28.5	22.6	20.6	7.8	7.8	7.5	7.1	0.000	0.000	0.000	0.000
01:15:00	23.2	32.1	28.5	22.5	7.4	7.7	7.4	7.7	0.000	0.000	0.000	0.000
01:30:00	23.0	41.4	25.8	23.4	6.5	7.5	7.0	6.9	0.000	0.000	0.000	0.000
01:45:00	24.3	57.8	28.8	19.6	5.9	7.3	6.0	6.4	0.000	0.000	0.000	0.000
02:00:00	25.0	28.6	36.8	23.0	5.6	5.4	5.9	6.8	0.000	0.000	0.000	0.000
02:15:00	24.5	41.1	33.1	23.6	5.3	5.9	5.6	6.0	0.000	0.000	0.000	0.000
02:30:00	28.4	48.2	47.3	21.3	5.4	6.1	5.2	6.6	0.000	0.000	0.000	0.000
02:45:00	28.2	39.1	29.0	22.2	5.4	5.6	5.2	5.6	0.000	0.000	0.000	0.000
03:00:00	25.6	32.7	27.7	21.2	5.7	5.9	5.6	6.1	0.000	0.000	0.000	0.000
03:15:00	25.7	29.9	24.6	18.3	5.9	6.3	5.5	6.3	0.000	0.000	0.000	0.000
03:30:00	20.4	28.6	24.2	20.8	5.6	6.5	6.0	6.3	0.000	0.001	0.000	0.000
03:45:00	20.8	32.0	23.8	19.8	5.6	6.1	5.6	5.9	0.000	0.000	0.000	0.000
04:00:00	22.8	27.7	25.5	23.3	5.8	5.5	5.6	5.8	0.000	0.000	0.000	0.000
04:15:00	24.4	41.7	33.3	21.9	6.0	5.9	5.8	6.5	0.000	0.000	0.000	0.000
04:30:00	22.2	36.7	25.9	21.0	5.7	5.6	5.5	6.0	0.000	0.000	0.000	0.000
04:45:00	22.6	34.2	31.2	22.0	5.5	5.3	5.6	6.1	0.000	0.000	0.000	0.000
05:00:00	25.4	30.5	31.4	22.8	5.5	5.2	5.3	6.0	0.000	0.000	0.000	0.000
05:15:00	24.7	30.6	30.3	21.6	5.6	5.3	5.3	5.9	0.000	0.000	0.000	0.000
05:30:00	25.3	36.3	32.7	21.7	6.3	5.5	5.7	6.4	0.000	0.000	0.000	0.000
05:45:00	28.1	36.7	34.9	23.3	6.6	6.0	5.8	6.5	0.000	0.000	0.000	0.000
06:00:00	29.8	35.1	34.1	23.9	6.8	5.9	5.9	6.4	0.000	0.000	0.000	0.000
06:15:00	32.7	47.0	37.7	23.3	6.6	6.7	6.3	6.7	0.000	0.000	0.000	0.000
06:30:00	31.6	31.9	38.6	24.2	7.1	6.0	6.2	7.2	0.000	0.000	0.000	0.000
06:45:00	32.7	34.4	42.1	25.0	6.9	6.1	6.5	7.1	0.000	0.000	0.000	0.000
07:00:00	36.2	41.1	39.2	22.5	6.9	6.5	6.5	6.7	0.000	0.000	0.000	0.000
07:15:00	32.8	36.7	34.9	25.9	7.3	6.3	6.5	6.6	0.000	0.000	0.000	0.000
07:30:00	31.4	34.9	33.5	23.4	7.6	6.7	7.0	6.8	0.000	0.000	0.000	0.000
07:45:00	30.0	34.7	30.9	23.4	8.5	6.9	7.5	7.7	0.000	0.000	0.000	0.000
08:00:00	28.4	29.2	25.8	23.5	8.9	7.8	8.2	8.3	0.000	0.000	0.000	0.000
08:15:00	27.9	25.3	25.9	22.8	9.2	8.0	8.5	8.8	0.000	0.000	0.000	0.000
08:30:00	27.5	23.6	25.6	23.1	9.9	8.5	9.0	9.1	0.000	0.000	0.000	0.000
08:45:00	27.7	23.8	24.8	23.3	10.4	8.9	9.5	9.4	0.000	0.000	0.000	0.000
09:00:00	28.4	23.3	23.9	24.1	11.0	9.3	10.2	9.9	0.000	0.000	0.000	0.000
