



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-10-25

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.1790 Max : 7.695	2943 ESE	2693 NNE	2996 ESE	2997 N	Min : 54.32 Max : 91.76	Min : 42.30 Max : 88.50	Min : 30.08 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	9.7	28.7	5.0	21.9	0.000	0.002
2943	12.4	46.1	5.0	9.3	-0.067	0.017
2996	10.2	17.2	4.2	7.0	0.001	0.010
2997	10.6	18.6	4.5	9.0	0.001	0.084



Figure 1 : Monitoring Locations

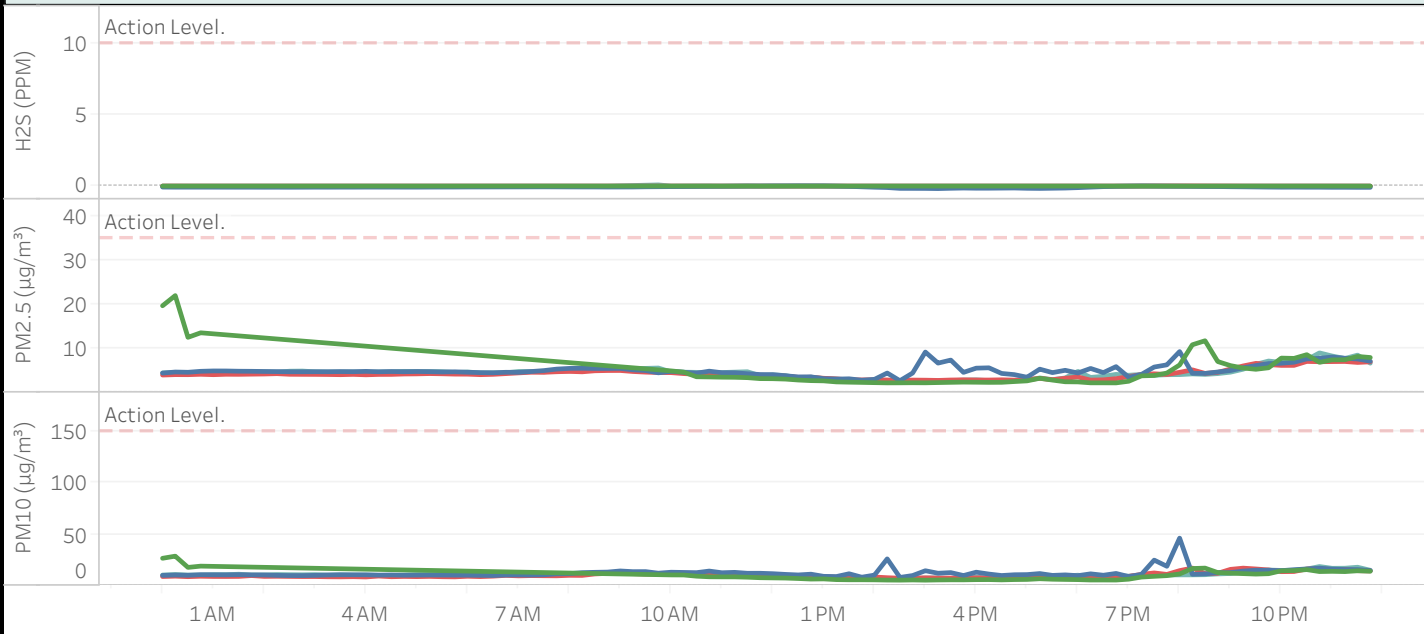


