



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-05-31

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.157 to 4.944	2943 SSE	3061 SW	2996 W	2997 NNE	Min : 71.60 Max : 98.60	Min : 50.50 Max : 96.10	Min : 29.84 Max : 30.15

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	24.3	61.5	7.7	10.5	0.006	0.045
2996	21.1	44.1	7.5	10.3	0.003	0.025
2997	23.9	62.6	7.7	11.7	0.007	0.053
3061	24.0	51.6	7.0	9.4	0.001	0.006



Figure 1 : Monitoring Locations

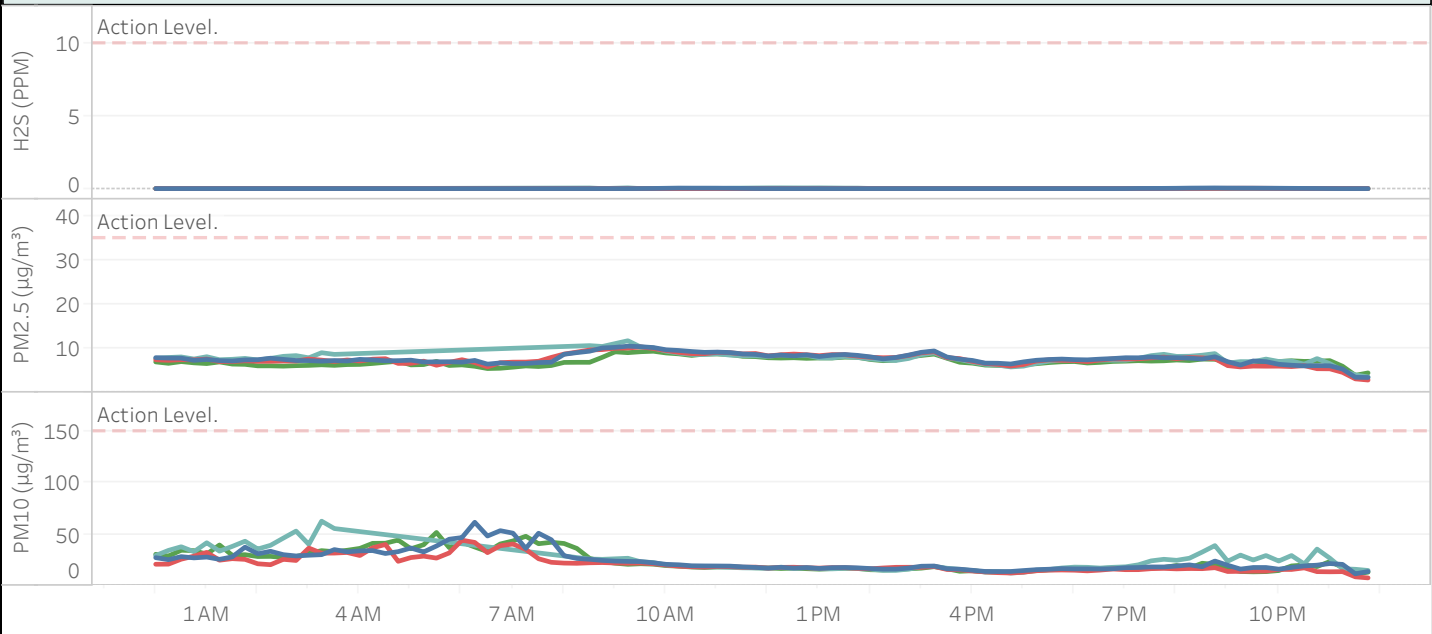


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2996 ■ 2997 ■ 3061



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Wind Rose Chart 2943

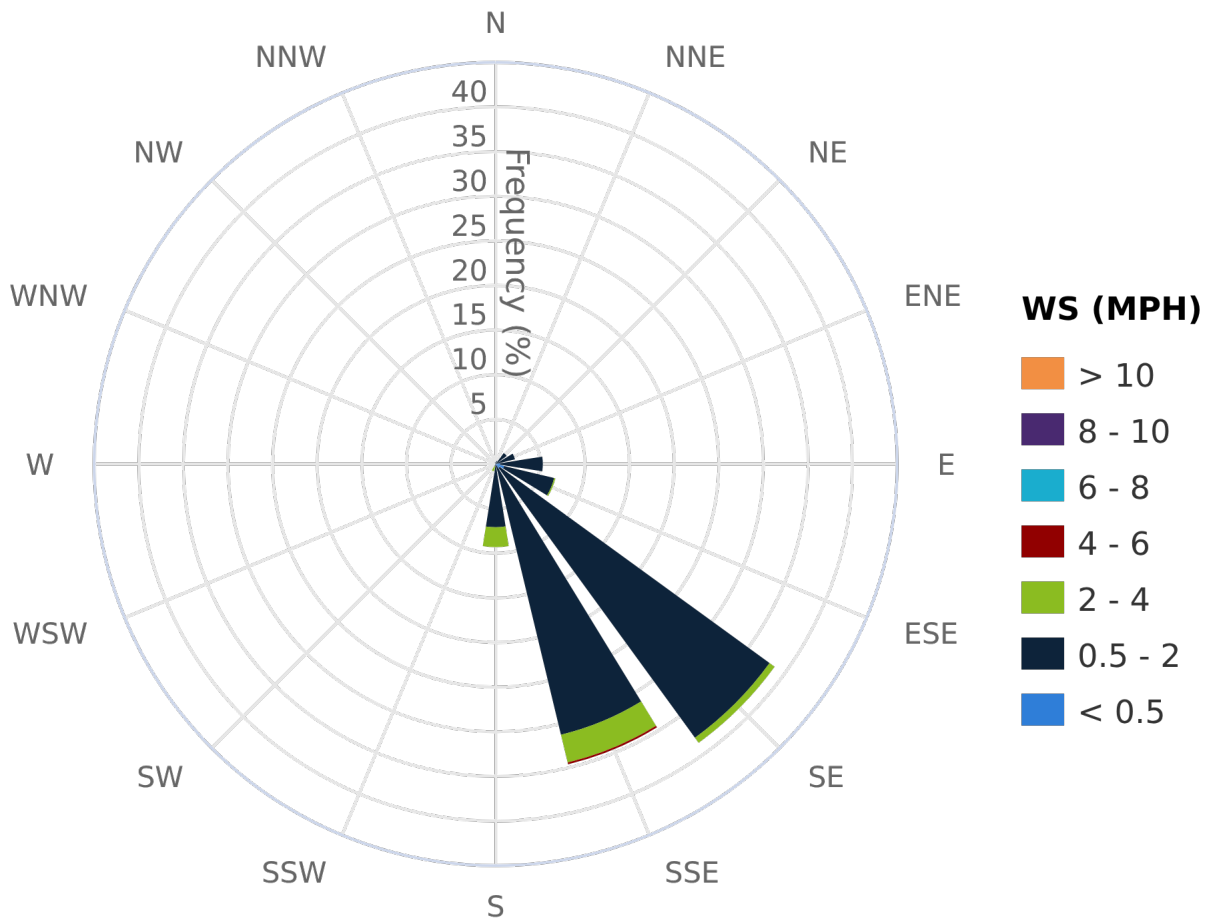


