



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-10-24

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.1790 Max : 632.8	2943 ESE	2693 WNW	2996 SE	2997 NNW	Min : 39.74 Max : 1,870	Min : 27.10 Max : 89.70	Min : 0.1595 Max : 30.32

Table 2 : Monitoring Summary

Site Action Level :	PM10 : 150 µg/m³		PM2.5 : 35 µg/m³		H2S : 10 PPM	
AQ-SN	Avg. PM10 Daily (µg/m³)	Max. PM10-15-min Avg (µg/m³)	Avg. PM2.5 Daily (µg/m³)	Max. PM2.5-15-min Avg (µg/m³)	Avg. H2S Daily (PPM)	Max. H2S-15-min Avg (PPM)
2693	7.8	38.2	5.3	29.8	0.000	0.003
2943	13.1	113.9	4.7	15.8	-0.090	0.025
2996	9.0	14.7	4.1	8.8	0.003	0.027
2997	9.9	14.6	4.5	8.5	0.002	0.055



Figure 1 : Monitoring Locations

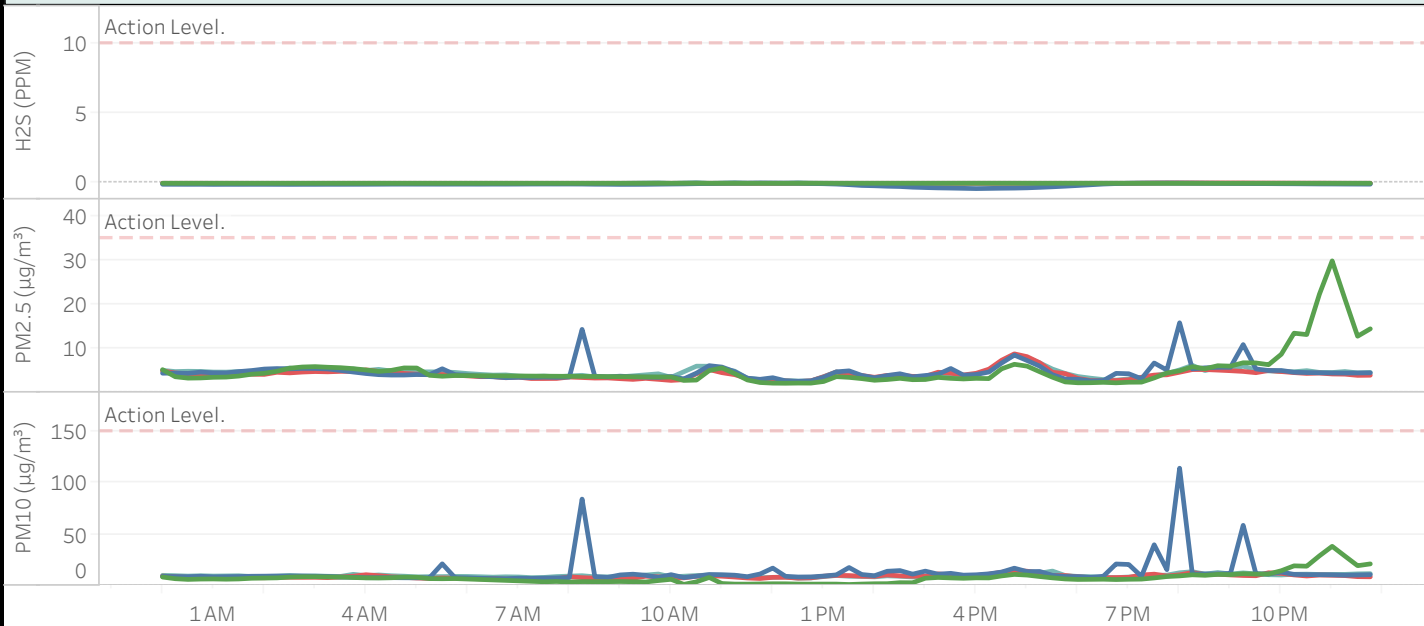


Figure 2 : 15 Minutes Average Concentrations

2693 2943 2996 2997



