



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-04-08

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.34 to 14.56	2943 E	3061 N	2996 SE	2997 N	Min : 58.28 Max : 75.02	Min : 61.40 Max : 88.50	Min : 30.03 Max : 30.27

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	31.7	59.7	16.5	25.5	0.004	0.022
2996	34.4	113.9	16.1	28.8	0.000	0.000
2997	27.6	46.3	15.2	23.4	0.006	0.026
3061	28.7	46.8	15.7	23.8	0.000	0.003



Figure 1 : Monitoring Locations

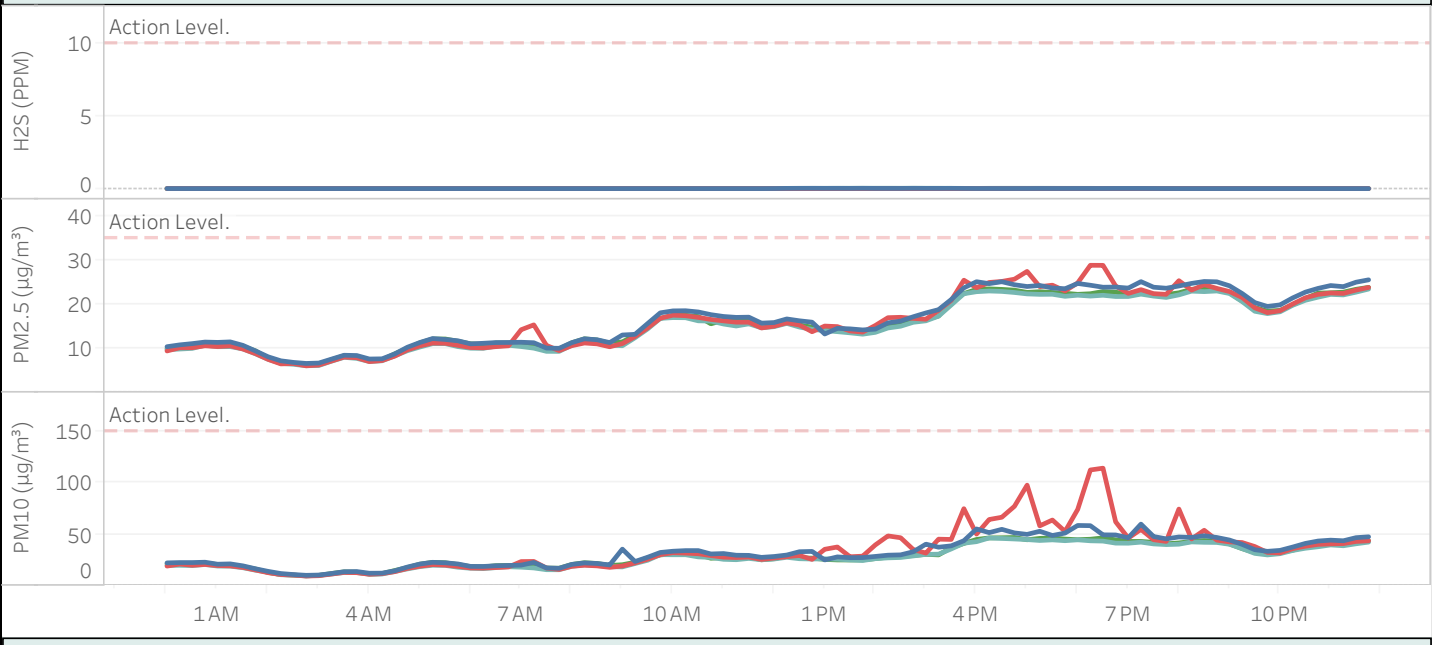


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2996 ■ 2997 ■ 3061



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Wind