Figure 2 : 15 Minutes Average Concentrations

2693 2943 2996 2997



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Wind Rose Chart 2943

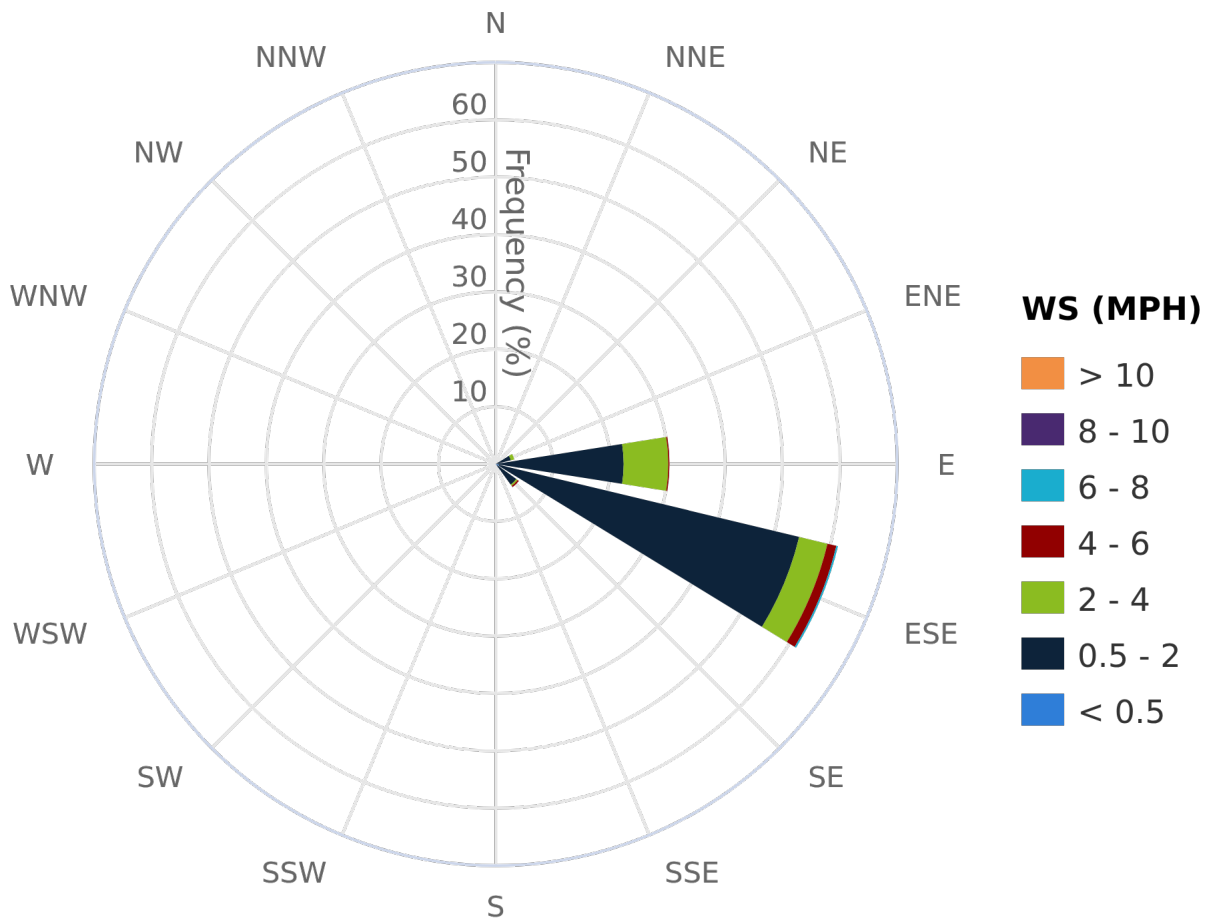


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2693

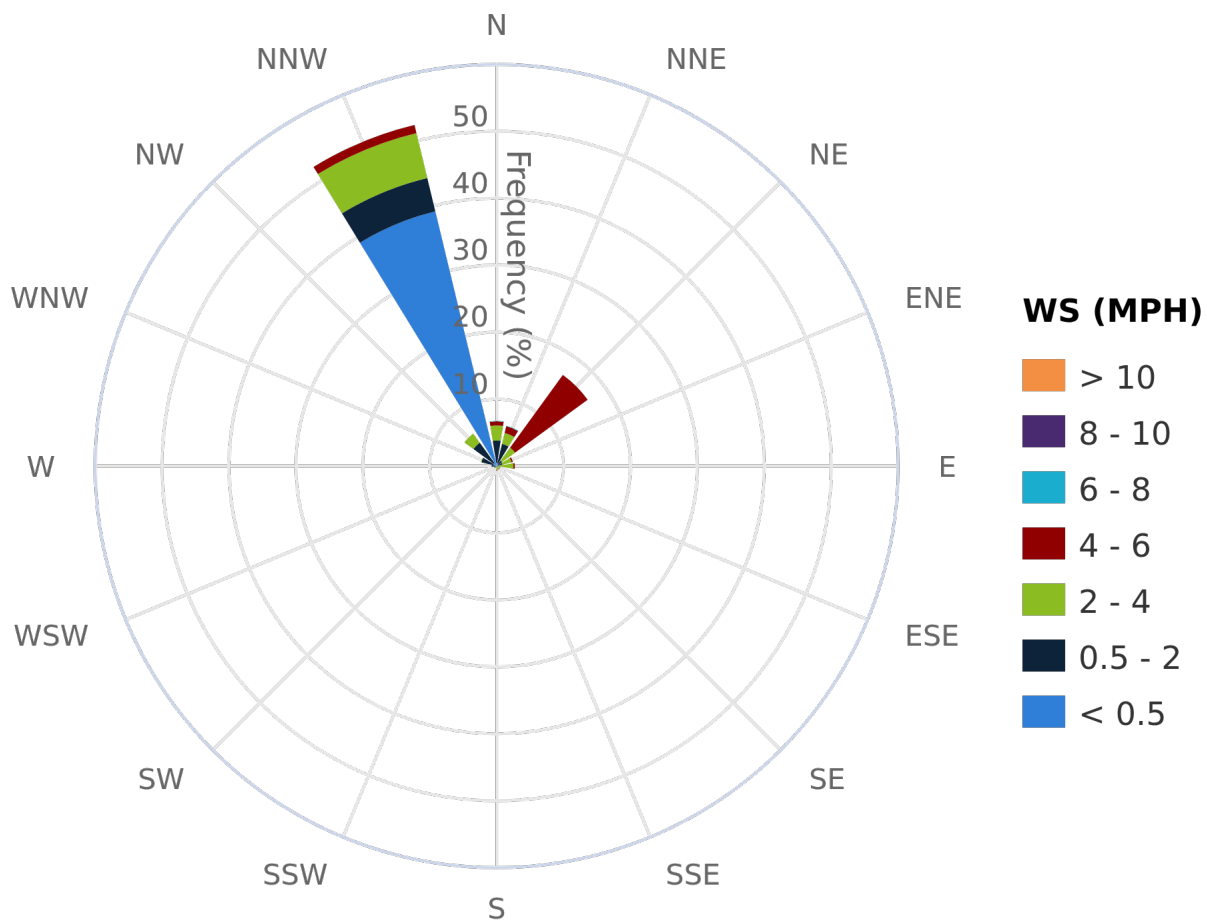


