



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-10-16

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0 Max : 14.41	2943 ESE	2693 N	2996 SE	2997 NNW	Min : 55.58 Max : 93.56	Min : 39.60 Max : 94.00	Min : 0 Max : 30.09

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	6.2	12.4	3.1	6.0	0.000	0.001
2943	12.1	88.4	3.9	12.1	-0.067	0.042
2996	8.1	15.8	3.4	5.3	0.001	0.018
2997	8.7	14.5	3.5	5.5	0.001	0.097



Figure 1 : Monitoring Locations

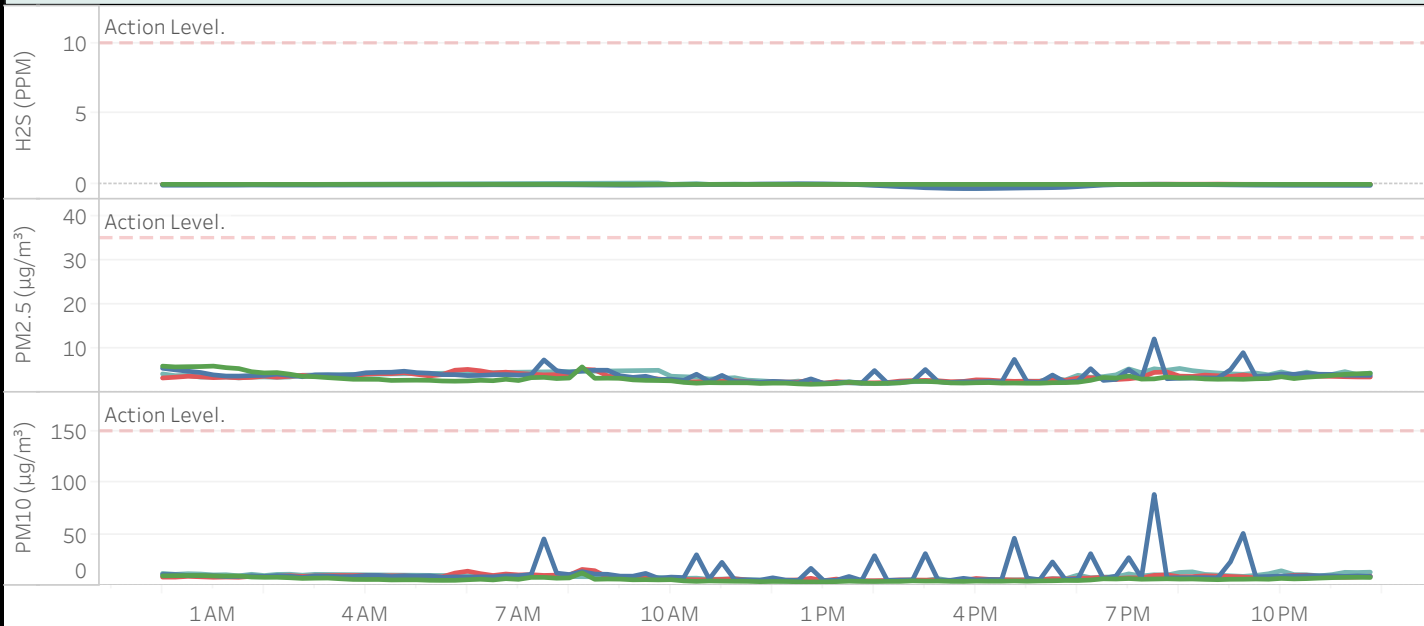