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Wind Rose Chart 2943

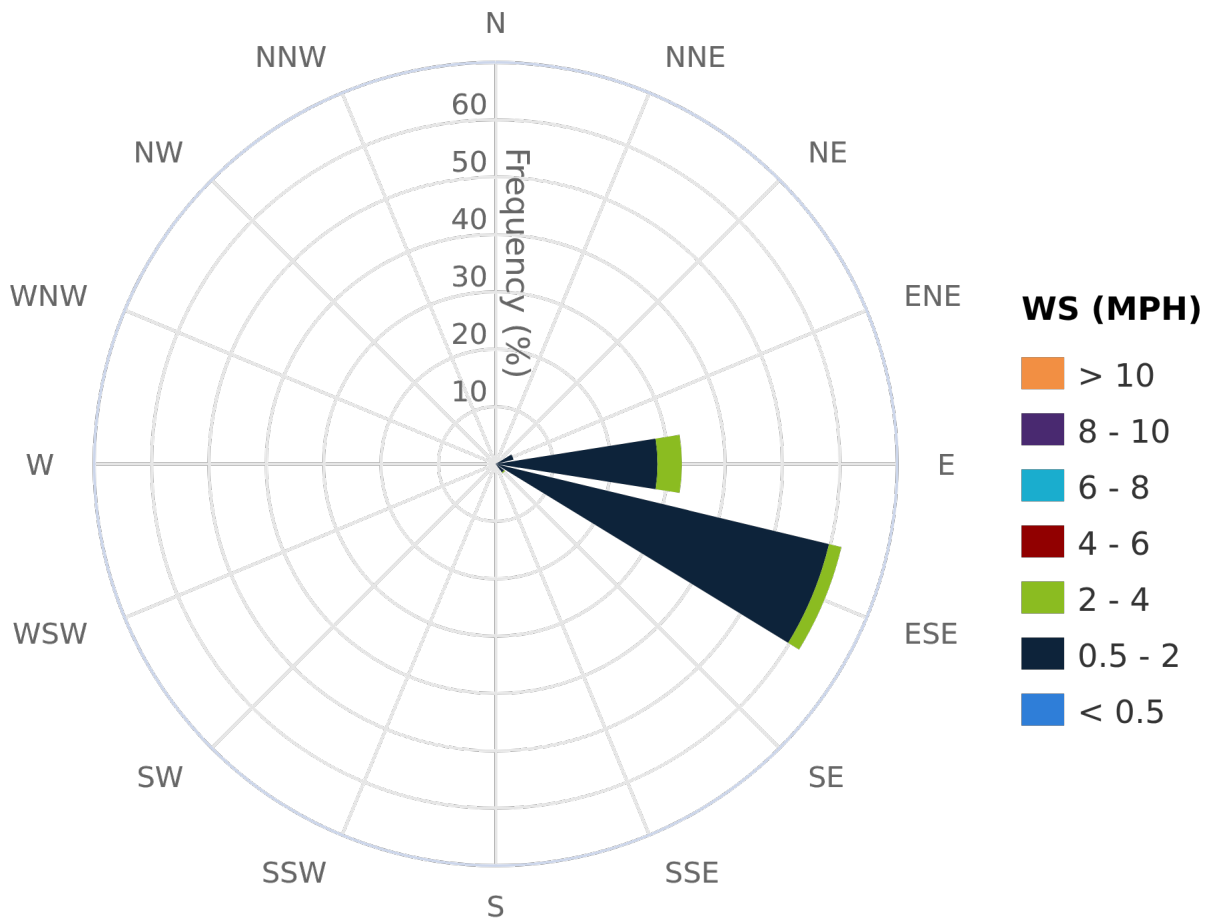


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2693

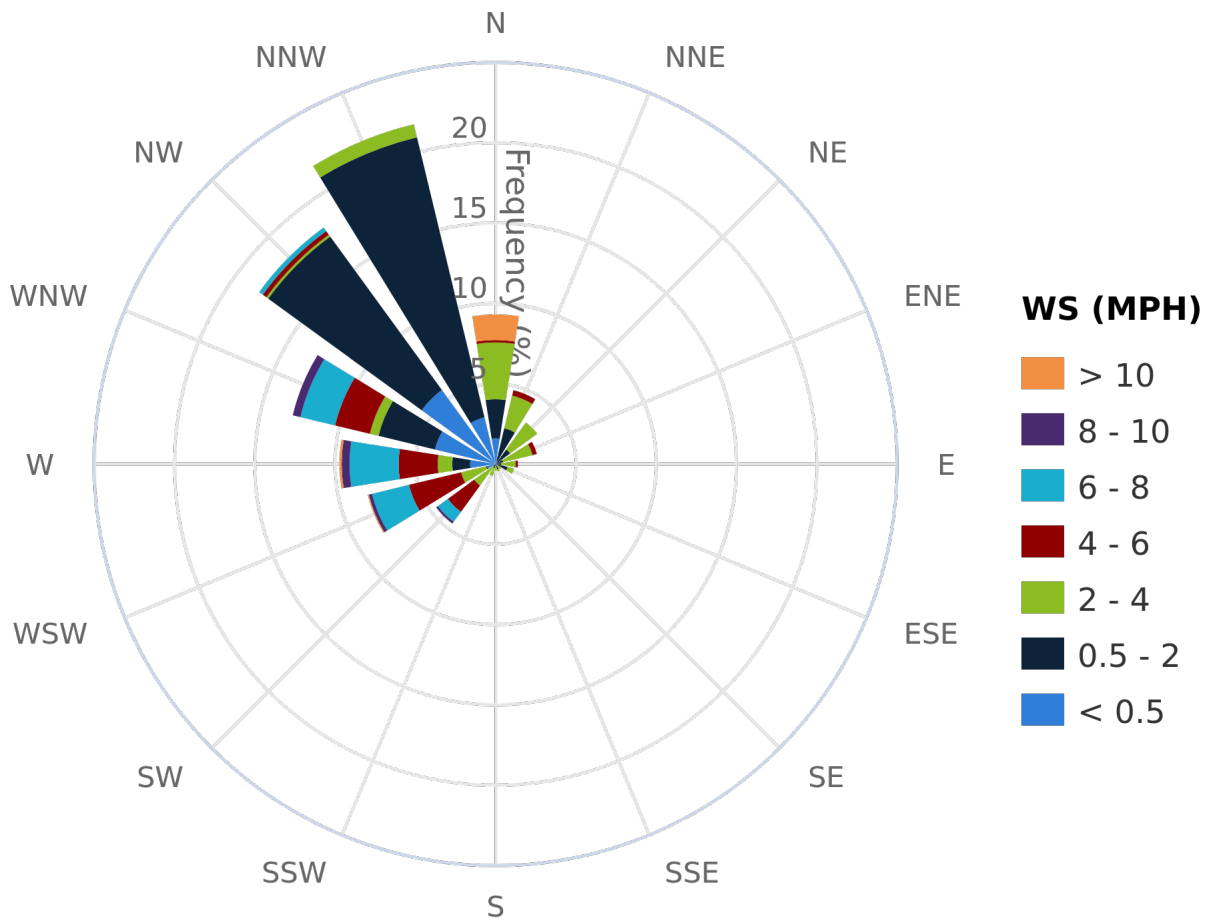


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