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

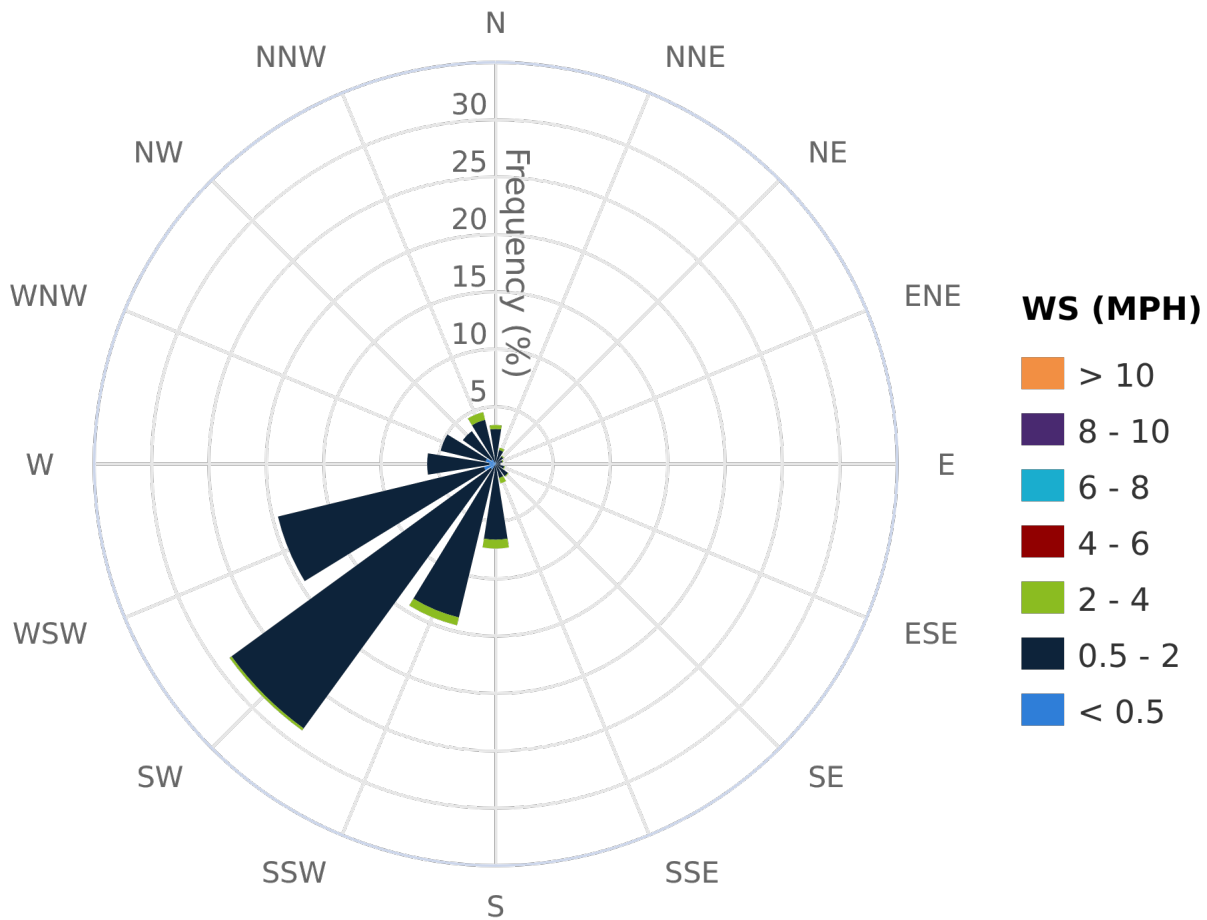


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

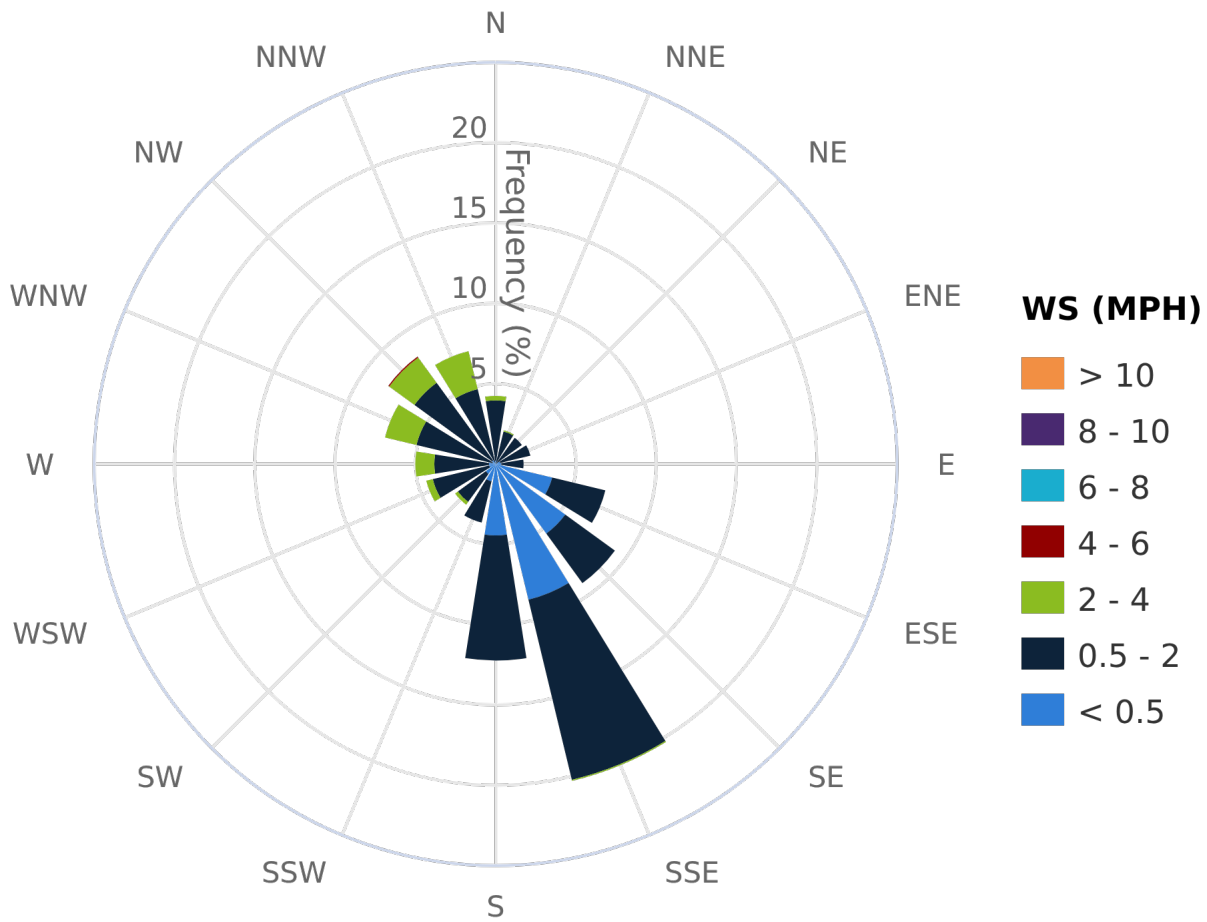


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

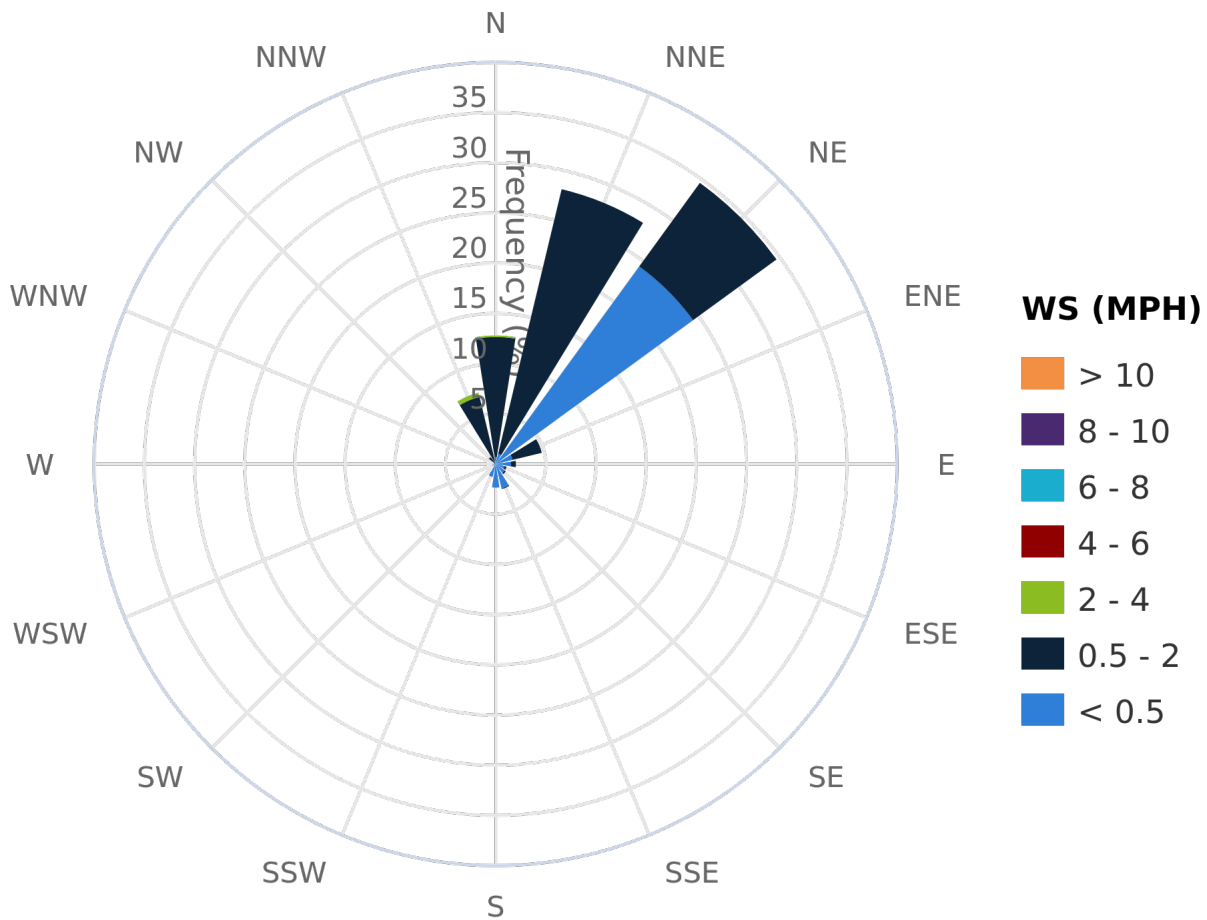


Figure 3 : Wind Rose Chart (WS in MPH)



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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	27.2	30.5	29.3	20.8	7.9	6.9	7.4	7.7	0.000	0.000	0.000	0.000
00:15:00	25.3	28.8	34.3	21.0	7.8	6.6	7.3	7.9	0.000	0.000	0.000	0.000
00:30:00	28.2	34.4	37.8	25.7	7.8	7.0	7.5	8.1	0.000	0.000	0.000	0.000
00:45:00	27.0	34.0	33.0	28.7	7.3	6.7	7.4	7.6	0.000	0.000	0.000	0.000