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

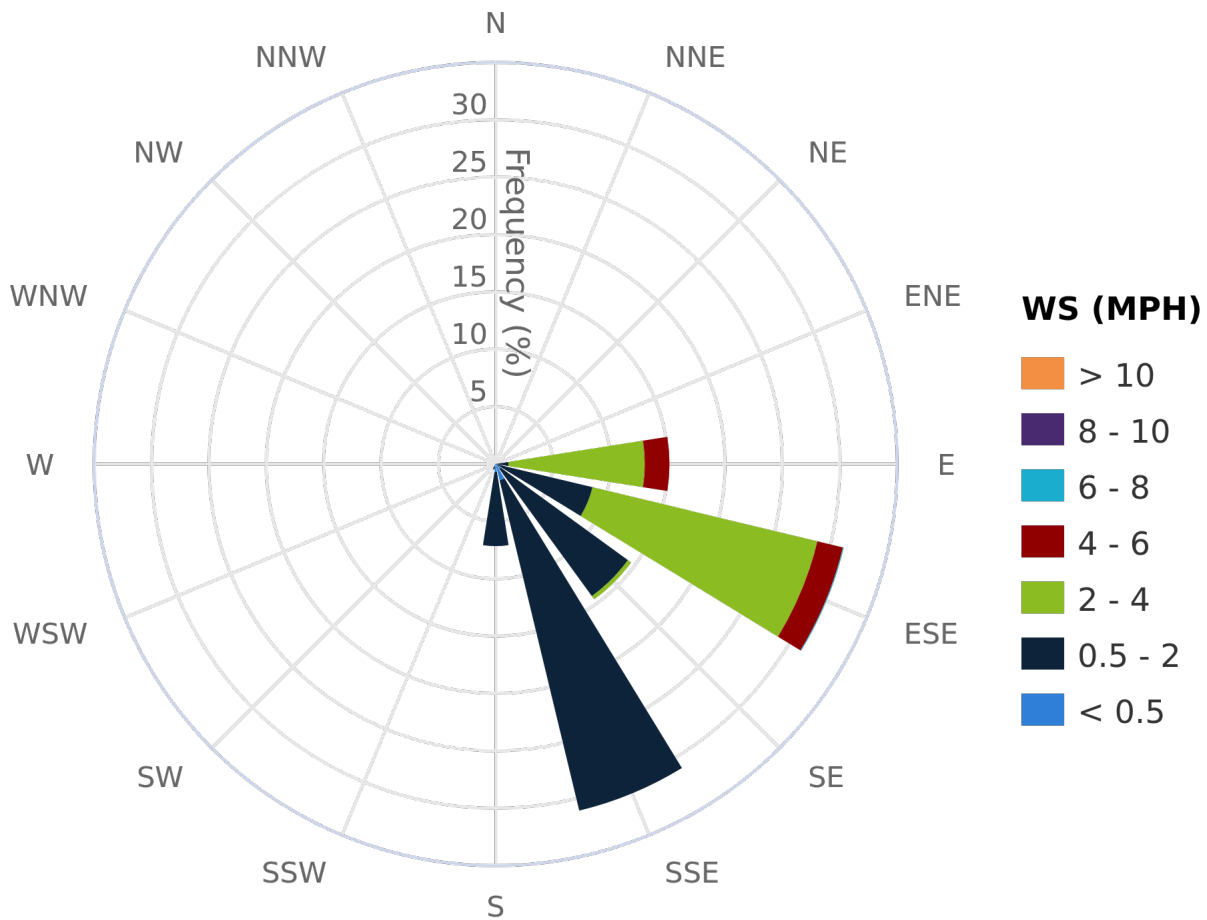


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

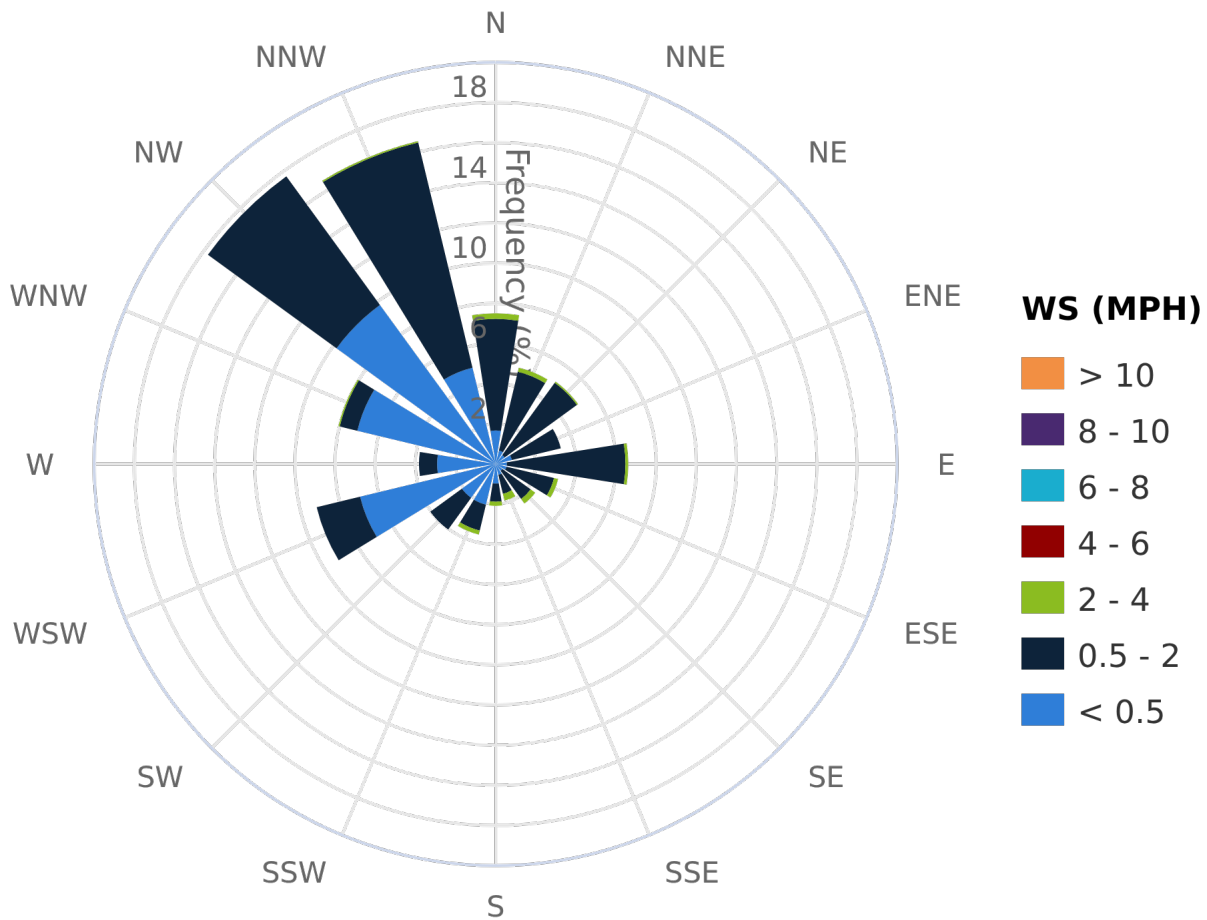


Figure 3 : Wind Rose Chart (WS in MPH)