09:15:00	28.3	23.5	25.7	24.7	11.6	10.0	10.9	10.6	0.000	0.000	0.000	0.000
09:30:00	28.4	24.5	26.6	24.9	12.1	10.5	11.2	11.3	0.000	0.000	0.000	0.000
09:45:00	28.4	25.1	25.9	24.9	12.3	10.9	11.5	11.4	0.000	0.000	0.000	0.000
10:00:00	28.3	25.6	26.4	26.2	12.3	11.2	11.9	11.6	0.000	0.000	0.000	0.000
10:15:00	28.4	26.3	25.9	27.2	12.5	11.3	12.5	11.9	0.000	0.000	0.000	0.000
10:30:00	28.3	26.4	25.8	27.3	12.9	11.7	12.8	12.1	0.000	0.000	0.000	0.000
10:45:00	28.8	23.3	26.5	27.2	13.1	10.8	12.8	12.4	0.000	0.000	0.000	0.000
11:00:00	27.8	25.9	26.1	26.7	12.9	12.0	12.8	12.3	0.004	0.000	0.000	0.000
11:15:00	28.1	25.9	26.2	27.1	12.8	12.0	12.8	12.4	0.024	0.000	0.000	0.001
11:30:00	27.8	25.4	26.2	26.7	12.8	11.8	12.7	12.5	0.043	0.000	0.000	0.004
11:45:00	27.7	25.1	26.1	26.0	12.6	11.7	12.5	12.2	0.060	0.001	0.004	0.007



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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	26.9	24.4	25.4	26.0	12.4	11.5	12.5	12.1	0.059	0.000	0.011	0.017
12:15:00	26.2	24.1	25.7	25.7	12.4	11.4	12.5	12.1	0.051	0.000	0.012	0.042
12:30:00	25.3	23.2	27.7	25.0	12.1	11.2	12.2	12.0	0.034	0.000	0.009	0.056
12:45:00	25.5	23.1	24.4	24.2	11.9	11.0	11.9	11.6	0.018	0.000	0.004	0.057
13:00:00	22.5	23.1	24.4	24.2	10.9	10.9	11.8	11.2	0.002	0.000	0.000	0.061
13:15:00	23.8	22.3	23.1	23.7	11.4	10.9	11.7	11.0	0.000	0.000	0.000	0.049
13:30:00	24.0	23.3	23.2	23.6	11.6	11.0	11.7	11.1	0.000	0.000	0.000	0.034
13:45:00	23.8	22.3	22.8	23.8	11.5	10.7	11.7	11.0	0.000	0.000	0.000	0.030
14:00:00	23.0	21.1	22.7	22.6	11.0	10.2	11.2	10.8	0.000	0.000	0.000	0.020
14:15:00	21.9	19.8	22.1	21.5	10.4	9.8	10.4	10.0	0.000	0.000	0.000	0.001
14:30:00	21.4	19.6	20.9	20.9	10.0	9.4	10.4	9.7	0.000	0.000	0.000	0.000
14:45:00	54.2	18.5	21.4	19.2	11.0	9.0	9.5	9.5	0.000	0.000	0.000	0.000
15:00:00	19.9	19.0	19.9	19.5	9.5	9.1	9.5	9.2	0.000	0.000	0.000	0.000
15:15:00	20.6	18.5	20.4	19.3	9.6	8.8	9.5	9.5	0.000	0.000	0.000	0.000
15:30:00	21.0	22.2	20.2	19.6	9.8	9.4	9.7	9.4	0.000	0.000	0.000	0.000
15:45:00	21.6	19.4	21.2	20.5	10.3	9.3	9.9	9.6	0.000	0.000	0.000	0.000
16:00:00	22.6	20.4	21.5	20.8	10.7	9.6	10.3	10.0	0.000	0.000	0.000	0.000
16:15:00	22.0	19.4	21.4	20.5	10.4	9.5	10.1	10.1	0.000	0.000	0.000	0.000