Rose Chart 2943

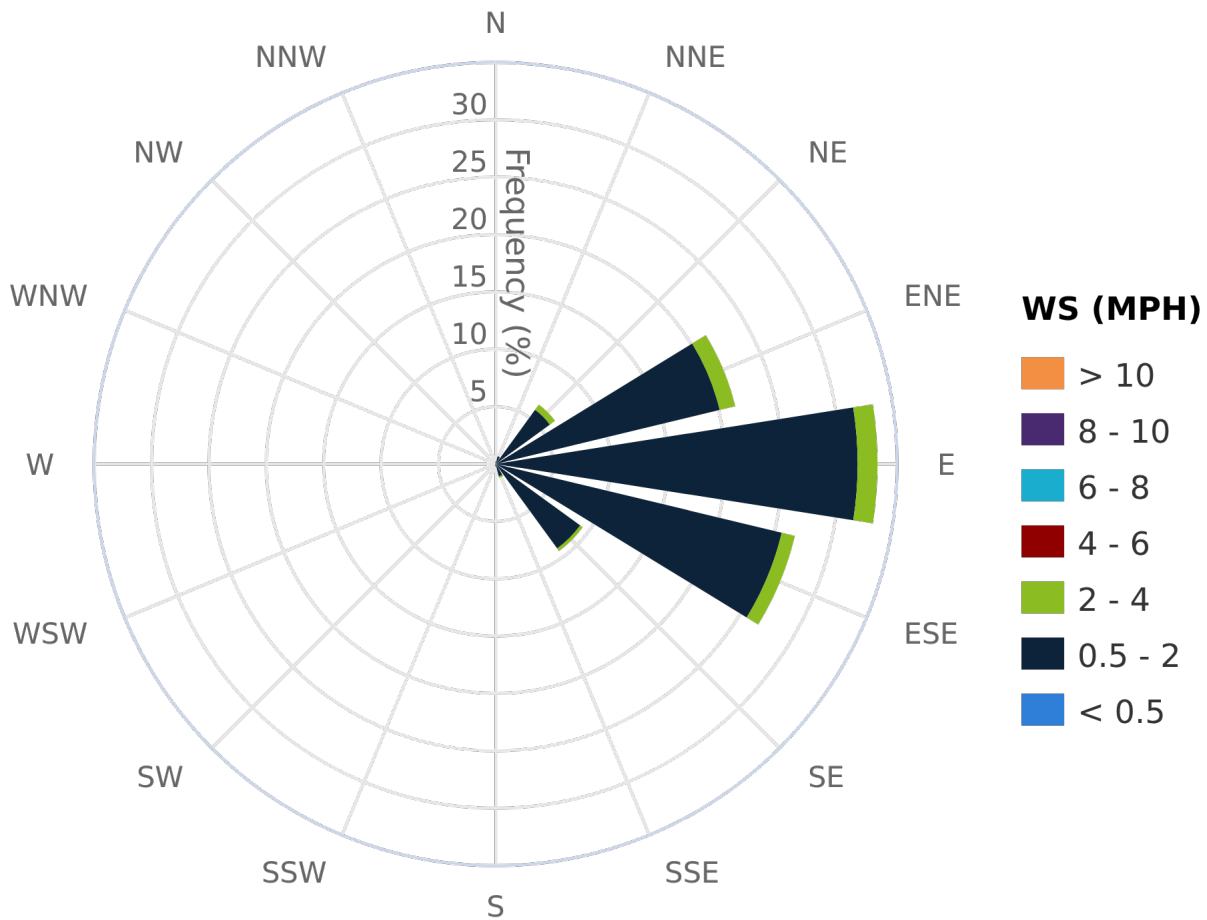


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

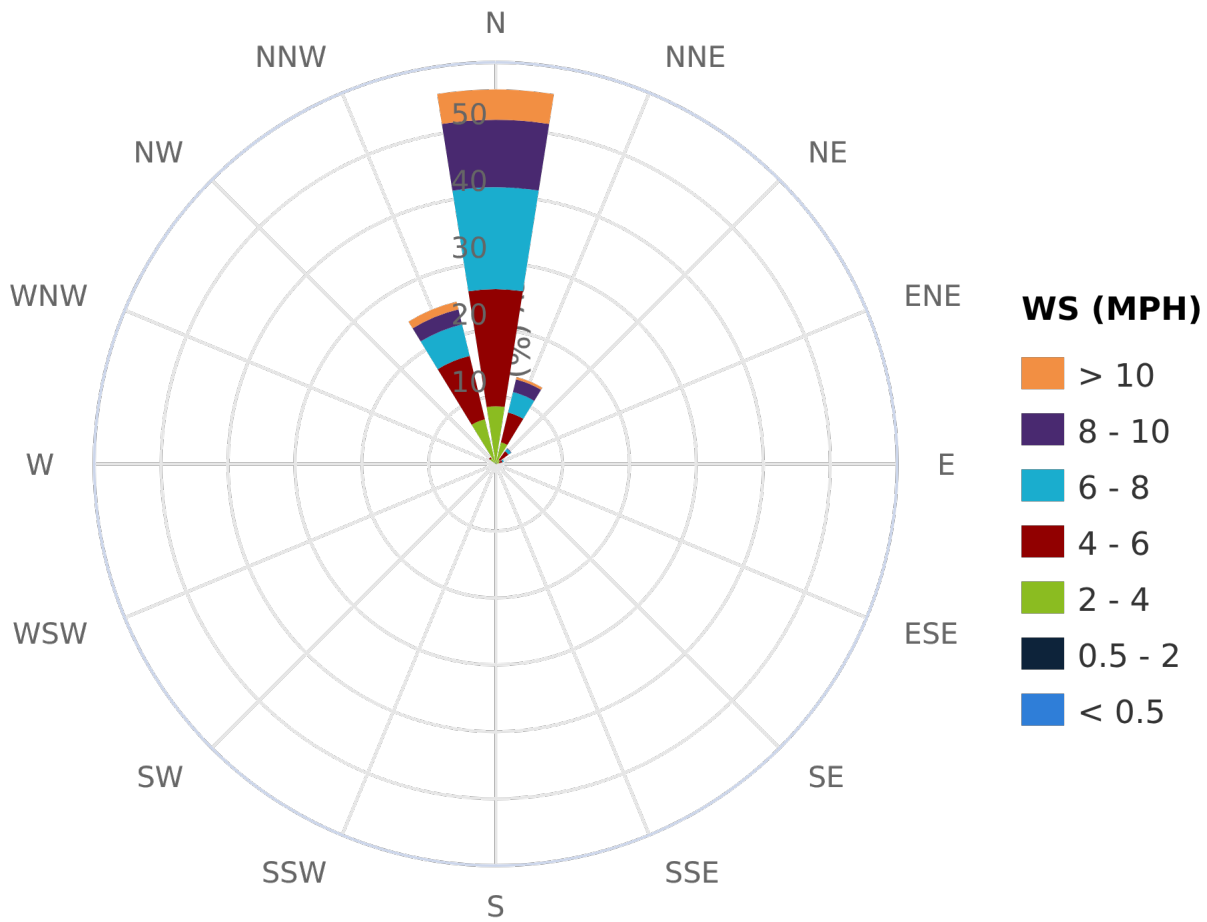


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