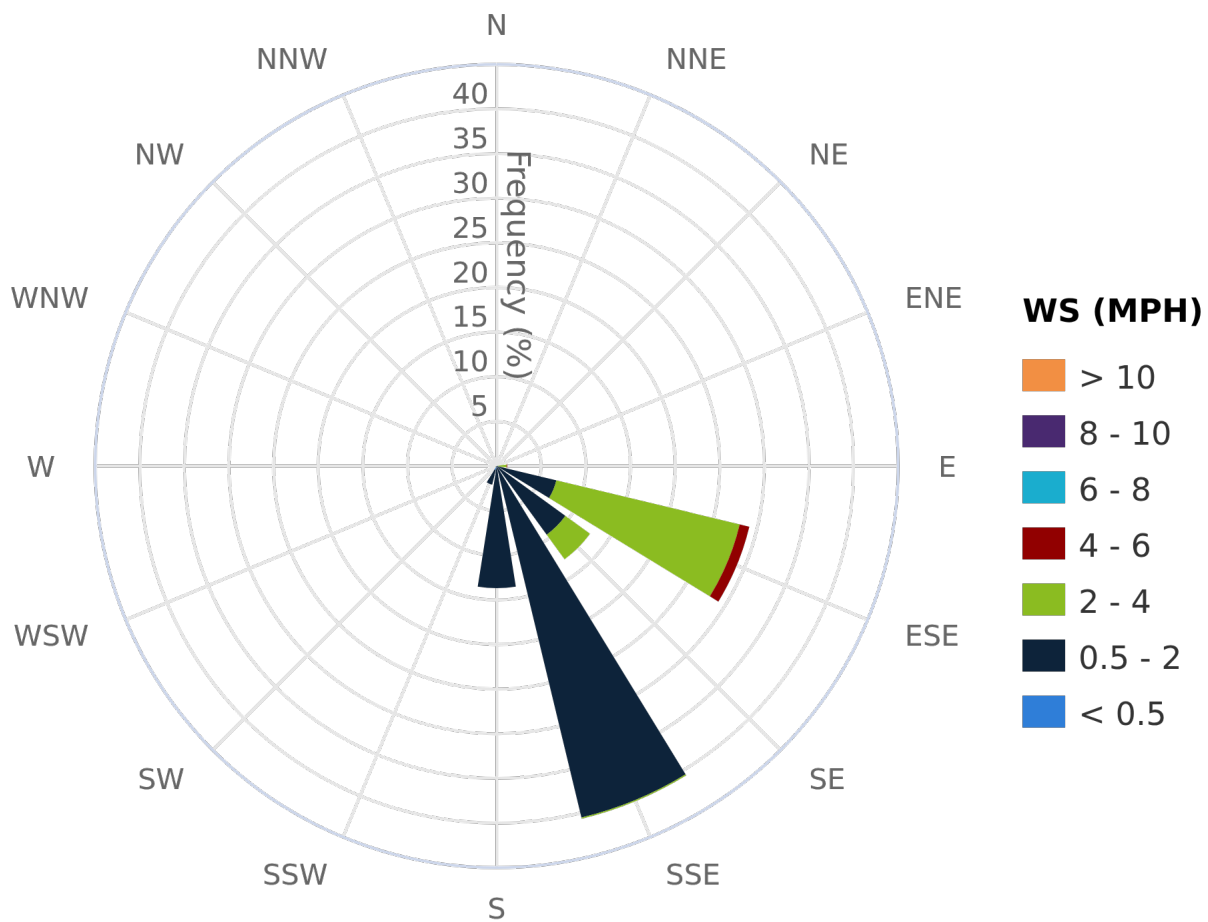


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

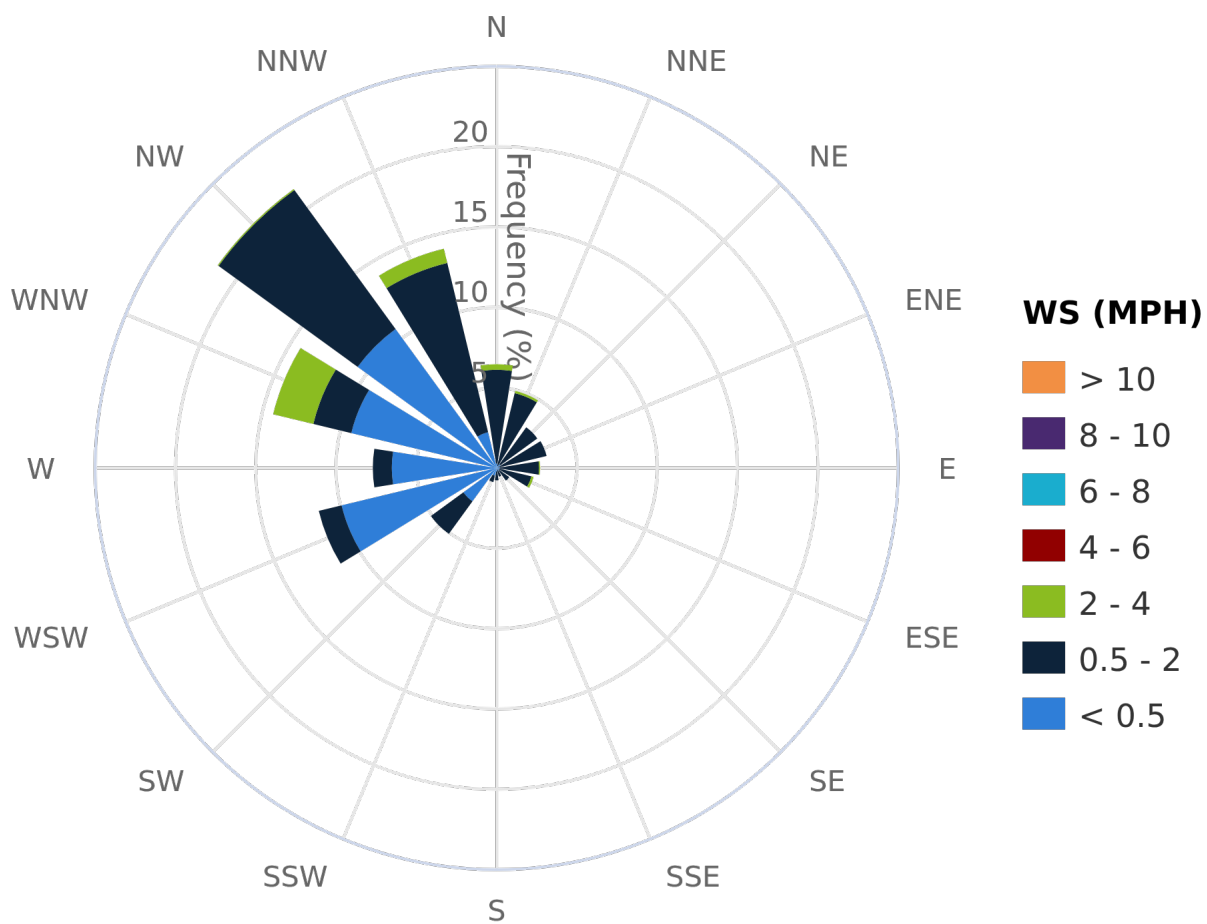


Figure 3 : Wind Rose Chart (WS in MPH)



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Table 3 : 15 Minute Average Concentrations (AM)