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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	10.0	26.6	10.4	8.9	4.4	19.6	4.0	4.5	-0.070	0.000	0.002	0.000
00:15:00	10.4	28.7	10.9	9.3	4.7	21.9	4.1	4.6	-0.076	0.000	0.002	0.000
00:30:00	10.2	17.8	10.4	8.8	4.6	12.5	4.1	4.5	-0.076	0.000	0.000	0.000
00:45:00	10.7	19.0	10.4	9.2	4.8	13.5	4.1	4.6	-0.076	0.000	0.000	0.000
01:00:00	10.6		10.8	9.0	4.9		4.1	4.6	-0.077		0.000	0.000
01:15:00	10.6		10.8	9.0	4.9		4.1	4.6	-0.078		0.000	0.000
01:30:00	10.8		11.2	9.1	4.8		4.1	4.7	-0.079		0.000	0.000
01:45:00	10.5		10.5	9.9	4.8		4.2	4.7	-0.079		0.000	0.000
02:00:00	10.5		10.5	9.1	4.8		4.2	4.7	-0.081		0.000	0.000
02:15:00	10.1		10.9	9.2	4.8		4.3	4.6	-0.079		0.000	0.000
02:30:00	9.9		10.7	9.0	4.7		4.1	4.8	-0.081		0.000	0.000
02:45:00	9.9		10.7	8.9	4.7		4.1	4.9	-0.079		0.000	0.000
03:00:00	10.1		10.8	8.9	4.7		4.1	4.7	-0.076		0.000	0.000
03:15:00	10.4		10.3	8.7	4.7		4.1	4.7	-0.077		0.000	0.000
03:30:00	10.6		10.6	8.6	4.8		4.1	4.7	-0.075		0.000	0.000
03:45:00	10.6		10.3	8.8	4.7		4.1	4.7	-0.075		0.000	0.000
04:00:00	10.6		10.3	8.5	4.8		4.0	4.6	-0.072		0.000	0.000
04:15:00	10.3		10.1	9.4	4.7		4.1	4.7	-0.072		0.000	0.000
04:30:00	10.5		9.9	8.7	4.8		4.1	4.7	-0.072		0.000	0.000
04:45:00	10.2		10.4	9.0	4.7		4.2	4.8	-0.074		0.000	0.000
05:00:00	10.4		10.7	8.8	4.8		4.2	4.8	-0.074		0.000	0.000
05:15:00	10.4		10.9	9.0	4.7		4.3	4.8	-0.071		0.000	0.000
05:30:00	10.4		11.0	8.7	4.7		4.3	4.7	-0.068		0.000	0.000
05:45:00	10.3		10.4	8.6	4.7		4.2	4.6	-0.066		0.000	0.000
06:00:00	10.3		10.8	9.2	4.6		4.2	4.7	-0.063		0.000	0.000
06:15:00	10.1		10.1	8.9	4.5		4.1	4.5	-0.062		0.000	0.000
06:30:00	9.9		10.3	9.3	4.5		4.1	4.5	-0.060		0.000	0.000
06:45:00	10.4		10.5	10.1	4.6		4.3	4.5	-0.058		0.000	0.000
07:00:00	10.4		10.6	9.6	4.6		4.5	4.8	-0.057		0.000	0.000
07:15:00	10.4		10.9	9.8	4.8		4.6	4.8	-0.055		0.000	0.000
07:30:00	10.6		10.6	9.7	5.0		4.6	4.7	-0.054		0.000	0.000
07:45:00	11.5		10.8	9.6	5.3		4.7	4.9	-0.056		0.000	0.000
08:00:00	11.7		11.2	10.1	5.5		4.8	4.9	-0.059		0.000	0.000
08:15:00	12.7		11.6	10.0	5.5		4.7	5.1	-0.061		0.000	0.000