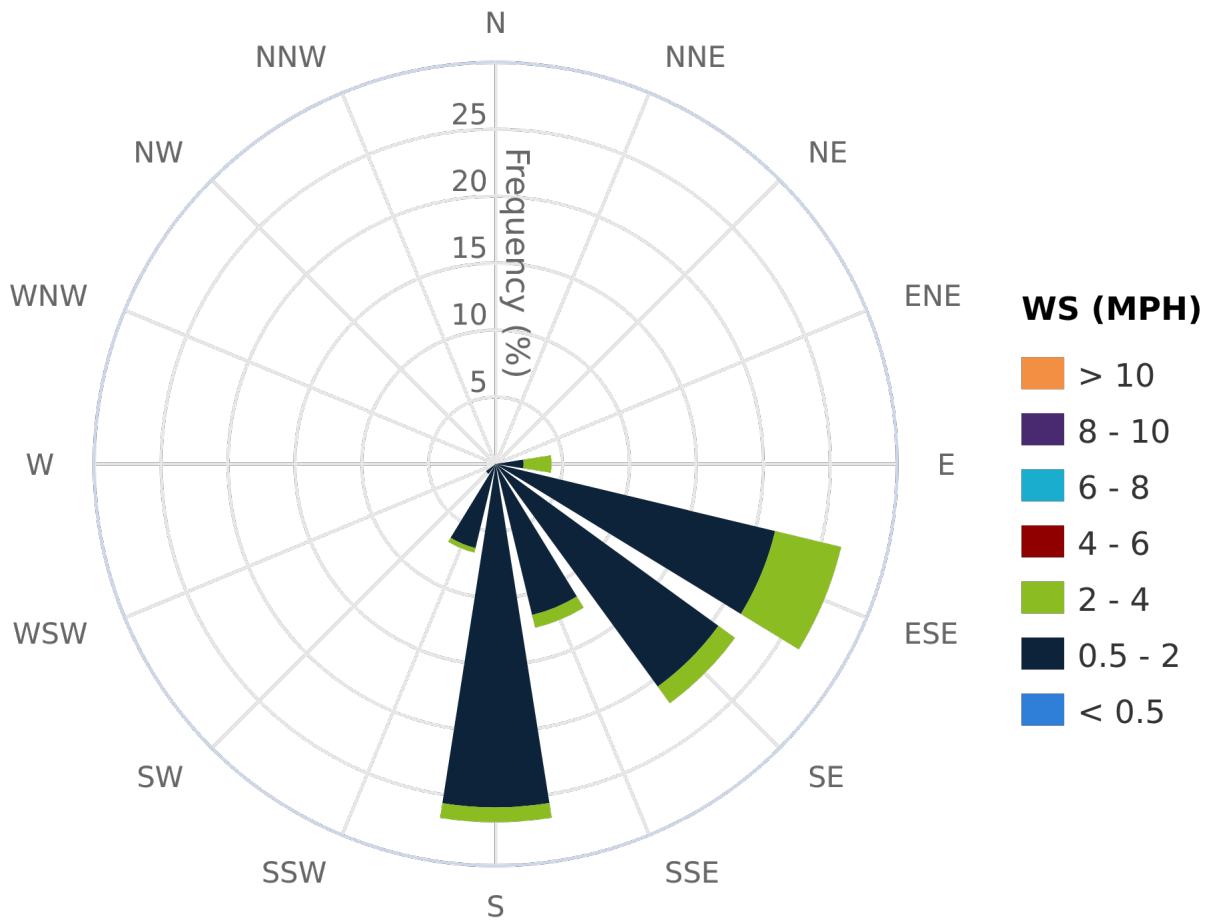


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

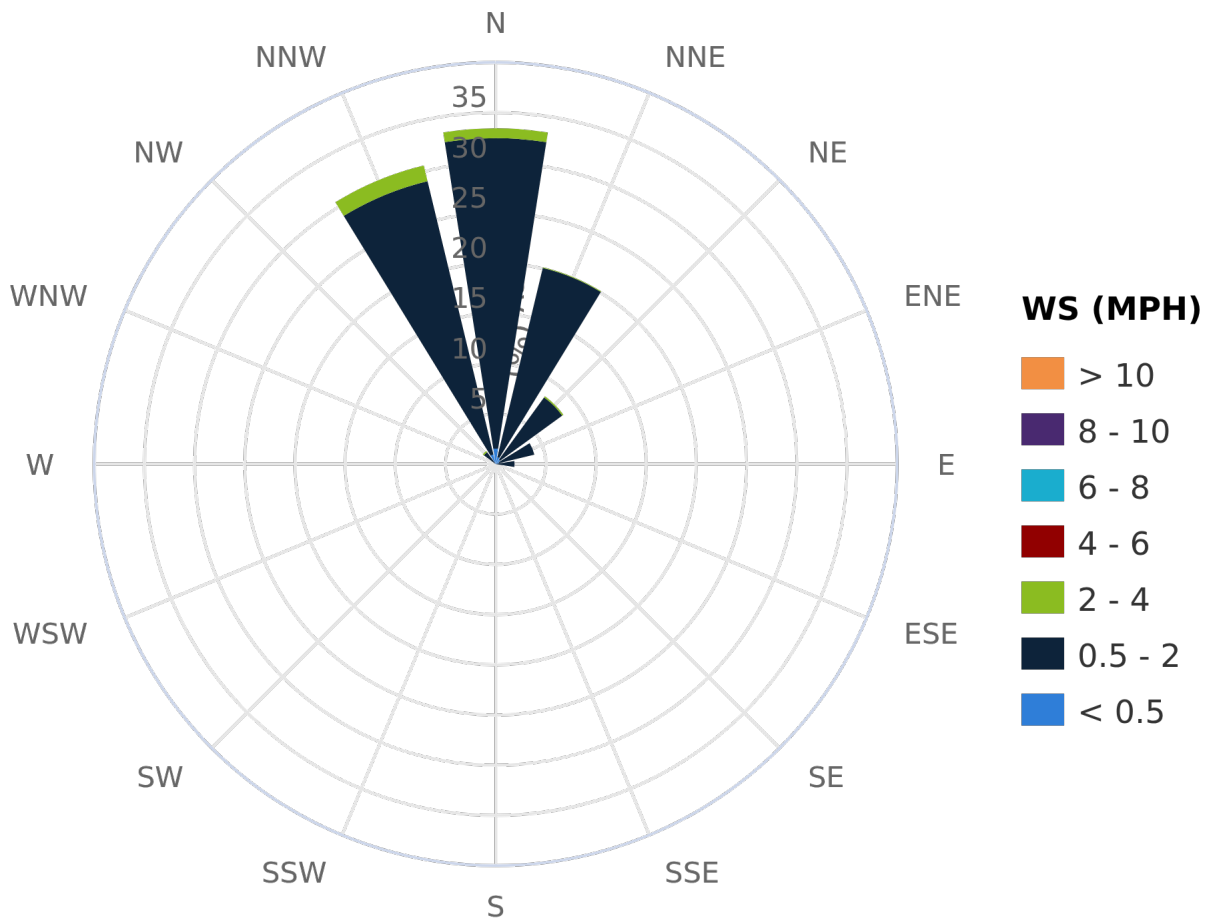


Figure 3 : Wind Rose Chart (WS in MPH)



