



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-09-08

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0 Max : 10.13	2943 ESE	2995 NNE	2996 ESE	2997 N	Min : 71.78 Max : 96.80	Min : 56.40 Max : 94.00	Min : 29.92 Max : 30.08

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)
2943	15.8	68.7	6.1	14.4	-0.011	0.081
2995	13.3	23.4	7.3	14.9	0.011	0.071
2996	13.2	22.3	6.2	12.4	0.001	0.012
2997	14.3	25.6	7.3	11.5	0.010	0.067

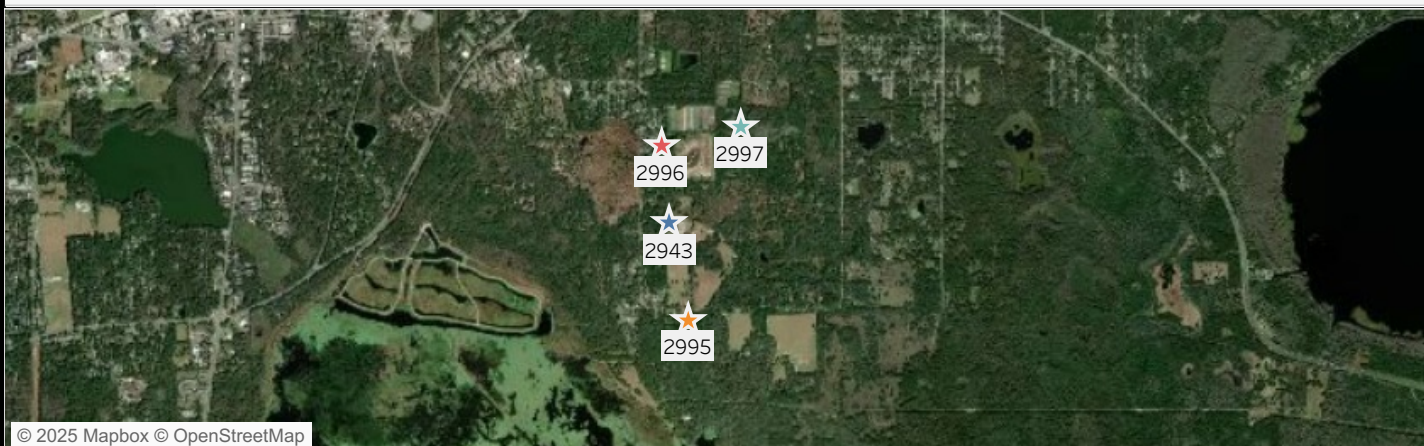


Figure 1 : Monitoring Locations

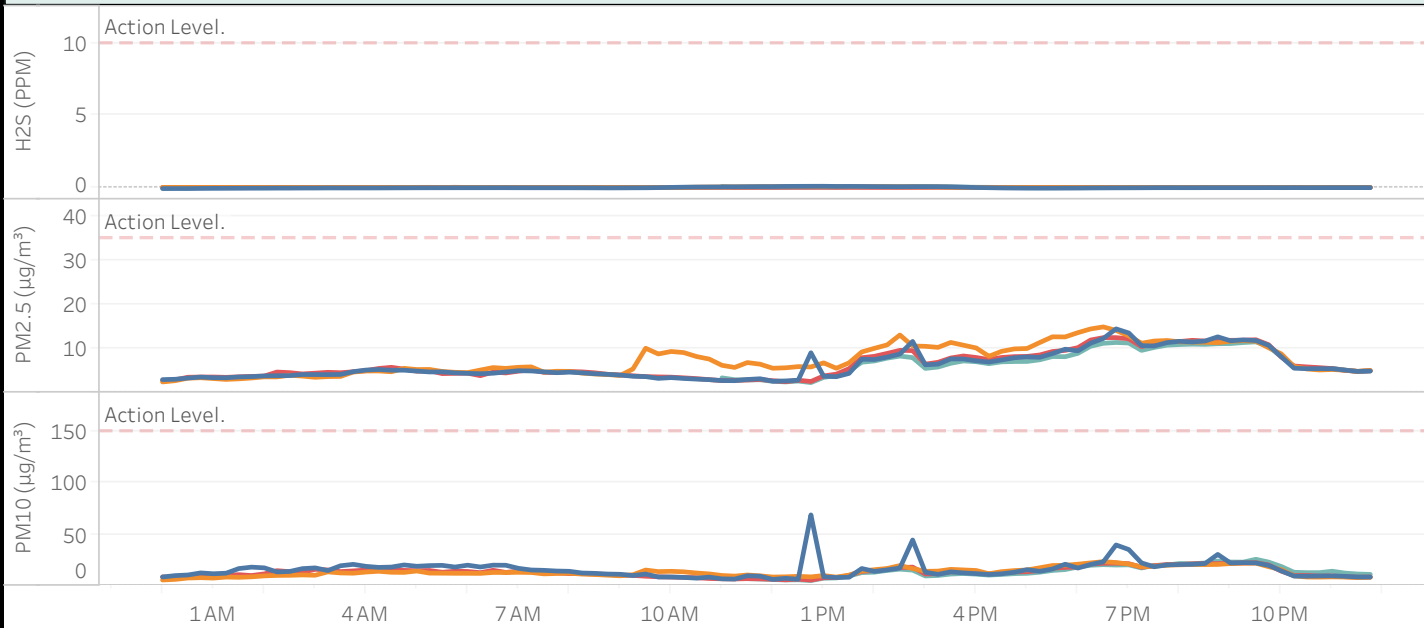


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2995 ■ 2996 ■ 2997