Figure 2 : 15 Minutes Average Concentrations

2693 2943 2996 2997



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Wind Rose Chart 2943

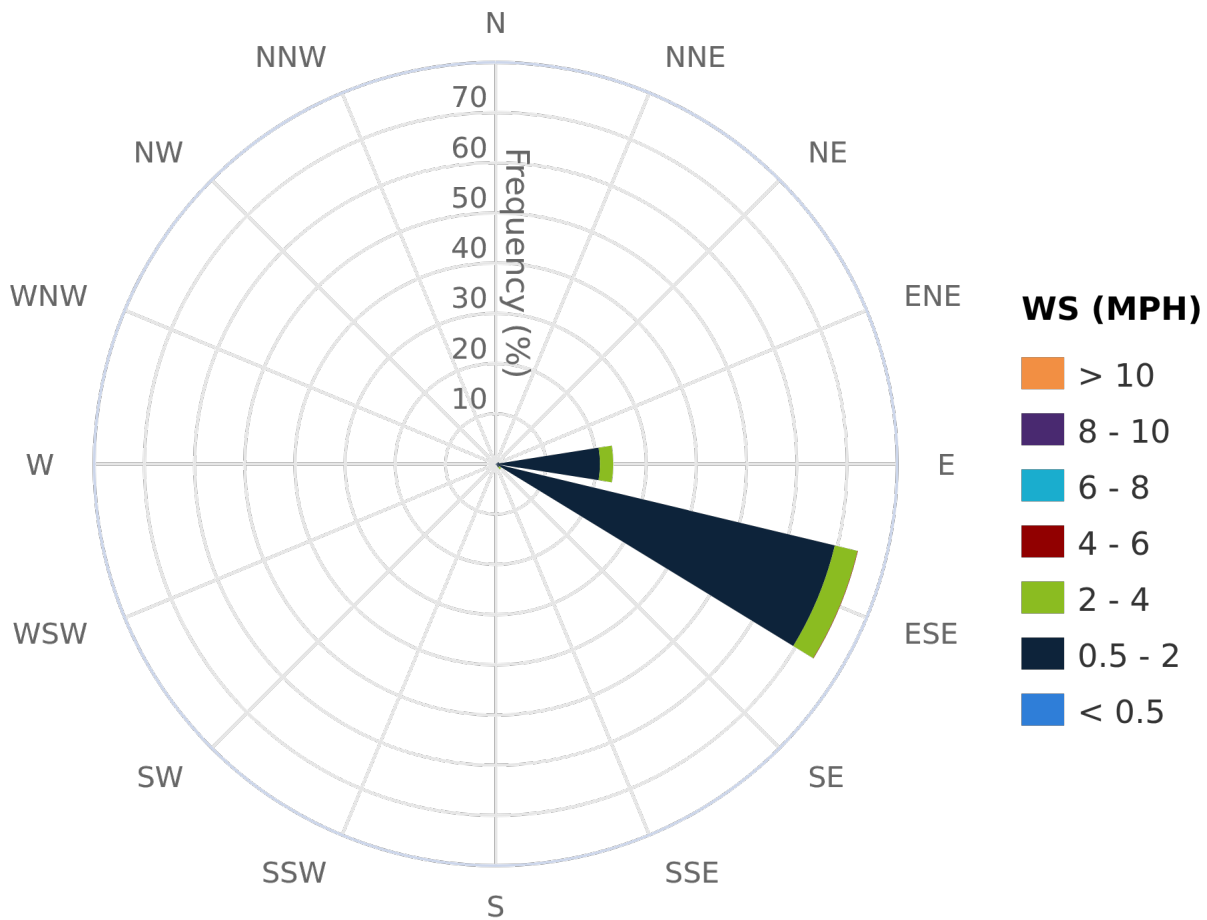


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2693

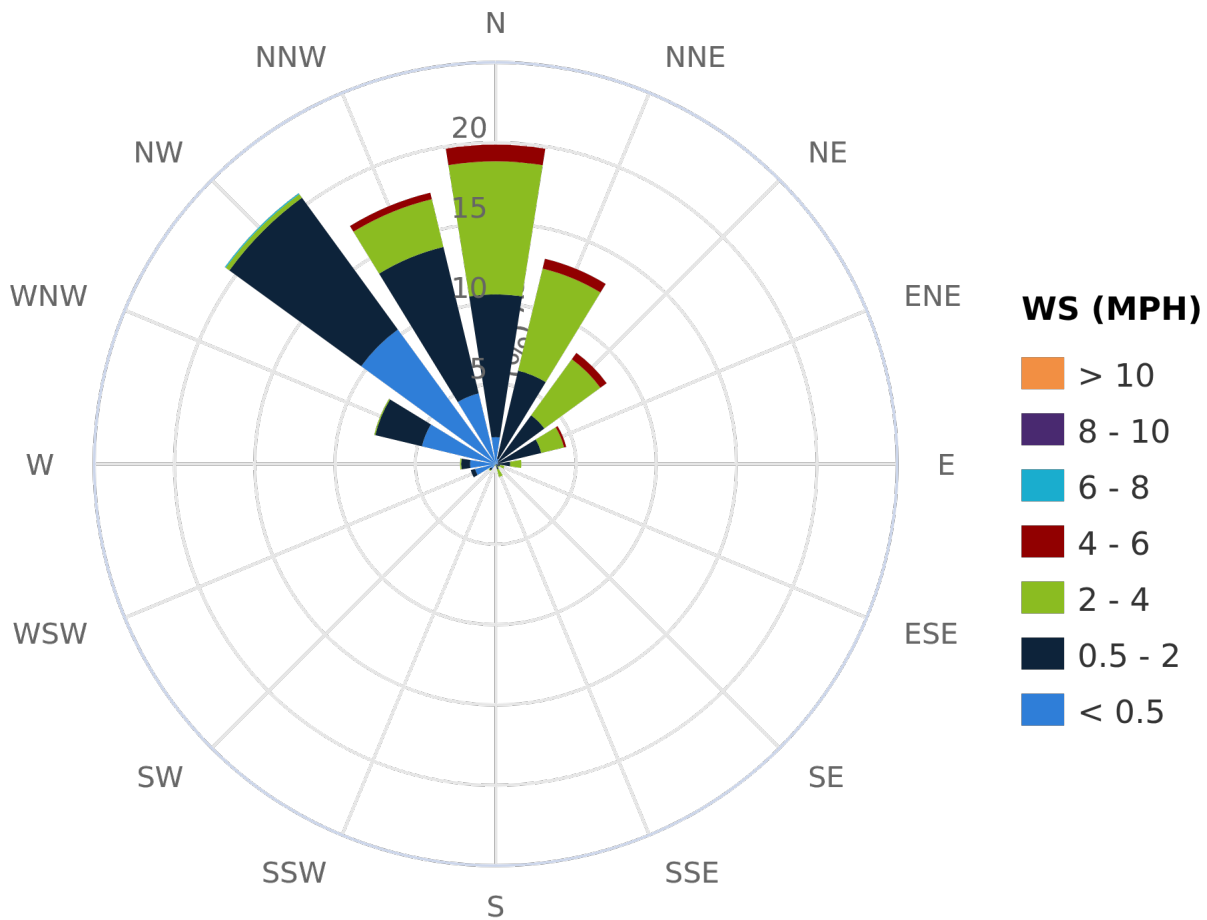