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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	22.2	21.3	19.7	19.1	10.4	10.0	9.4	9.7	0.001	0.001	0.000	0.002
00:15:00	22.5	21.6	19.8	21.0	10.8	10.5	10.1	9.9	0.001	0.000	0.000	0.003
00:30:00	22.5	21.4	19.5	19.9	11.1	10.7	10.2	10.0	0.000	0.000	0.000	0.000
00:45:00	22.8	21.9	20.6	20.6	11.4	11.1	10.6	10.7	0.000	0.000	0.000	0.000
01:00:00	20.9	20.5	19.1	19.6	11.4	11.1	10.4	10.4	0.000	0.000	0.000	0.000
01:15:00	21.2	20.0	19.0	19.3	11.5	11.1	10.6	10.4	0.000	0.000	0.000	0.000
01:30:00	19.3	18.4	17.5	17.8	10.7	10.5	9.9	9.9	0.000	0.000	0.000	0.000
01:45:00	16.5	16.2	15.1	15.3	9.4	9.4	8.8	8.8	0.000	0.000	0.000	0.000
02:00:00	13.9	12.9	13.2	12.6	8.1	7.7	7.5	7.5	0.000	0.000	0.000	0.000
02:15:00	11.9	10.9	10.7	10.8	7.2	6.7	6.5	6.6	0.000	0.000	0.000	0.000
02:30:00	10.9	10.3	10.4	10.3	6.8	6.6	6.6	6.4	0.000	0.000	0.000	0.000
02:45:00	10.1	9.7	9.5	9.4	6.6	6.4	6.1	6.1	0.000	0.000	0.000	0.000
03:00:00	10.4	10.0	10.2	9.7	6.7	6.4	6.2	6.1	0.000	0.000	0.000	0.000
03:15:00	11.8	11.9	11.4	11.3	7.6	7.4	7.1	7.1	0.000	0.000	0.000	0.000
03:30:00	13.6	13.5	12.8	12.9	8.5	8.3	8.0	8.0	0.000	0.000	0.000	0.000
03:45:00	13.8	13.1	12.7	12.7	8.4	8.1	7.9	7.7	0.000	0.000	0.000	0.000
04:00:00	12.2	11.4	11.2	11.1	7.6	7.3	7.0	7.0	0.000	0.000	0.000	0.000
04:15:00	12.2	11.8	11.4	11.7	7.6	7.4	7.3	7.2	0.000	0.000	0.000	0.000
04:30:00	14.4	14.8	13.8	13.6	8.7	8.8	8.2	8.3	0.000	0.000	0.000	0.000
04:45:00	18.1	17.6	16.3	16.8	10.3	10.0	9.7	9.5	0.000	0.000	0.000	0.000
05:00:00	21.1	20.9	18.5	19.0	11.3	11.3	10.6	10.3	0.000	0.000	0.000	0.000
05:15:00	22.7	22.7	19.9	20.5	12.2	12.1	11.2	11.1	0.000	0.000	0.000	0.000
05:30:00	22.3	22.3	19.7	20.0	12.0	12.1	11.2	11.1	0.000	0.000	0.000	0.000
05:45:00	21.1	20.5	17.9	18.8	11.7	11.6	10.7	10.4	0.000	0.000	0.000	0.000
06:00:00	18.8	18.6	17.0	17.2	11.0	11.0	10.2	10.0	0.000	0.000	0.000	0.000
06:15:00	18.7	18.2	16.6	17.1	11.2	10.9	10.1	10.0	0.000	0.000	0.000	0.000
06:30:00	19.4	19.5	17.6	17.7	11.3	11.2	10.4	10.5	0.000	0.000	0.000	0.000
06:45:00	19.7	19.7	18.4	18.2	11.3	11.2	10.6	10.7	0.000	0.000	0.000	0.000
07:00:00	20.0	19.0	18.0	23.4	11.4	10.9	14.2	10.4	0.000	0.000	0.000	0.000
07:15:00	22.6	18.7	17.2	23.6	11.3	10.6	15.3	10.1	0.000	0.000	0.000	0.000
07:30:00	17.3	17.2	15.6	17.2	10.1	10.1	10.7	9.3	0.000	0.000	0.000	0.000
07:45:00	16.9	17.0	15.5	15.8	10.0	9.9	9.5	9.3	0.000	0.000	0.000	0.000