	Avg. 2943 - PM10 (µg/m³)	Avg. 2693 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 2693 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 2693 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
00:00:00	9.1	8.4	10.1	9.4	4.4	5.2	4.9	5.0	-0.071	0.000	0.001	0.000
00:15:00	8.9	6.8	9.8	8.6	4.4	3.6	4.4	4.8	-0.073	0.000	0.000	0.000
00:30:00	8.8	6.2	9.4	8.1	4.3	3.3	4.3	4.8	-0.074	0.000	0.002	0.000
00:45:00	9.2	6.5	9.7	8.0	4.6	3.3	4.3	4.8	-0.073	0.000	0.002	0.000
01:00:00	8.6	6.6	9.4	7.9	4.5	3.5	4.2	4.7	-0.080	0.001	0.000	0.000
01:15:00	8.8	6.4	9.5	8.0	4.5	3.5	4.2	4.6	-0.076	0.000	0.002	0.000
01:30:00	9.0	6.6	9.7	8.0	4.8	3.7	4.3	4.8	-0.077	0.000	0.001	0.000
01:45:00	9.2	7.3	8.9	7.9	5.0	4.2	4.2	4.8	-0.075	0.000	0.000	0.000
02:00:00	9.3	7.5	9.1	7.8	5.3	4.4	4.1	5.2	-0.075	0.001	0.000	0.000
02:15:00	9.4	7.7	9.4	8.1	5.4	4.8	4.6	5.2	-0.078	0.000	0.000	0.000
02:30:00	9.4	8.4	10.0	8.2	5.4	5.5	4.5	5.6	-0.079	0.000	0.000	0.000
02:45:00	9.5	8.7	9.4	8.1	5.5	5.8	4.7	5.2	-0.077	-0.001	0.000	0.000
03:00:00	9.2	8.8	9.6	8.2	5.5	5.9	4.8	5.4	-0.077	0.000	0.000	0.000
03:15:00	9.1	8.6	9.2	7.9	5.3	5.7	4.7	5.1	-0.074	0.000	0.000	0.000
03:30:00	8.4	8.4	9.1	8.5	5.0	5.6	4.8	5.0	-0.074	0.000	0.000	0.000
03:45:00	8.2	8.0	11.1	9.3	4.7	5.4	4.8	5.3	-0.072	0.000	0.000	0.000
04:00:00	7.8	7.6	9.8	10.7	4.3	5.1	5.1	5.0	-0.071	0.000	0.000	0.000
04:15:00	7.8	7.5	10.5	9.7	4.1	4.8	4.8	5.3	-0.067	0.001	0.000	0.000
04:30:00	7.9	7.8	9.7	8.6	4.0	5.0	4.5	4.9	-0.063	0.000	0.000	0.000
04:45:00	7.7	8.4	9.3	8.1	4.0	5.6	4.3	4.9	-0.062	0.000	0.000	0.000
05:00:00	7.7	8.3	8.7	7.5	4.1	5.6	4.2	4.7	-0.063	0.000	0.000	0.000
05:15:00	7.8	6.9	8.9	7.1	4.0	3.9	4.1	4.7	-0.063	0.000	0.000	0.000
05:30:00	21.3	6.8	8.9	7.6	5.4	3.7	4.1	4.7	-0.065	0.000	0.000	0.000
05:45:00	7.9	7.0	9.1	7.3	4.1	3.9	4.0	4.6	-0.062	0.000	0.000	0.000
06:00:00	7.7		9.0	7.2	3.9		3.8	4.3	-0.062		0.000	0.000
06:15:00	7.2		8.7	6.7	3.7		3.6	4.1	-0.064		0.000	0.000
06:30:00	7.0		8.4	6.9	3.6		3.6	4.0	-0.061		0.000	0.000
06:45:00	6.9		8.7	6.4	3.4		3.4	4.0	-0.062		0.000	0.000
07:00:00	7.3		8.5	6.5	3.5		3.5	3.7	-0.059		0.000	0.000
07:15:00	7.1		7.9	6.0	3.4		3.2	3.6	-0.055		0.000	0.000
07:30:00	7.4	3.9	8.1	6.1	3.5		3.2	3.8	-0.053		0.000	0.000
07:45:00	7.6	4.2	8.9	6.7	3.5		3.2	3.6	-0.054		0.000	0.000
08:00:00	8.0	3.6	9.4	8.7	3.5		3.5	3.8	-0.054		0.000	0.000
08:15:00	84.0	4.0	9.8	7.9	14.3		3.4	3.9	-0.056		0.000	0.000
08:30:00	8.9	4.0	8.7	7.4	3.7		3.3	3.6	-0.067		0.000	0.000
08:45:00	8.1	4.0	8.7	7.8	3.6		3.3	3.5	-0.071		0.000	0.000
09:00:00	10.5	4.1	8.4	7.4	3.7		3.2	3.6	-0.080		0.000	0.000
09:15:00	11.2	3.9		7.2	3.6		3.0		-0.078		0.000	
09:30:00	10.2	3.7		9.2	3.5		3.2		-0.075		0.000	
09:45:00	8.1	5.1	11.4	8.6	3.5		3.0	4.3	-0.064		0.000	0.036
10:00:00	10.8	6.2	8.6	7.9	3.6	3.5	2.8	3.5	-0.054	0.000	0.000	0.000
10:15:00	8.0	1.3		7.7	3.1	2.8	2.9		-0.045	0.003	0.000	
10:30:00	9.3	3.9	9.9	9.2	4.4	2.8	4.3	6.0	-0.028	0.002	0.000	0.055
10:45:00	10.9	8.0	10.4	9.7	6.1	5.0	5.2	6.0	-0.015	0.000	0.000	0.002
11:00:00	10.7	2.2		9.3	5.8	5.6	4.5		-0.002	0.001	0.000	
11:15:00	10.3	1.6	10.1	8.5	4.7	4.3	4.1	4.9	0.005	0.000	0.000	0.047
11:30:00	8.8	1.6	7.9	7.5	3.3	2.9	3.2	3.3	0.013	0.000	0.000	0.001
11:45:00	11.4	1.8	7.9	7.0	3.0	2.3	2.6	2.9	0.025	0.000	0.000	0.000