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

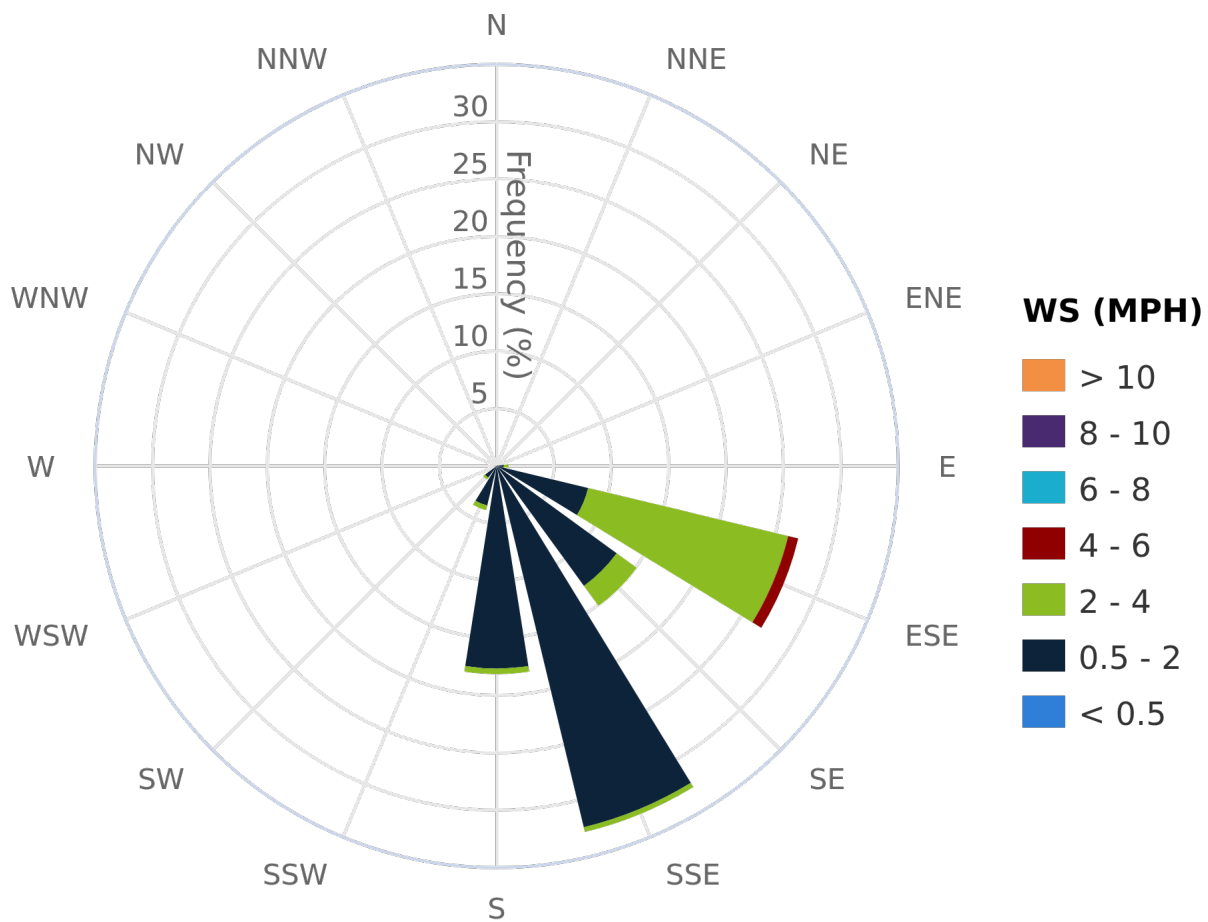


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

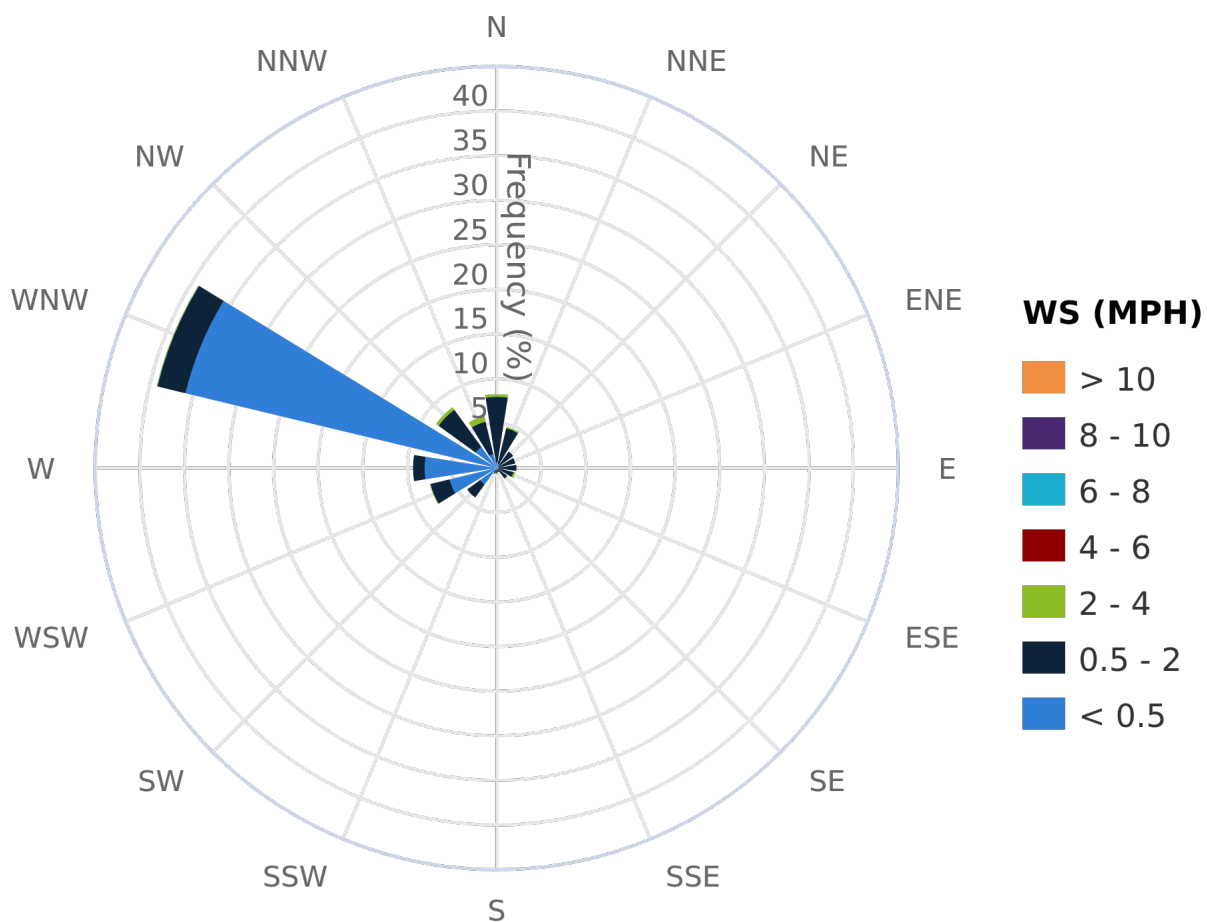


Figure 3 : Wind Rose Chart (WS in MPH)