08:00:00	20.7	20.7	18.9	18.8	11.3	11.3	10.6	10.7	0.000	0.000	0.000	0.000
08:15:00	22.1	22.3	20.2	19.9	12.2	12.2	11.2	11.5	0.000	0.000	0.000	0.000
08:30:00	21.6	21.6	19.6	19.3	12.0	11.9	11.0	11.2	0.000	0.000	0.000	0.000
08:45:00	20.2	19.7	18.5	17.8	11.3	11.1	10.4	10.7	0.000	0.000	0.000	0.000
09:00:00	35.5	20.4	18.3	19.1	13.0	11.5	11.1	10.6	0.000	0.000	0.000	0.000
09:15:00	23.5	22.7	21.5	22.1	13.2	13.0	12.7	12.4	0.000	0.000	0.000	0.000
09:30:00	27.6	27.0	24.7	25.7	15.6	15.2	14.6	14.4	0.000	0.000	0.000	0.000
09:45:00	32.2	29.8	30.1	30.1	18.0	16.8	16.8	16.8	0.000	0.000	0.000	0.000
10:00:00	33.5	31.0	30.0	32.1	18.5	17.4	17.5	17.0	0.000	0.000	0.000	0.000
10:15:00	34.1	31.2	30.0	31.6	18.5	17.5	17.4	16.9	0.000	0.000	0.000	0.000
10:30:00	34.1	30.2	28.0	31.0	18.2	17.2	17.0	16.2	0.000	0.000	0.000	0.000
10:45:00	30.8	26.6	27.4	29.2	17.6	15.6	16.5	16.2	0.000	0.000	0.000	0.000
11:00:00	31.2	27.3	25.6	27.7	17.2	16.3	16.2	15.5	0.000	0.000	0.000	0.000
11:15:00	29.6	27.6	25.2	27.3	17.0	16.2	15.9	15.1	0.000	0.000	0.000	0.000
11:30:00	29.4	27.7	26.5	27.8	17.1	16.1	15.9	15.5	0.000	0.000	0.000	0.000
11:45:00	27.5	25.1	25.2	25.5	15.7	14.8	14.6	14.7	0.000	0.000	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	28.3	26.2	25.9	26.8	15.8	15.0	15.0	14.9	0.005	0.000	0.000	0.001
12:15:00	29.8	28.7	27.6	28.2	16.7	16.0	15.8	15.6	0.016	0.001	0.000	0.010
12:30:00	33.0	27.0	26.2	29.3	16.2	15.3	15.3	14.8	0.021	0.000	0.000	0.012
12:45:00	33.3	26.8	25.9	25.5	15.9	14.8	13.8	14.3	0.022	0.001	0.000	0.017
13:00:00	25.0	25.5	26.1	35.3	13.2	14.2	15.0	14.0	0.018	0.001	0.000	0.019
13:15:00	28.0	25.0	25.7	37.6	14.5	13.9	14.9	13.8	0.019	0.002	0.000	0.022
13:30:00	27.2	25.0	25.0	28.1	14.4	13.9	13.9	13.5	0.016	0.002	0.000	0.024
13:45:00	27.3	25.1	24.5	28.7	14.2	13.5	13.7	13.2	0.021	0.003	0.000	0.025
14:00:00	28.4	26.3	26.2	39.6	14.4	14.1	15.2	13.6	0.015	0.002	0.000	0.026
14:15:00	29.6	27.7	27.0	48.3	15.8	15.2	16.9	14.6	0.014	0.002	0.000	0.026
14:30:00	29.9	28.2	27.4	46.5	16.2	15.7	17.0	15.0	0.014	0.002	0.000	0.023
14:45:00	32.9	29.3	28.9	35.1	17.1	16.6	16.8	15.9	0.020	0.001	0.000	0.026
15:00:00	40.3	30.4	30.4	31.6	18.0	16.6	16.6	16.2	0.016	0.002	0.000	0.024
15:15:00	37.3	29.9	30.6	45.1	18.8	17.3	18.6	17.3	0.015	0.001	0.000	0.024
15:30:00	38.7	36.8	35.6	44.9	21.0	20.6	20.8	19.8	0.018	0.001	0.000	0.021
15:45:00	43.6	41.0	41.2	74.7	23.7	22.4	25.4	22.4	0.012	0.001	0.000	0.016