01:00:00	27.8	30.6	41.7	32.3	7.5	6.6	7.6	8.1	0.000	0.000	0.000	0.000
01:15:00	25.6	39.5	33.5	24.8	7.2	6.9	7.0	7.4	0.000	0.001	0.000	0.000
01:30:00	28.0	29.5	38.1	26.2	7.2	6.5	7.0	7.5	0.000	0.001	0.000	0.001
01:45:00	37.4	30.1	43.2	25.6	7.4	6.4	7.2	7.7	0.000	0.000	0.000	0.000
02:00:00	30.9	28.3	35.6	21.3	7.4	6.1	7.1	7.4	0.000	0.000	0.000	0.000
02:15:00	33.4	28.5	39.2	20.4	7.8	6.1	7.1	7.7	0.000	0.000	0.000	0.000
02:30:00	30.1	27.4	46.1	25.6	7.5	6.0	7.1	8.2	0.000	0.001	0.000	0.000
02:45:00	28.9	28.3	53.0	24.5	7.3	6.1	7.1	8.4	0.000	0.001	0.000	0.000
03:00:00	29.6	31.3	40.1	36.5	7.2	6.2	7.6	7.9	0.000	0.002	0.000	0.000
03:15:00	30.1	34.0	62.6	31.5	7.1	6.3	7.3	9.0	0.000	0.001	0.000	0.000