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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	11.0	9.6	12.0	8.4	5.5	6.0	3.3	4.2	-0.059	0.000	0.000	0.000
00:15:00	10.9	9.8	11.1	8.4	5.1	5.8	3.5	3.8	-0.059	0.000	0.000	0.000
00:30:00	10.0	9.9	11.7	9.1	4.8	5.9	3.7	3.9	-0.059	0.001	0.000	0.000
00:45:00	9.8	9.9	11.4	8.7	4.5	5.9	3.6	3.5	-0.058	0.000	0.000	0.000
01:00:00	9.7	9.6	10.5	8.2	4.0	6.0	3.4	3.5	-0.055	0.000	0.000	0.000
01:15:00	9.0	9.4	10.7	8.4	3.7	5.6	3.5	3.5	-0.055	0.000	0.000	0.000
01:30:00	9.1	9.5	9.6	8.2	3.7	5.4	3.4	3.3	-0.053	0.000	0.000	0.000
01:45:00	9.7	8.5	11.1	9.1	3.9	4.7	3.5	3.5	-0.045	0.000	0.000	0.000
02:00:00	9.0	8.2	9.9	8.9	3.9	4.5	3.7	3.5	-0.047	0.000	0.000	0.000
02:15:00	9.8	8.2	11.0	9.1	4.2	4.5	3.5	3.4	-0.050	0.000	0.000	0.000
02:30:00	9.3	7.8	11.2	9.8	3.9	4.2	3.7	3.5	-0.049	0.000	0.000	0.000
02:45:00	8.0	7.1	10.2	9.1	3.6	3.7	3.9	3.9	-0.048	0.000	0.000	0.000
03:00:00	9.5	7.4	11.1	9.5	4.0	3.6	3.7	4.0	-0.050	0.000	0.000	0.000
03:15:00	9.3	7.5		9.8	4.0	3.4	3.8		-0.046	0.000	0.000	
03:30:00	8.8	6.8		10.0	4.0	3.2	3.9		-0.048	0.000	0.000	
03:45:00	8.9	6.1		9.9	4.1	3.0	3.9		-0.044	0.000	0.000	
04:00:00	10.0	6.1		10.1	4.5	3.0	4.2		-0.044	0.001	0.000	
04:15:00	10.0	6.1		9.4	4.6	3.0	4.3		-0.043	0.000	0.000	
04:30:00	8.9	5.7		9.6	4.6	2.8	4.3		-0.040	0.000	0.000	
04:45:00	9.6	5.8		9.5	4.8	2.8	4.5		-0.039	0.000	0.000	
05:00:00	9.4	5.8		8.8	4.5	2.8	4.1		-0.038	0.000	0.000	
05:15:00	9.6	5.3		8.2	4.4	2.8	3.8		-0.038	0.000	0.000	
05:30:00	8.2	5.2		8.6	4.1	2.6	4.1		-0.034	0.000	0.000	
05:45:00	8.7	5.3		12.3	4.1	2.6	5.1		-0.032	0.000	0.000	
06:00:00	8.3	5.9		14.1	3.8	2.6	5.3		-0.033	0.000	0.000	
06:15:00	8.7	6.3		11.7	3.9	2.8	4.9		-0.031	0.001	0.000	
06:30:00	8.7	5.7		9.9	4.0	2.7	4.4		-0.027	0.000	0.000	
06:45:00	9.6	6.9		11.4	4.1	3.0	4.6		-0.030	0.000	0.000	
07:00:00	9.7	6.2		10.5	3.9	2.7	4.4		-0.031	0.000	0.000	
07:15:00	11.0	8.1		10.7	4.1	3.4	4.2		-0.030	0.000	0.000	
07:30:00	45.4	8.1		10.0	7.4	3.5	4.0		-0.028	0.001	0.000	
07:45:00	12.3	7.3		10.3	5.0	3.2	4.1		-0.030	0.001	0.000	
08:00:00	10.9	7.6		10.4	4.6	3.3	4.1		-0.033	0.001	0.000	