16:30:00	22.6	20.6	21.6	20.6	10.6	9.7	10.3	10.2	0.000	0.000	0.000	0.000
16:45:00	23.2	21.5	22.3	21.4	11.1	10.1	10.6	10.6	0.000	0.000	0.000	0.000
17:00:00	24.1	22.2	22.2	21.8	11.4	10.5	10.8	10.7	0.000	0.000	0.000	0.000
17:15:00	23.3	20.9	22.1	21.2	11.0	10.1	10.6	10.4	0.000	0.000	0.000	0.001
17:30:00	24.5	22.2	22.7	22.1	11.7	10.6	11.0	10.8	0.000	0.000	0.000	0.003
17:45:00	24.5	23.5	22.2	21.7	11.6	11.3	10.9	10.6	0.000	0.000	0.000	0.000
18:00:00	22.9	23.0	22.2	22.2	11.0	10.9	11.0	10.7	0.000	0.000	0.000	0.002
18:15:00	25.0	24.8	24.9	24.5	11.9	11.2	12.3	11.8	0.000	0.000	0.000	0.004
18:30:00	26.8	25.9	26.1	25.6	12.7	12.1	12.6	12.2	0.005	0.002	0.000	0.003
18:45:00	25.9	27.1	25.5	25.0	12.3	12.0	12.4	11.9	0.010	0.003	0.000	0.002
19:00:00	26.6	27.5	26.4	25.1	12.6	12.1	12.5	12.1	0.016	0.003	0.000	0.002
19:15:00	26.3	26.2	30.0	25.5	12.7	12.2	12.8	12.7	0.019	0.004	0.008	0.000
19:30:00	27.5	27.5	30.6	26.6	12.9	12.5	13.2	13.1	0.019	0.005	0.009	0.000
19:45:00	27.7	27.1	34.9	27.0	13.3	12.3	13.3	13.6	0.020	0.004	0.014	0.000
20:00:00	28.6	28.9	33.9	27.1	13.5	12.5	13.1	13.8	0.019	0.004	0.020	0.000
20:15:00	30.4	28.1	40.6	28.4	13.9	12.5	13.6	14.3	0.018	0.004	0.021	0.000
20:30:00	32.0	31.6	39.0	28.2	14.6	12.9	13.5	14.1	0.014	0.003	0.018	0.000
20:45:00	32.4	30.6	41.0	29.2	15.0	12.8	13.7	13.9	0.012	0.002	0.019	0.000
21:00:00	33.1	33.9	42.8	30.7	15.1	13.2	14.4	14.0	0.008	0.002	0.015	0.000
21:15:00	34.2	30.8	53.8	30.6	15.2	13.5	14.5	16.3	0.006	0.001	0.013	0.000
21:30:00	35.4	32.2	44.2	30.7	14.9	13.1	14.1	15.5	0.004	0.001	0.011	0.000
21:45:00	35.9	32.5	47.0	30.8	15.4	13.2	14.3	16.0	0.000	0.000	0.008	0.000
22:00:00	34.9	30.1	49.1	31.2	15.1	13.0	13.9	15.5	0.000	0.000	0.007	0.000
22:15:00	33.0	35.1	47.7	31.0	13.9	13.1	14.0	14.8	0.000	0.000	0.006	0.000
22:30:00	32.6	35.8	50.2	30.0	13.5	13.2	13.8	14.7	0.000	0.000	0.010	0.000
22:45:00	35.0	34.5	52.1	30.1	15.1	13.0	14.1	14.5	0.000	0.000	0.017	0.000
23:00:00	34.3	35.6	65.4	30.3	14.1	12.6	13.9	16.0	0.000	0.000	0.004	0.000
23:15:00	34.9	35.5	68.7	30.2	13.1	13.0	13.2	16.2	0.000	0.000	0.000	0.000
23:30:00	37.9	33.8	58.6	30.9	16.0	12.7	13.7	15.1	0.000	0.000	0.001	0.000
23:45:00	41.2	37.6	54.8	31.7	14.8	13.2	14.5	15.3	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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