03:30:00	35.0	33.0	55.4	31.7	7.3	6.2	7.1	8.6	0.000	0.000	0.000	0.000
03:45:00	32.9	34.4		32.2	7.1	6.3	7.4		0.000	0.000	0.000	
04:00:00	33.8	36.2		29.3	7.5	6.4	7.2		0.000	0.000	0.000	
04:15:00	34.1	41.1		36.7	7.4	6.6	7.6		0.000	0.000	0.000	
04:30:00	31.3	41.2		40.0	7.2	6.9	7.7		0.000	0.000	0.000	
04:45:00	33.1	44.3		23.7	7.2	7.1	6.6		0.000	0.000	0.000	
05:00:00	36.6	35.8		27.3	7.3	6.3	6.6		0.000	0.000	0.000	
05:15:00	32.8	39.8		28.7	6.9	6.3	7.1		0.000	0.000	0.000	
05:30:00	38.5	51.6		26.8	7.0	7.1	6.2		0.000	0.000	0.000	
05:45:00	45.1	36.9		31.8	7.0	6.1	6.8		0.000	0.000	0.000	
06:00:00	46.7	42.2		44.1	6.9	6.3	7.4		0.000	0.000	0.000	
06:15:00	61.5	37.5		42.0	7.3	6.0	6.8		0.001	0.000	0.001	