08:15:00	13.7	12.4		15.8	4.9	5.8	5.3		-0.038	0.001	0.000	
08:30:00	11.3	6.3		14.6	5.1	3.2	5.1		-0.046	0.001	0.000	
08:45:00	11.1	6.6		8.4	5.1	3.3	3.8		-0.053	0.000	0.000	
09:00:00	9.3	6.4		7.3	3.8	3.2	3.3		-0.061	0.001	0.000	
09:15:00	9.3	5.8		7.1	3.4	2.9	3.2		-0.061	0.000	0.000	
09:30:00	12.0	5.9		7.4	3.7	2.8	3.3		-0.052	0.001	0.000	
09:45:00	7.3	5.7	8.2	6.8	3.0	2.7	3.1	5.0	-0.046	0.001	0.000	0.097
10:00:00	8.4	5.9	7.0	6.9	3.0	2.7	2.8	3.7	-0.036	0.000	0.000	0.000
10:15:00	8.0	4.7		6.1	2.8	2.3	2.5		-0.029	-0.001	0.000	
10:30:00	30.0	4.3	7.4	5.9	4.2	2.1	2.4	3.5	-0.017	-0.001	0.000	0.055
10:45:00	6.5	4.7	6.2	5.8	2.5	2.3	2.5	3.1	-0.011	0.000	0.000	0.001
11:00:00	22.7	4.5		6.2	3.9	2.2	2.6		-0.006	0.000	0.000	
11:15:00	5.8	4.4	6.7	6.8	2.5	2.2	2.7	3.4	0.003	0.000	0.000	0.020
11:30:00	5.7	4.3	5.9	5.4	2.5	2.2	2.4	2.8	0.011	-0.001	0.000	0.000
11:45:00	5.5	4.0	5.6	4.9	2.3	2.1	2.3	2.7	0.025	0.001	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	7.7	4.2		5.4	2.5	2.2	2.4		0.030	0.000	0.000	
12:15:00	5.5	4.2	4.5	5.3	2.4	2.1	2.4	2.3	0.034	0.000	0.000	0.008
12:30:00	5.1	3.9	5.4	5.7	2.2	2.0	2.4	2.6	0.042	0.000	0.000	0.015
12:45:00	16.9	3.7	4.7	7.2	3.1	1.9	2.9	2.3	0.042	0.000	0.000	0.000
13:00:00	5.1	3.8	4.9	4.9	2.1	2.0	2.1	2.2	0.032	0.000	0.000	0.007
13:15:00	5.3	4.0	4.9	6.5	2.3	2.1	2.5	2.2	0.015	0.000	0.000	0.007
13:30:00	9.0	4.5	4.9	5.0	2.4	2.4	2.3	2.2	0.004	0.000	0.000	0.005
13:45:00	5.2	4.3	4.6	4.8	2.2	2.2	2.2	2.0	-0.032	0.000	0.000	0.000
14:00:00	29.2	4.2	4.6	4.9	5.0	2.1	2.2	2.0	-0.075	0.000	0.000	0.000
14:15:00	5.3	4.3	4.8	5.1	2.2	2.1	2.3	2.1	-0.113	0.000	0.000	0.000
14:30:00	5.5	4.3	5.0	5.7	2.4	2.2	2.6	2.3	-0.161	0.000	0.000	0.000
14:45:00	5.8	4.8	5.4	5.6	2.5	2.5	2.7	2.5	-0.188	0.001	0.000	0.000
15:00:00	31.1	4.6	5.0	5.5	5.2	2.6	2.8	2.5	-0.239	0.000	0.000	0.000
15:15:00	5.6	4.6	7.0	5.4	2.5	2.4	2.7	2.5	-0.262	0.000	0.000	0.000
15:30:00	5.3	4.3	4.7	5.0	2.3	2.2	2.5	2.2	-0.288	0.000	0.000	0.000
15:45:00	7.2	4.2	5.1	5.3	2.4	2.2	2.5	2.3	-0.298	0.000	0.000	0.000
16:00:00	5.6	4.5	5.2	7.1	2.4	2.2	2.9	2.5	-0.299	0.000	0.000	0.000
16:15:00	6.1	4.4	5.7	6.2	2.5	2.3	2.8	2.5	-0.289	0.000	0.000	0.000