08:30:00	13.0		12.2	11.4	5.5		4.9	5.2	-0.062		0.000	0.000
08:45:00	13.3		11.9	12.0	5.5		5.0	5.2	-0.065		0.000	0.000
09:00:00	14.4			11.9	5.5		5.0		-0.064		0.000	
09:15:00	13.7			11.7	5.2		4.8		-0.062		0.000	
09:30:00	13.7			11.3	5.0		4.6		-0.050		0.000	
09:45:00	12.2		11.8	11.4	4.5		4.5	5.6	-0.044		0.000	0.084
10:00:00	13.1	10.5	11.9	11.8	4.8	4.9	4.5	4.7	-0.037	0.001	0.000	0.002
10:15:00	12.9	10.4		11.3	4.6	4.6	4.3		-0.034	0.002	0.000	
10:30:00	12.7	9.3		11.2	4.4	3.6	4.2		-0.027	0.001	0.000	
10:45:00	14.3	8.7	11.7	11.7	4.9	3.5	4.2	4.5	-0.022	0.000	0.000	0.018
11:00:00	12.6	8.6	11.7	11.4	4.5	3.5	4.2	4.5	-0.012	0.000	0.000	0.000
11:15:00	13.0	8.6		10.9	4.5	3.5	4.2		-0.009	0.000	0.000	
11:30:00	12.1	8.3	11.0	10.9	4.3	3.4	4.1	4.7	-0.005	0.000	0.000	0.022
11:45:00	12.1	7.8	10.0	9.4	4.1	3.2	3.5	3.8	0.003	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	11.7	7.6	10.4	9.9	4.1	3.1	3.9	4.0	0.010	0.001	0.000	0.000
12:15:00	11.0	7.5	10.2	10.1	3.8	3.1	3.7	3.9	0.013	0.000	0.000	0.000
12:30:00	10.5	7.0	8.4	9.5	3.6	2.8	3.5	3.3	0.017	0.000	0.000	0.002
12:45:00	11.2	6.5	9.4	9.5	3.6	2.7	3.5	3.5	0.013	0.000	0.000	0.004
13:00:00	9.2	6.6	8.2	8.7	3.2	2.7	3.3	3.2	0.011	0.000	0.000	0.007
13:15:00	8.9	6.0	8.0	8.3	3.1	2.4	3.1	3.1	-0.003	0.000	0.000	0.003
13:30:00	11.6	5.8	7.9	7.9	3.1	2.4	2.9	2.8	-0.021	0.000	0.000	0.000
13:45:00	8.3	5.8	7.2	8.1	2.8	2.3	2.9	2.7	-0.051	0.001	0.000	0.000
14:00:00	10.3	5.7	7.5	8.5	3.0	2.3	2.9	2.7	-0.080	0.001	0.000	0.000
14:15:00	26.1	5.5	7.2	7.8	4.4	2.2	2.9	2.7	-0.102	0.000	0.000	0.000
14:30:00	8.1	5.4	7.1	7.3	2.7	2.2	2.7	2.7	-0.159	0.001	0.000	0.000
14:45:00	9.9	5.6	6.8	7.5	4.4	2.2	2.8	2.6	-0.161	0.001	0.000	0.000
15:00:00	14.6	5.4	7.6	7.7	9.2	2.2	2.8	2.8	-0.164	0.001	0.000	0.000
15:15:00	12.1	5.6	7.6	7.5	6.7	2.3	2.8	2.7	-0.175	0.000	0.000	0.000
15:30:00	12.8	5.7	6.9	7.5	7.4	2.3	2.9	2.7	-0.154	0.000	0.000	0.000
15:45:00	9.9	5.7	9.2	7.8	4.6	2.4	2.9	2.8	-0.136	0.001	0.000	0.000
16:00:00	13.2	5.9	8.6	7.6	5.5	2.4	2.9	2.9	-0.148	0.001	0.000	0.000
16:15:00	11.3	6.0	7.3	7.8	5.6	2.3	2.9	2.7	-0.148	0.001	0.000	0.000