06:30:00	48.2	33.1		32.1	6.4	5.4	5.8		0.001	0.000	0.001	
06:45:00	53.4	40.5		38.8	6.7	5.5	6.8		0.000	0.000	0.000	
07:00:00	50.9	43.4		40.4	6.6	5.8	6.9		0.000	0.000	0.000	
07:15:00	36.2	47.9		35.2	6.6	6.0	6.9		0.000	0.000	0.000	
07:30:00	50.9	40.7		26.2	6.8	5.9	7.1		0.000	0.000	0.000	
07:45:00	44.6	42.1		22.7	6.9	6.1	8.0		0.000	0.000	0.000	
08:00:00	29.1	40.9		22.0	8.7	6.8	8.7		0.000	0.000	0.000	
08:15:00	26.4	36.2		21.8	9.0	6.9	9.2		0.000	0.000	0.000	
08:30:00	25.6	26.6	25.9	22.3	9.4	6.9	9.6	10.6	0.000	0.001	0.000	0.044
08:45:00	24.6	23.6	25.6	22.5	10.1	8.0	9.7	10.4	0.000	0.000	0.000	0.003
09:00:00	23.9	21.9		22.1	10.2	9.2	10.0		0.000	0.000	0.000	
09:15:00	23.6	20.8	26.6	21.8	10.5	9.0	10.1	11.7	0.000	0.001	0.000	0.051