16:00:00	55.0	44.9	42.7	50.0	25.1	23.3	23.7	22.8	0.007	0.001	0.000	0.015
16:15:00	51.5	46.3	46.3	64.2	24.6	23.4	24.9	23.0	0.008	0.002	0.000	0.021
16:30:00	54.7	46.5	45.8	66.4	25.1	23.3	25.1	22.9	0.006	0.002	0.000	0.022
16:45:00	51.2	46.8	45.3	77.0	24.4	23.2	25.6	22.6	0.006	0.002	0.000	0.022
17:00:00	49.8	44.5	44.7	97.4	24.0	22.7	27.4	22.3	0.007	0.001	0.000	0.021
17:15:00	52.8	45.9	43.9	58.0	24.2	22.8	23.9	22.2	0.010	0.002	0.000	0.021
17:30:00	48.7	46.3	44.5	63.7	23.6	22.6	24.3	22.2	0.008	0.002	0.000	0.021
17:45:00	51.0	45.2	43.6	52.6	23.5	22.5	23.0	21.8	0.008	0.002	0.000	0.019
18:00:00	58.4	44.6	44.5	74.0	24.7	22.2	24.8	22.0	0.009	0.001	0.000	0.019
18:15:00	58.2	45.1	43.5	112.1	24.3	22.4	28.8	21.8	0.009	0.001	0.000	0.018
18:30:00	49.3	46.4	43.3	113.9	23.8	22.8	28.8	22.0	0.008	0.001	0.000	0.015
18:45:00	49.2	44.5	41.3	61.9	23.9	22.7	24.1	21.7	0.011	0.001	0.000	0.013
19:00:00	46.4	42.9	41.2	46.2	23.6	22.2	22.4	21.7	0.011	0.001	0.000	0.013
19:15:00	59.7	43.0	42.2	54.6	25.1	22.5	23.3	22.3	0.010	0.001	0.000	0.011
19:30:00	47.7	42.0	40.5	44.6	23.8	22.2	22.4	21.8	0.007	0.001	0.000	0.008
19:45:00	45.4	40.6	39.9	42.9	23.6	22.2	22.2	21.5	0.003	0.001	0.000	0.007
20:00:00	47.2	41.5	40.3	74.3	24.1	22.6	25.3	22.1	0.001	0.000	0.000	0.005
20:15:00	46.8	42.9	42.5	45.3	24.7	23.4	23.2	22.9	0.000	0.000	0.000	0.005
20:30:00	48.4	43.8	42.1	53.8	25.1	23.6	24.4	22.8	0.000	0.000	0.000	0.003
20:45:00	46.8	43.0	41.9	44.2	25.0	23.4	23.6	23.0	0.000	0.000	0.000	0.000
21:00:00	44.3	40.5	40.2	42.5	24.1	22.6	22.8	22.4	0.000	0.000	0.000	0.000
21:15:00	40.1	35.9	36.0	41.9	22.4	20.7	21.5	20.6	0.000	0.000	0.000	0.000
21:30:00	34.9	32.2	31.3	38.0	20.4	19.3	19.2	18.4	0.000	0.000	0.000	0.000
21:45:00	33.4	30.7	29.9	32.3	19.5	18.4	18.1	17.9	0.000	0.000	0.000	0.000
22:00:00	34.3	32.3	31.1	31.8	19.8	18.6	18.5	18.3	0.000	0.000	0.000	0.000
22:15:00	37.5	34.4	34.2	36.0	21.4	19.9	20.0	19.7	0.000	0.000	0.000	0.000
22:30:00	41.0	37.7	36.3	38.3	22.7	21.3	21.4	20.9	0.000	0.000	0.000	0.000
22:45:00	43.3	40.0	37.8	40.1	23.6	22.5	22.2	21.6	0.000	0.000	0.000	0.000
23:00:00	44.2	40.2	39.5	40.6	24.2	22.6	22.5	22.2	0.000	0.000	0.000	0.000
23:15:00	43.6	40.9	38.8	40.9	23.9	22.7	22.4	22.1	0.000	0.000	0.000	0.000
23:30:00	46.6	42.6	40.6	42.9	25.0	23.4	23.2	22.7	0.000	0.000	0.000	0.000
23:45:00	47.4	43.6	42.3	43.6	25.5	23.8	23.8	23.4	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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