16:30:00	9.9	5.7	7.3	7.9	4.3	2.3	2.9	2.8	-0.140	0.001	0.000	0.000
16:45:00	10.7	6.0	7.5	7.3	4.1	2.5	2.8	2.8	-0.133	0.001	0.000	0.000
17:00:00	10.8	6.1	7.5	7.7	3.5	2.7	3.0	2.8	-0.155	0.000	0.000	0.000
17:15:00	11.8	6.8	8.0	8.2	5.3	3.2	3.2	3.3	-0.163	0.000	0.000	0.000
17:30:00	10.1	6.3	7.5	7.6	4.5	2.8	2.9	2.9	-0.150	0.000	0.000	0.000
17:45:00	10.5	6.1	9.5	8.0	5.0	2.5	3.2	3.3	-0.137	0.001	0.000	0.000
18:00:00	9.8	5.9	10.2	8.3	4.4	2.4	3.5	4.8	-0.109	0.000	0.000	0.000
18:15:00	11.6	5.6	8.6	7.3	5.5	2.2	2.8	3.4	-0.073	0.000	0.000	0.000
18:30:00	10.2	5.6	9.5	7.3	4.5	2.2	2.9	3.7	-0.039	0.000	0.000	0.000
18:45:00	11.9	5.5	9.6	7.8	5.9	2.2	3.2	4.1	-0.015	0.000	0.000	0.000
19:00:00	8.9	6.4	9.4	9.1	3.5	2.6	3.6	3.9	-0.002	0.000	0.000	0.003
19:15:00	11.1	8.4	10.3	11.1	4.1	3.8	4.1	4.1	0.007	0.000	0.003	0.004
19:30:00	24.9	9.1	10.2	12.4	5.8	3.9	4.3	3.9	0.002	0.000	0.008	0.000
19:45:00	18.9	9.8	10.5	11.0	6.3	4.4	4.1	4.1	-0.007	0.001	0.009	0.000
20:00:00	46.1	11.4	10.5	14.7	9.3	6.3	4.6	4.1	-0.012	0.000	0.010	0.000
20:15:00	11.1	16.7	10.6	17.2	4.4	10.8	5.2	4.2	-0.018	0.000	0.010	0.000
20:30:00	11.5	17.1	10.7	11.8	4.3	11.7	4.3	4.1	-0.027	0.001	0.007	0.000
20:45:00	12.7	12.8	11.5	12.1	4.7	7.0	4.6	4.3	-0.033	0.000	0.005	0.000
21:00:00	12.8	12.2	11.9	15.9	5.0	6.1	5.3	4.6	-0.045	0.000	0.004	0.000
21:15:00	14.2	11.8	13.3	17.1	5.6	5.6	6.0	5.3	-0.052	0.000	0.000	0.000
21:30:00	15.1	11.3	14.4	16.3	6.1	5.3	6.6	6.4	-0.061	0.000	0.000	0.000
21:45:00	15.0	11.7	15.3	15.3	6.6	5.6	6.3	7.1	-0.071	0.000	0.000	0.000
22:00:00	14.7	14.5	14.9	13.6	6.6	7.8	6.2	6.8	-0.077	0.000	0.000	0.000
22:15:00	15.6	14.7	15.1	13.8	6.9	7.7	6.2	6.8	-0.075	0.000	0.000	0.000
22:30:00	16.3	15.6	16.2	16.2	7.6	8.6	7.0	7.4	-0.079	0.000	0.000	0.000
22:45:00	17.1	13.8	18.6	16.3	7.8	6.9	7.0	9.0	-0.080	0.000	0.000	0.000
23:00:00	16.2	14.0	16.9	15.8	8.0	7.4	7.0	8.3	-0.086	0.000	0.000	0.000
23:15:00	15.7	13.7	17.0	15.8	7.8	7.4	7.0	7.7	-0.085	0.000	0.000	0.000
23:30:00	15.7	14.5	18.0	14.6	7.6	8.2	6.8	8.5	-0.089	0.000	0.000	0.000
23:45:00	14.8	14.1	15.0	14.4	7.1	7.9	7.0	6.7	-0.088	0.000	0.000	0.000



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