09:30:00	23.4	21.3	23.2	22.0	10.4	9.2	10.3	10.3	0.005	0.001	0.000	0.003
09:45:00	22.2	20.9	22.5	21.3	10.2	9.4	10.0	10.1	0.012	0.000	0.000	0.002
10:00:00	20.8	19.5	20.1	20.1	9.7	9.0	9.5	9.4	0.024	0.001	0.001	0.000
10:15:00	20.3	19.0	19.5	19.0	9.5	8.8	9.1	8.9	0.036	0.001	0.001	0.000
10:30:00	19.4	18.1	18.7	18.5	9.3	8.4	8.8	8.6	0.033	0.001	0.001	0.000
10:45:00	19.2	17.7	18.3	18.1	9.1	8.7	8.8	8.6	0.033	0.000	0.003	0.001
11:00:00	19.2	18.2	18.3	18.7	9.2	8.7	9.1	8.8	0.031	0.000	0.004	0.010
11:15:00	19.0	18.3	17.8	18.5	9.1	8.6	9.0	8.5	0.024	0.000	0.001	0.024
11:30:00	18.3	17.8	17.4	18.0	8.7	8.2	8.8	8.4	0.015	0.000	0.000	0.036
11:45:00	17.8	17.4	17.2	18.1	8.6	8.1	8.8	8.3	0.006	0.000	0.000	0.044