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Wind Rose Chart 2943

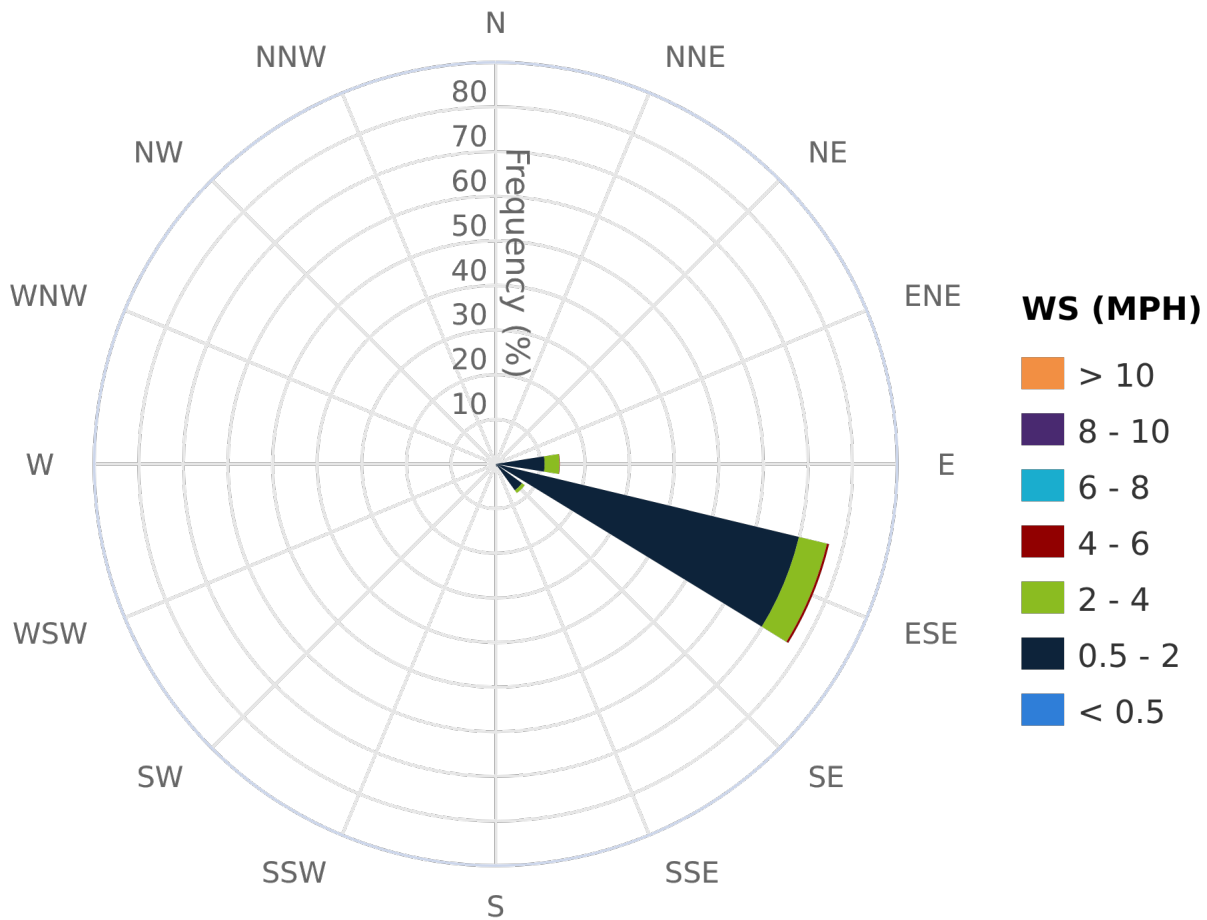


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2995

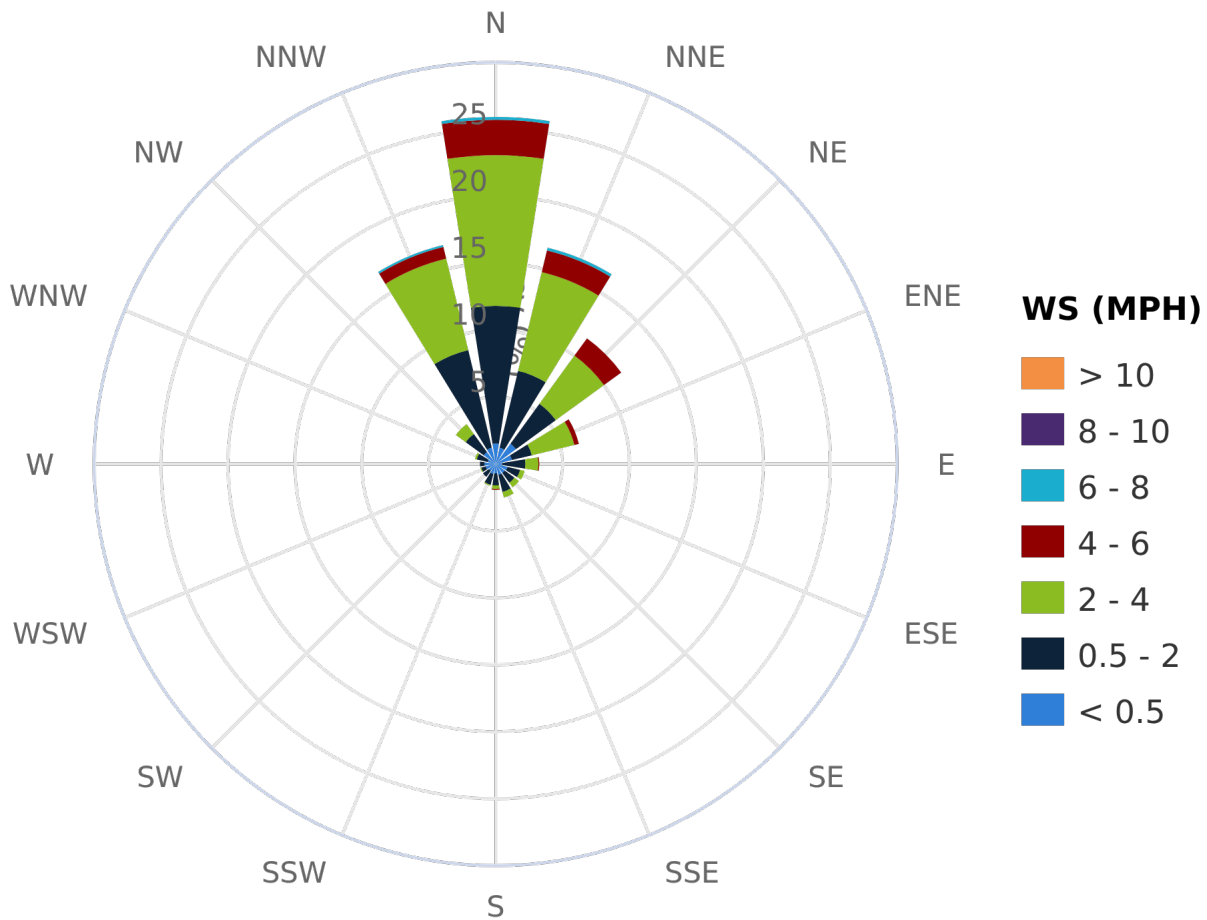