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	Avg. 2943 - PM10 (µg/m³)	Avg. 2693 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 2693 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 2693 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
12:00:00	17.1	2.0	8.1	8.2	3.4	2.1	2.6	2.7	0.018	0.000	0.000	0.000
12:15:00	9.2	1.9	8.5	8.2	2.7	2.1	2.6	2.7	0.012	0.000	0.000	0.003
12:30:00	8.5	1.7	7.3	7.4	2.6	2.2	2.5	2.6	0.001	0.001	0.000	0.043
12:45:00	8.6	1.6	7.6	7.7	2.7	2.2	2.7	2.7	-0.017	0.001	0.000	0.016
13:00:00	9.4	1.7	8.9	9.3	3.5	2.5	3.6	3.6	-0.031	0.001	0.000	0.008
13:15:00	10.6	1.6	9.9	10.1	4.7	3.6	4.7	4.7	-0.057	0.001	0.000	0.000
13:30:00	17.7	1.2	9.2	9.9	4.9	3.5	4.2	4.0	-0.099	0.001	0.000	0.000
13:45:00	10.9	1.7	9.0	9.3	3.9	3.2	3.9	3.7	-0.155	0.001	0.000	0.000
14:00:00	9.7	2.0	8.6	9.1	3.3	2.8	3.5	3.2	-0.177	0.001	0.000	0.000
14:15:00	14.1	2.0	9.6	10.5	3.9	3.0	3.9	3.7	-0.210	0.001	0.000	0.000
14:30:00	14.7	3.0	9.2	9.6	4.3	3.2	4.0	3.7	-0.230	0.000	0.000	0.000
14:45:00	11.3	2.9	8.5	9.2	3.6	2.9	3.7	3.4	-0.279	0.001	0.000	0.000
15:00:00	14.2	7.3	8.7	9.4	3.9	3.0	3.7	3.3	-0.305	0.001	0.000	0.000
15:15:00	11.2	8.0	9.6	11.5	4.2	3.4	4.6	4.0	-0.329	0.001	0.000	0.000
15:30:00	12.1	7.6	9.7	10.5	5.5	3.2	4.4	4.0	-0.343	0.001	0.000	0.000
15:45:00	10.3	7.3	9.3	9.8	4.0	3.1	4.0	3.7	-0.360	0.001	0.000	0.000
16:00:00	10.6	7.7	9.9	9.9	4.1	3.2	4.4	4.1	-0.379	0.002	0.000	0.000
16:15:00	11.6	7.6	10.6	11.2	4.7	3.2	5.3	4.9	-0.366	0.002	0.000	0.000
16:30:00	13.3	9.5	12.9	13.1	6.7	5.4	7.3	6.9	-0.353	0.002	0.000	0.000
16:45:00	17.0	11.0	14.6	14.7	8.5	6.4	8.8	8.5	-0.344	0.002	0.000	0.000
17:00:00	13.7	10.3	13.3	14.1	7.3	6.0	8.1	7.9	-0.324	0.001	0.000	0.000
17:15:00	13.9	8.9	12.2	12.4	6.0	4.7	6.7	6.7	-0.290	0.000	0.000	0.000
17:30:00	10.1	7.7	14.2	10.0	4.1	3.5	4.6	5.3	-0.252	0.001	0.000	0.000