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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	17.1	17.2	17.0	17.1	8.3	7.9	8.3	8.2	0.002	0.000	0.000	0.051
12:15:00	17.9	16.7	18.0	17.8	8.5	7.8	8.6	8.5	0.000	0.000	0.000	0.053
12:30:00	17.1	17.1	17.1	18.0	8.3	7.9	8.7	8.3	0.000	0.000	0.000	0.049
12:45:00	17.6	16.5	17.5	17.4	8.5	7.8	8.6	8.4	0.000	0.000	0.000	0.048
13:00:00	16.8	16.1	16.5	17.1	8.2	7.8	8.3	7.9	0.000	0.000	0.000	0.051
13:15:00	17.5	16.6	16.4	17.6	8.5	7.8	8.6	7.8	0.000	0.000	0.000	0.044
13:30:00	17.7	17.0	16.9	17.5	8.6	8.0	8.6	8.2	0.000	0.000	0.000	0.035
13:45:00	17.4	16.7	16.6	16.9	8.4	8.0	8.2	7.9	0.000	0.000	0.000	0.034
14:00:00	16.7	15.5	16.1	16.4	8.1	7.5	8.0	7.6	0.000	0.000	0.000	0.011
14:15:00	16.1	15.3	14.9	17.2	7.6	7.2	7.9	7.4	0.000	0.000	0.000	0.003
14:30:00	16.1	15.6	14.9	17.9	7.9	7.4	7.9	7.3	0.000	0.000	0.000	0.000
14:45:00	17.2	16.4	16.1	17.9	8.5	8.1	8.4	7.7	0.000	0.000	0.000	0.000
15:00:00	18.9	17.1	18.5	17.9	9.1	8.4	9.0	8.6	0.000	0.000	0.000	0.000
15:15:00	19.1	18.5	18.8	18.7	9.4	8.7	9.3	9.0	0.000	0.000	0.000	0.000
15:30:00	16.5	16.5	17.0	15.8	8.1	7.8	7.9	7.9	0.000	0.000	0.000	0.000
15:45:00	16.1	14.0	15.9	15.5	7.6	6.9	7.7	7.5	0.000	0.000	0.000	0.000
16:00:00	15.0	14.6	14.7	14.3	7.3	6.7	7.1	6.9	0.000	0.000	0.000	0.000
16:15:00	13.9	13.4	13.4	13.4	6.7	6.2	6.6	6.4	0.000	0.000	0.000	0.000
16:30:00	13.8	13.2	13.6	12.7	6.6	6.2	6.4	6.2	0.000	0.000	0.000	0.000
16:45:00	13.8	13.2	12.4	12.4	6.5	6.0	6.0	5.8	0.000	0.000	0.000	0.000
17:00:00	14.8	13.7	13.0	13.1	7.0	6.3	6.4	6.0	0.000	0.000	0.000	0.000
17:15:00	15.6	14.6	15.2	14.6	7.3	6.5	7.1	6.6	0.000	0.000	0.000	0.000
17:30:00	16.0	15.4	15.7	15.1	7.5	6.8	7.4	7.1	0.000	0.000	0.000	0.000
17:45:00	16.6	15.8	17.2	15.3	7.6	7.0	7.3	7.3	0.000	0.000	0.000	0.000
18:00:00	16.4	16.5	18.1	15.1	7.5	7.0	7.3	7.3	0.000	0.000	0.000	0.000
18:15:00	16.4	15.7	17.9	14.4	7.4	6.7	7.0	7.2	0.000	0.000	0.000	0.000
18:30:00	16.3	16.7	17.1	15.2	7.6	6.8	7.4	7.4	0.000	0.000	0.000	0.000
18:45:00	16.5	17.3	17.9	16.2	7.7	7.0	7.6	7.3	0.000	0.001	0.000	0.001
19:00:00	17.5	17.8	18.4	15.6	7.9	7.1	7.6	7.3	0.003	0.003	0.000	0.000
19:15:00	17.7	17.4	20.3	15.6	7.9	7.2	7.7	7.7	0.011	0.003	0.001	0.001
19:30:00	18.2	17.4	24.1	16.6	8.0	7.1	7.9	8.4	0.014	0.004	0.006	0.001
19:45:00	18.2	17.7	25.7	16.8	7.9	7.2	8.0	8.7	0.017	0.006	0.008	0.002
20:00:00	19.2	19.7	24.7	16.4	7.9	7.4	7.7	8.2	0.023	0.005	0.013	0.003
20:15:00	20.2	17.1	26.7	16.7	7.8	7.2	7.9	8.2	0.035	0.005	0.013	0.001
20:30:00	18.4	21.8	32.6	16.6	7.6	7.6	7.9	8.5	0.039	0.005	0.014	0.001
20:45:00	24.0	20.6	38.9	17.5	8.1	7.5	7.7	8.8	0.045	0.006	0.015	0.000
21:00:00	19.9	16.4	23.8	13.8	7.0	6.8	6.1	6.7	0.037	0.005	0.022	0.001
21:15:00	16.2	13.8	29.7	14.0	6.2	6.2	5.8	7.0	0.034	0.004	0.025	0.000
21:30:00	17.7	13.5	24.9	14.1	7.2	6.3	6.0	7.0	0.033	0.004	0.025	0.000
21:45:00	17.7	13.7	29.3	14.2	7.0	6.3	6.0	7.6	0.028	0.003	0.022	0.000
22:00:00	16.1	14.7	24.0	15.8	6.4	7.0	6.0	7.0	0.025	0.003	0.016	0.000
22:15:00	17.8	19.2	29.3	15.8	6.2	7.2	5.9	7.2	0.019	0.002	0.015	0.000
22:30:00	19.2	20.1	21.1	17.3	6.0	7.1	6.1	6.4	0.015	0.002	0.012	0.000
22:45:00	20.0	18.6	35.5	13.7	6.1	7.1	5.4	7.7	0.010	0.001	0.011	0.000
23:00:00	21.5	23.4	26.7	13.5	6.1	7.2	5.4	6.6	0.004	0.000	0.009	0.000
23:15:00	20.7	18.0	16.5	13.7	5.3	6.0	4.6	4.9	0.000	0.000	0.006	0.000
23:30:00	11.6	11.3	16.0	8.7	3.5	3.9	3.1	4.0	0.000	0.000	0.003	0.000
23:45:00	13.8	13.2	14.8	7.6	3.4	4.5	2.8	3.5	0.000	0.000	0.002	0.000



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

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