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

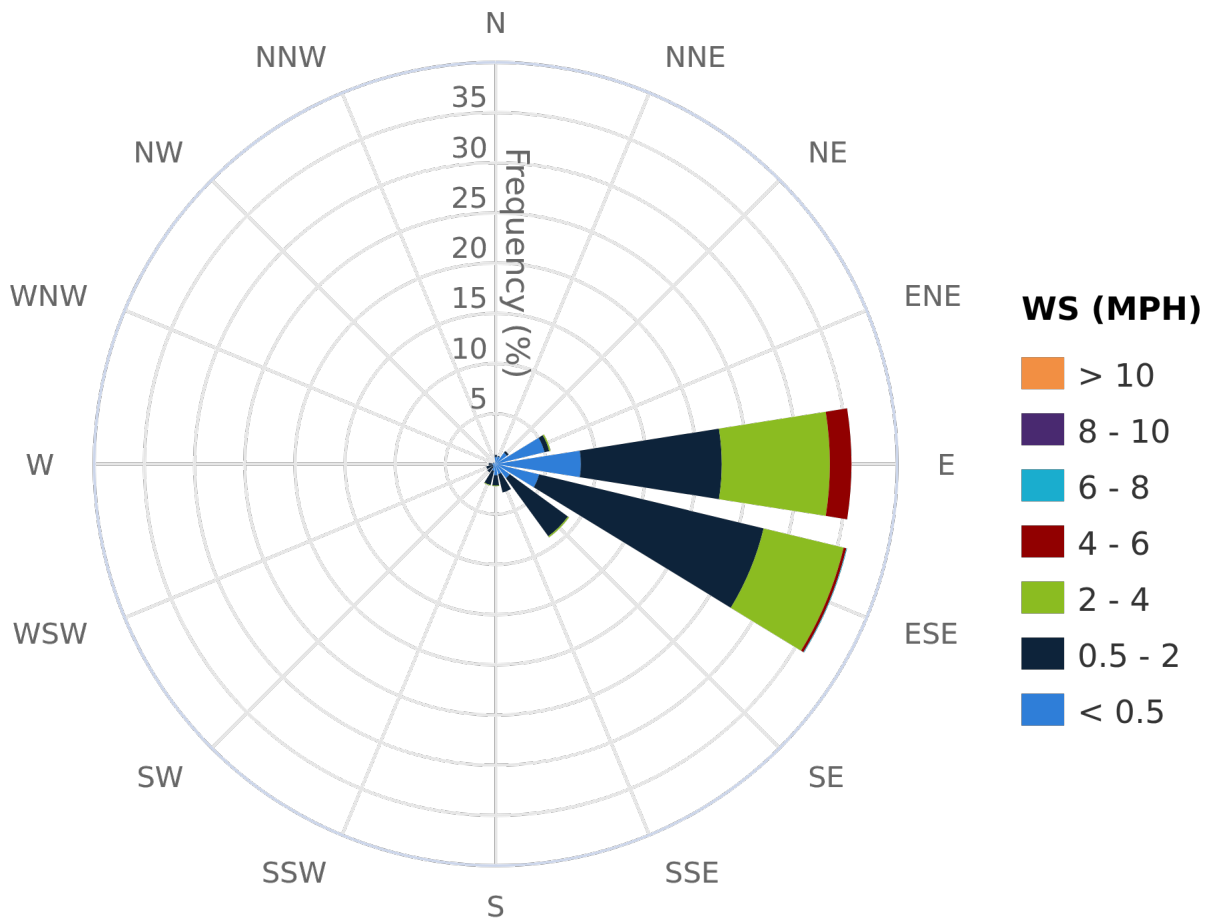


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

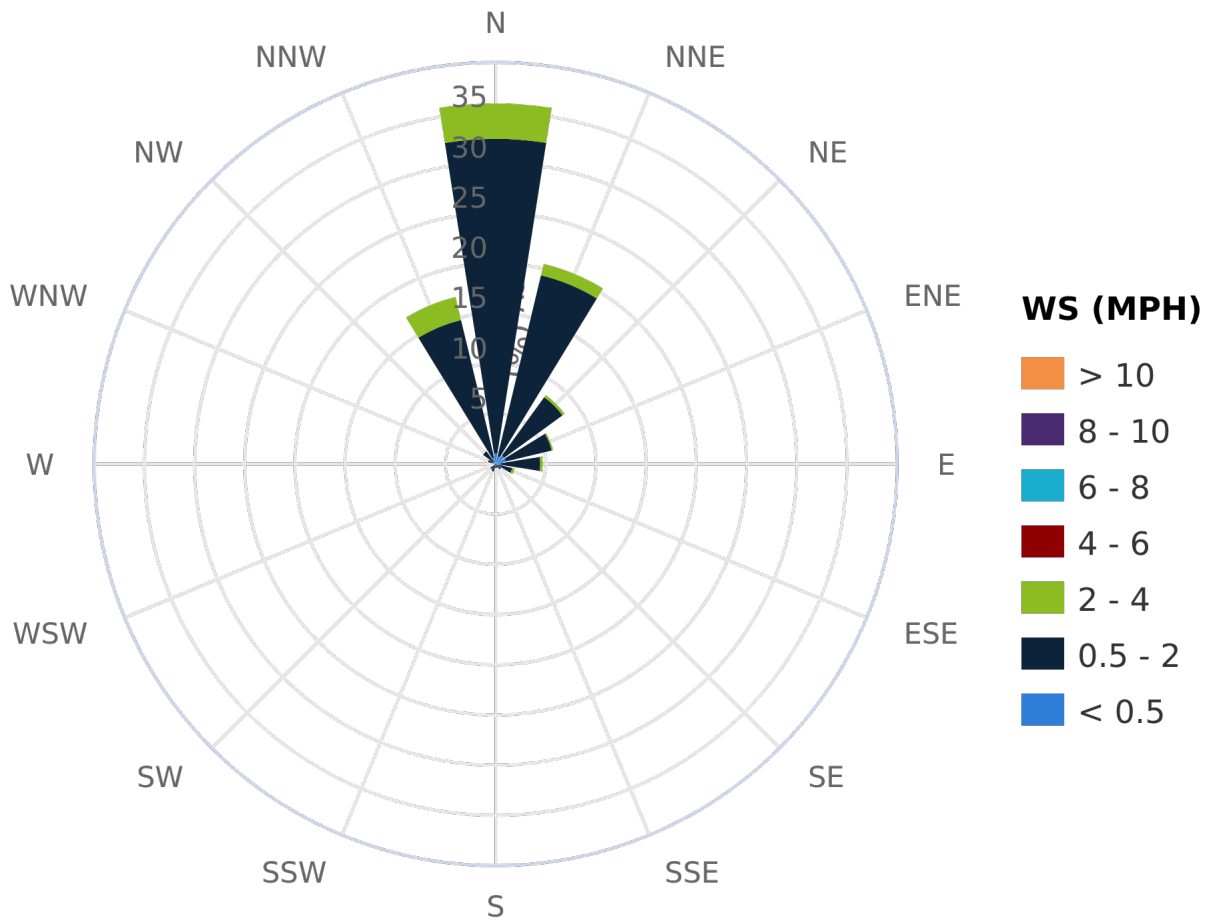


Figure 3 : Wind Rose Chart (WS in MPH)