17:45:00	9.0	6.6	9.9	9.9	3.1	2.4	4.3	4.3	-0.207	0.001	0.000	0.000
18:00:00	8.9	6.1	9.0	8.6	3.0	2.2	3.2	3.6	-0.157	0.001	0.000	0.002
18:15:00	8.2	6.2	8.8	8.0	2.6	2.2	2.7	3.3	-0.107	0.001	0.000	0.003
18:30:00	9.2	6.4	8.2	7.7	2.7	2.3	2.7	3.0	-0.055	0.000	0.000	0.006
18:45:00	21.1	6.0	7.9	7.9	4.4	2.2	2.7	2.8	-0.022	0.000	0.000	0.008
19:00:00	20.6	6.3	8.5	8.2	4.3	2.4	2.9	3.1	0.003	-0.001	0.000	0.008
19:15:00	9.1	6.5	9.0	10.4	3.1	2.4	3.5	3.4	0.013	0.000	0.010	0.008
19:30:00	39.7	7.6	10.0	11.3	6.7	3.3	4.0	3.9	0.017	0.000	0.020	0.006
19:45:00	15.6	8.9	10.4	9.5	5.1	4.4	4.0	4.3	0.019	0.000	0.025	0.006
20:00:00	113.9	9.6	12.6	10.6	15.8	4.9	4.6	5.1	0.016	0.000	0.027	0.003
20:15:00	11.5	10.6	13.6	12.8	5.4	5.9	5.2	6.2	0.011	0.000	0.027	0.000
20:30:00	11.5	10.1	11.3	10.8	5.6	5.4	5.2	5.0	0.004	0.000	0.024	0.000
20:45:00	11.5	11.0	12.8	11.2	5.7	6.1	5.1	5.7	-0.003	0.000	0.025	0.000
21:00:00	12.0	10.8	11.4	10.5	5.7	6.0	5.0	5.3	-0.012	0.000	0.024	0.000
21:15:00	58.5	11.7	12.5	9.9	10.9	6.8	4.8	6.0	-0.016	0.000	0.023	0.000
21:30:00	11.7	11.3	11.5	9.7	5.4	6.7	4.5	5.1	-0.023	0.001	0.018	0.000
21:45:00	11.4	11.4	10.7	12.6	5.0	6.3	5.0	4.9	-0.027	0.000	0.015	0.000
22:00:00	13.2	14.6	10.5	12.0	5.0	8.7	4.8	4.8	-0.032	0.000	0.013	0.000
22:15:00	11.0	19.3	11.1	10.5	4.6	13.4	4.5	4.7	-0.036	0.001	0.011	0.000
22:30:00	10.8	18.9	11.3	9.5	4.5	13.1	4.3	5.0	-0.042	0.000	0.009	0.000
22:45:00	10.7	29.0	11.0	10.4	4.5	22.3	4.4	4.6	-0.049	0.001	0.009	0.000
23:00:00	10.6	38.2	11.0	10.1	4.4	29.8	4.2	4.5	-0.051	0.000	0.006	0.000
23:15:00	10.3	28.8	11.0	9.9	4.4	21.2	4.2	4.8	-0.056	0.000	0.003	0.000
23:30:00	10.5	19.4	11.5	8.8	4.4	12.7	3.9	4.5	-0.059	0.000	0.002	0.000
23:45:00	10.7	21.2	11.7	8.7	4.5	14.4	3.9	4.6	-0.063	0.000	0.003	0.000



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