16:30:00	5.9	4.5	5.4	6.0	2.4	2.2	2.6	2.4	-0.278	0.001	0.000	0.000
16:45:00	46.0	4.7	5.7	5.6	7.5	2.2	2.6	2.5	-0.263	0.000	0.000	0.000
17:00:00	7.4	4.4	5.7	5.7	2.5	2.1	2.6	2.5	-0.250	0.000	0.000	0.000
17:15:00	5.8	4.7	5.9	5.7	2.3	2.1	2.5	2.6	-0.243	-0.001	0.000	0.000
17:30:00	23.1	4.8	6.9	6.7	4.0	2.2	3.1	3.3	-0.231	0.000	0.000	0.000
17:45:00	6.2	5.2	6.7	6.5	2.4	2.3	2.8	2.8	-0.210	-0.001	0.000	0.000
18:00:00	6.6	5.1	10.3	7.3	2.6	2.4	3.3	3.9	-0.159	0.000	0.000	0.000
18:15:00	31.1	5.6	7.8	7.5	5.4	2.8	3.4	3.5	-0.102	0.000	0.000	0.000
18:30:00	7.1	6.8	8.4	8.2	2.8	3.4	3.2	3.6	-0.049	-0.001	0.000	0.001
18:45:00	9.4	6.6	8.6	7.0	3.0	3.3	3.0	4.0	-0.022	0.000	0.000	0.001
19:00:00	27.2	7.0	11.5	7.7	5.2	3.8	3.1	5.4	0.000	0.000	0.000	0.002
19:15:00	7.7	6.3	9.5	7.6	3.2	3.1	3.5	4.5	0.008	0.000	0.000	0.002
19:30:00	88.4	6.6	10.7	10.0	12.1	3.1	4.6	5.4	0.012	0.000	0.007	0.003
19:45:00	7.7	6.8	10.3	10.6	3.1	3.5	4.7	5.1	0.007	0.001	0.013	0.000
20:00:00	7.7	6.5	12.9	8.7	3.3	3.3	3.7	5.5	0.001	-0.001	0.011	0.000
20:15:00	7.9	6.6	13.5	8.9	3.3	3.3	3.7	5.0	-0.008	0.000	0.011	0.000
20:30:00	7.9	6.2	11.0	9.6	3.3	3.1	4.0	4.7	-0.020	0.000	0.012	0.000
20:45:00	7.7	5.9	10.4	9.3	3.3	3.0	3.8	4.4	-0.027	0.000	0.018	0.000
21:00:00	23.2	6.3	9.6	9.0	5.2	3.1	3.7	4.2	-0.036	0.000	0.011	0.000
21:15:00	50.7	6.4	9.1	8.4	9.0	3.0	4.0	4.1	-0.044	0.000	0.005	0.000
21:30:00	8.7	6.6	10.0	7.7	3.6	3.1	3.7	4.4	-0.051	0.000	0.004	0.000
21:45:00	9.0	6.3	11.6	7.7	3.8	3.2	3.5	4.0	-0.054	0.000	0.001	0.000
22:00:00	9.4	7.1	14.5	8.8	4.2	3.6	3.6	4.7	-0.059	0.000	0.000	0.000
22:15:00	9.4	6.7	10.8	10.1	4.1	3.2	3.8	4.0	-0.062	0.000	0.000	0.000
22:30:00	9.7	6.9	10.6	10.2	4.4	3.5	3.9	4.6	-0.063	-0.001	0.000	0.000
22:45:00	9.7	7.5	9.6	8.9	4.2	3.7	3.7	4.0	-0.065	-0.001	0.000	0.000
23:00:00	9.6	7.9	10.8	8.6	4.1	3.9	3.7	4.1	-0.067	0.000	0.000	0.000
23:15:00	9.1	8.1	13.0	8.3	3.9	4.1	3.6	4.7	-0.067	0.000	0.000	0.000
23:30:00	9.5	8.2	12.8	8.5	3.9	4.3	3.6	4.1	-0.069	0.001	0.000	0.000
23:45:00	9.1	8.1	13.2	9.3	3.9	4.4	3.5	4.4	-0.070	0.000	0.000	0.000



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