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Table 3 : 15 Minute Average Concentrations (AM)

	Avg. 2943 - PM10 (µg/m³)	Avg. 2995 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 2995 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 2995 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
00:00:00	8.5	5.6		8.6	2.9	2.4	2.7		-0.081	0.000	0.000	
00:15:00	9.9	6.2		8.1	3.0	2.7	2.9		-0.078	0.000	0.000	
00:30:00	10.4	7.5		9.5	3.3	3.3	3.5		-0.078	0.000	0.000	
00:45:00	12.5	7.8		9.4	3.5	3.4	3.5		-0.069	0.000	0.000	
01:00:00	11.6	7.4		10.3	3.4	3.2	3.5		-0.064	0.000	0.000	
01:15:00	12.2	8.4		10.1	3.4	3.0	3.5		-0.061	0.000	0.000	
01:30:00	16.7	8.2		10.8	3.5	3.1	3.6		-0.057	0.000	0.000	
01:45:00	18.0	8.7		9.9	3.6	3.3	3.7		-0.053	0.000	0.000	
02:00:00	17.4	9.6		11.5	3.8	3.6	3.7		-0.052	0.000	0.000	
02:15:00	13.4	10.0		14.6	3.8	3.6	4.7		-0.047	0.000	0.001	
02:30:00	13.8	10.1		13.7	3.9	3.9	4.5		-0.047	0.000	0.000	
02:45:00	16.6	10.5		13.0	4.1	3.7	4.2		-0.042	0.000	0.000	
03:00:00	17.3	10.2		15.9	4.1	3.5	4.4		-0.042	0.000	0.001	
03:15:00	14.7	13.5		15.3	4.1	3.6	4.6		-0.036	0.000	0.005	
03:30:00	19.4	12.4		13.7	4.1	3.7	4.5		-0.037	0.000	0.000	
03:45:00	20.7	12.2		14.4	4.7	4.7	4.7		-0.038	0.000	0.000	
04:00:00	18.8	13.3		15.2	5.1	4.9	5.0		-0.037	0.000	0.000	
04:15:00	17.8	14.0		16.1	5.2	4.9	5.5		-0.035	0.000	0.000	
04:30:00	18.1	13.1		15.0	5.1	4.7	5.7		-0.032	0.000	0.001	
04:45:00	20.2	13.0		14.9	5.1	5.5	5.3		-0.029	0.000	0.001	
05:00:00	18.9	14.3		14.6	4.9	5.2	4.9		-0.026	0.000	0.006	
05:15:00	19.5	12.3		14.8	4.7	5.2	5.0		-0.024	0.000	0.007	
05:30:00	19.8	12.2		13.1	4.7	4.8	4.3		-0.023	0.000	0.001	
05:45:00	18.1	12.1		14.1	4.5	4.6	4.4		-0.022	0.000	0.010	
06:00:00	19.9	12.1		13.8	4.4	4.5	4.4		-0.022	0.000	0.002	
06:15:00	18.2	12.0		12.7	4.3	5.1	3.8		-0.021	0.000	0.002	
06:30:00	20.0	12.9		15.0	4.4	5.7	4.7		-0.020	0.000	0.002	
06:45:00	19.9	12.9		13.0	4.7	5.5	4.5		-0.020	0.000	0.000	
07:00:00	16.9	13.0		14.2	5.0	5.7	4.9		-0.023	0.000	0.000	
07:15:00	15.3	12.9		14.1	4.9	5.8	5.2		-0.024	0.000	0.000	
07:30:00	15.0	11.5		12.7	4.7	4.6	4.6		-0.024	0.000	0.000	
07:45:00	14.3	11.9		12.6	4.5	4.8	4.5		-0.024	0.000	0.000	
08:00:00	14.0	12.1		11.7	4.6	4.8	4.8		-0.025	0.000	0.000	
08:15:00	12.4	11.3		11.9	4.5	4.4	4.7		-0.027	0.000	0.000	
08:30:00	12.0	10.9		11.4	4.3	4.2	4.5		-0.029	0.000	0.000	
08:45:00	11.4	10.3		10.9	4.1	4.1	4.2		-0.033	0.000	0.000	
09:00:00	11.1	9.7		10.4	4.0	3.9	4.0		-0.032	0.000	0.000	
09:15:00	9.9	10.7		10.0	3.7	5.3	3.8		-0.027	0.000	0.000	
09:30:00	11.3	15.2		9.2	3.6	10.0	3.6		-0.024	0.000	0.000	
09:45:00	8.5	13.7		8.7	3.2	8.7	3.6		-0.013	0.000	0.000	
10:00:00	8.5	14.0		8.4	3.4	9.3	3.5		0.003	0.000	0.000	
10:15:00	8.1	13.5		8.1	3.2	9.1	3.3		0.018	0.004	0.000	
10:30:00	7.4	12.4		7.8	3.1	8.2	3.2		0.028	0.018	0.000	
10:45:00	8.4	11.5		7.0	2.9	7.6	2.9		0.031	0.026	0.000	
11:00:00	6.7	10.0	8.3	6.7	2.7	6.2	2.7	3.3	0.035	0.031	0.001	0.067
11:15:00	6.5	9.4	7.2	6.6	2.7	5.7	2.8	2.9	0.045	0.040	0.004	0.005
11:30:00	9.7	10.4	6.9	6.9	3.0	6.8	2.9	2.9	0.052	0.045	0.006	0.000
11:45:00	9.3	9.6	6.5	6.7	3.1	6.4	3.0	2.9	0.058	0.050	0.008	0.000



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	Avg. 2943 - PM10 (µg/m³)	Avg. 2995 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 2995 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 2995 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
12:00:00	6.2	8.5	6.0	6.3	2.6	5.5	2.7	2.6	0.058	0.056	0.009	0.000
12:15:00	7.2	8.7	5.6	5.8	2.6	5.6	2.5	2.4	0.069	0.064	0.010	0.000
12:30:00	6.4	9.1	5.8	6.4	2.8	5.9	2.8	2.6	0.076	0.069	0.012	0.000
12:45:00	68.7	8.6	5.0	5.5	9.0	5.8	2.5	2.3	0.079	0.071	0.012	0.008
13:00:00	8.6	9.9	7.3	7.8	3.7	6.7	3.8	3.4	0.081	0.068	0.012	0.012
13:15:00	8.0	8.4	7.6	8.0	3.6	5.5	4.2	3.9	0.069	0.066	0.006	0.012
13:30:00	8.3	10.3	9.5	10.0	4.3	6.7	5.4	4.9	0.071	0.068	0.004	0.033
13:45:00	16.7	14.3	12.7	14.0	7.6	9.2	7.9	6.9	0.066	0.055	0.001	0.037
14:00:00	13.9	15.6	13.2	14.7	7.5	10.0	8.2	7.2	0.057	0.055	0.000	0.044
14:15:00	15.4	16.8	14.8	16.1	8.0	10.8	8.9	7.8	0.052	0.048	0.000	0.052
14:30:00	17.2	19.6	16.1	17.6	8.7	13.0	9.6	8.3	0.047	0.045	0.000	0.048
14:45:00	44.3	16.7	15.1	18.1	11.6	10.5	9.5	7.9	0.054	0.045	0.000	0.050
15:00:00	13.1	14.0	9.5	11.4	6.3	10.5	6.4	5.5	0.056	0.038	0.001	0.055
15:15:00	11.0	14.2	10.0	11.7	6.4	10.2	6.9	5.8	0.052	0.035	0.005	0.049
15:30:00	13.5	15.9	11.3	13.5	7.6	11.3	7.8	6.6	0.041	0.016	0.003	0.039
15:45:00	12.4		11.9	13.8	7.6		8.3	7.2	0.019	0.002	0.000	0.024
16:00:00	11.8	14.8	11.2	13.0	7.2	10.1	7.9	7.0	-0.005	0.000	0.000	0.013
16:15:00	10.9	11.7	10.3	11.6	6.9	8.2	7.5	6.5	-0.020	0.000	0.000	0.008
16:30:00	11.6	13.7	11.0	12.5	7.4	9.3	7.9	7.0	-0.036	0.000	0.000	0.002
16:45:00	13.1	14.7	11.7	13.4	7.9	9.9	8.1	7.0	-0.044	0.000	0.000	0.000
17:00:00	15.6	15.3	12.0	13.6	8.1	10.0	8.2	7.0	-0.050	0.000	0.000	0.000
17:15:00	14.0	17.4	13.1	14.8	8.0	11.3	8.5	7.4	-0.053	0.000	0.000	0.000
17:30:00	16.2	19.6	14.8	17.0	8.8	12.6	9.3	8.2	-0.052	0.000	0.000	0.000
17:45:00	20.9	19.8	15.7	17.8	9.8	12.6	9.5	8.1	-0.047	0.000	0.000	0.000
18:00:00	17.1	20.9	18.1	18.3	9.4	13.6	10.2	8.9	-0.045	0.000	0.000	0.000
18:15:00	20.7	22.2	19.8	21.0	11.2	14.4	11.9	10.5	-0.037	0.000	0.000	0.000
18:30:00	23.2	23.4	20.5	21.8	12.2	14.9	12.4	11.2	-0.033	0.000	0.000	0.000
18:45:00	39.5	22.5	20.1	21.9	14.4	14.1	12.4	11.3	-0.028	0.000	0.000	0.000
19:00:00	35.1	21.0	20.2	21.4	13.5	12.8	12.2	11.2	-0.027	0.000	0.000	0.000
19:15:00	22.2	18.3	17.2	17.9	10.6	11.2	10.4	9.5	-0.024	0.000	0.000	0.000
19:30:00	18.4	19.0	19.8	19.4	10.5	11.7	11.1	10.2	-0.019	0.000	0.000	0.000
19:45:00	20.2	20.0	20.1	20.6	11.3	11.8	11.6	10.7	-0.017	0.000	0.000	0.000
20:00:00	20.5	20.3	21.6	20.6	11.6	11.5	11.5	10.9	-0.018	0.000	0.000	0.000
20:15:00	20.8	20.6	21.4	21.2	11.5	11.4	11.8	11.0	-0.019	0.000	0.000	0.000
20:30:00	21.5	20.5	22.0	21.5	11.7	11.4	11.7	10.9	-0.017	0.000	0.000	0.000
20:45:00	30.4	20.7	23.9	21.5	12.6	11.3	11.8	11.1	-0.016	0.000	0.000	0.000
21:00:00	22.0	21.5	23.0	21.9	11.7	11.6	11.8	11.1	-0.016	0.000	0.000	0.000
21:15:00	22.4	21.9	22.9	22.0	11.9	11.8	11.8	11.3	-0.017	0.000	0.000	0.000
21:30:00	22.1	21.9	25.6	22.3	11.8	11.6	12.0	11.5	-0.017	0.000	0.000	0.000
21:45:00	19.8	18.5	23.0	20.1	10.7	10.1	10.8	10.4	-0.014	0.000	0.000	0.000
22:00:00	14.5	15.6	18.6	14.2	8.1	8.8	8.0	8.1	-0.016	0.000	0.000	0.000
22:15:00	9.4	9.6	13.1	10.0	5.5	5.9	6.0	5.8	-0.014	0.000	0.000	0.000
22:30:00	9.3	8.5	12.7	10.0	5.4	5.4	5.8	5.6	-0.017	0.000	0.000	0.000
22:45:00	9.5	8.4	12.7	9.3	5.4	5.1	5.6	5.4	-0.016	0.000	0.000	0.000
23:00:00	9.6	8.6	14.1	9.5	5.4	5.2	5.4	5.5	-0.014	0.000	0.000	0.000
23:15:00	9.1	8.5	12.3	8.7	5.1	5.1	5.0	5.1	-0.015	0.000	0.000	0.000
23:30:00	8.5	7.9	11.4	8.3	4.8	4.8	4.8	4.8	-0.014	0.000	0.000	0.000
23:45:00	8.5	8.2	11.0	8.5	4.9	5.0	4.9	4.9	-0.015	0.000	0.000	0.000



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