



# DAILY AIR MONITORING REPORT

## Florence C&D Landfill – Air Monitoring

Date : 2026-06-20

**Table 1 : Weather Summary**

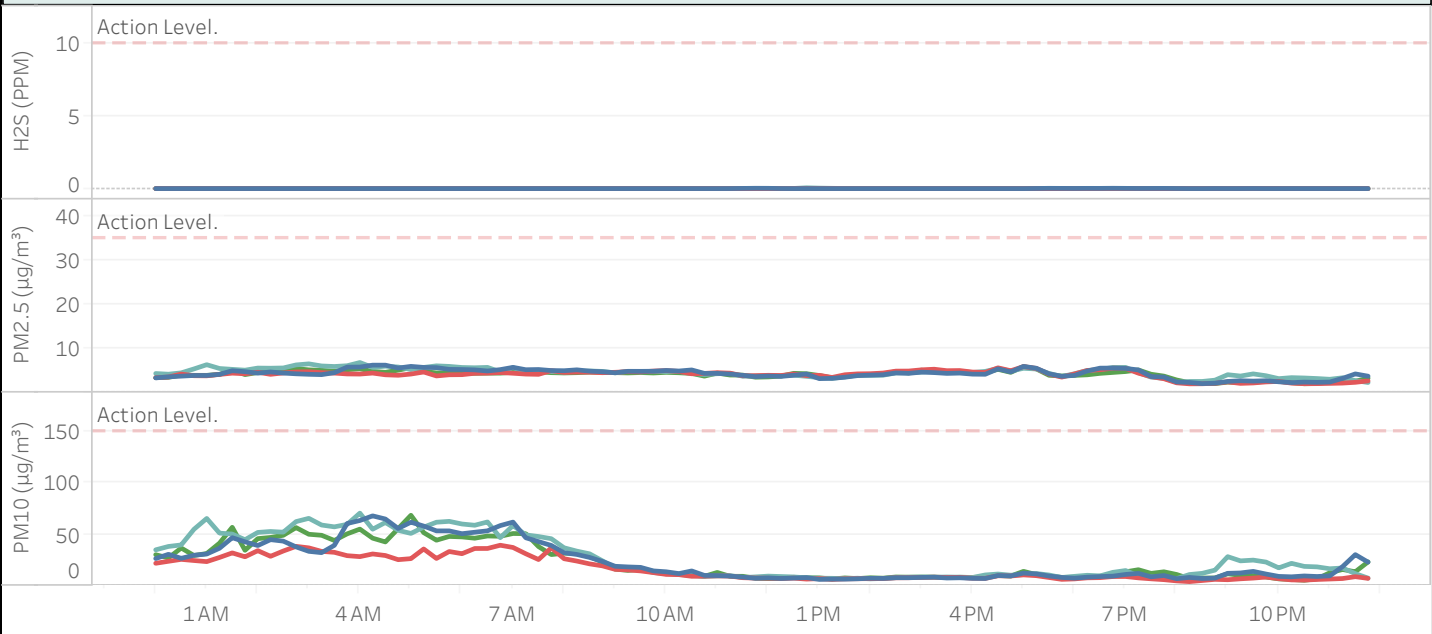
Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.13 to 13.56	2943 SE	3061 SSW	2996 W	2997 NNW	Min : 69.80 Max : 99.50	Min : 49.20 Max : 91.30	Min : 29.91 Max : 30.11

**Table 2 : Monitoring Summary**

Site Action Level :	PM10 : 150 µg/m <sup>3</sup>	PM2.5 : 35 µg/m <sup>3</sup>	H2S : 10 PPM				
AQ-SN	Avg. PM10 Daily (µg/m <sup>3</sup> )	Max. PM10-15-min Avg (µg/m <sup>3</sup> )	Avg. PM2.5 Daily (µg/m <sup>3</sup> )	Max. PM2.5-15-min Avg (µg/m <sup>3</sup> )	Avg. H2S Daily (PPM)	Max. H2S-15-min Avg (PPM)	
2943	23.1	67.7	4.3	6.2	0.003	0.023	
2996	16.2	39.3	4.1	5.9	0.001	0.009	
2997	26.8	70.4	4.6	6.8	0.002	0.056	
3061	22.5	68.3	4.1	5.9	0.000	0.005	



**Figure 1 : Monitoring Locations**



**Figure 2 : 15 Minutes Average Concentrations**

■ 2943      ■ 2996      ■ 2997      ■ 3061



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Wind Rose Chart 2943

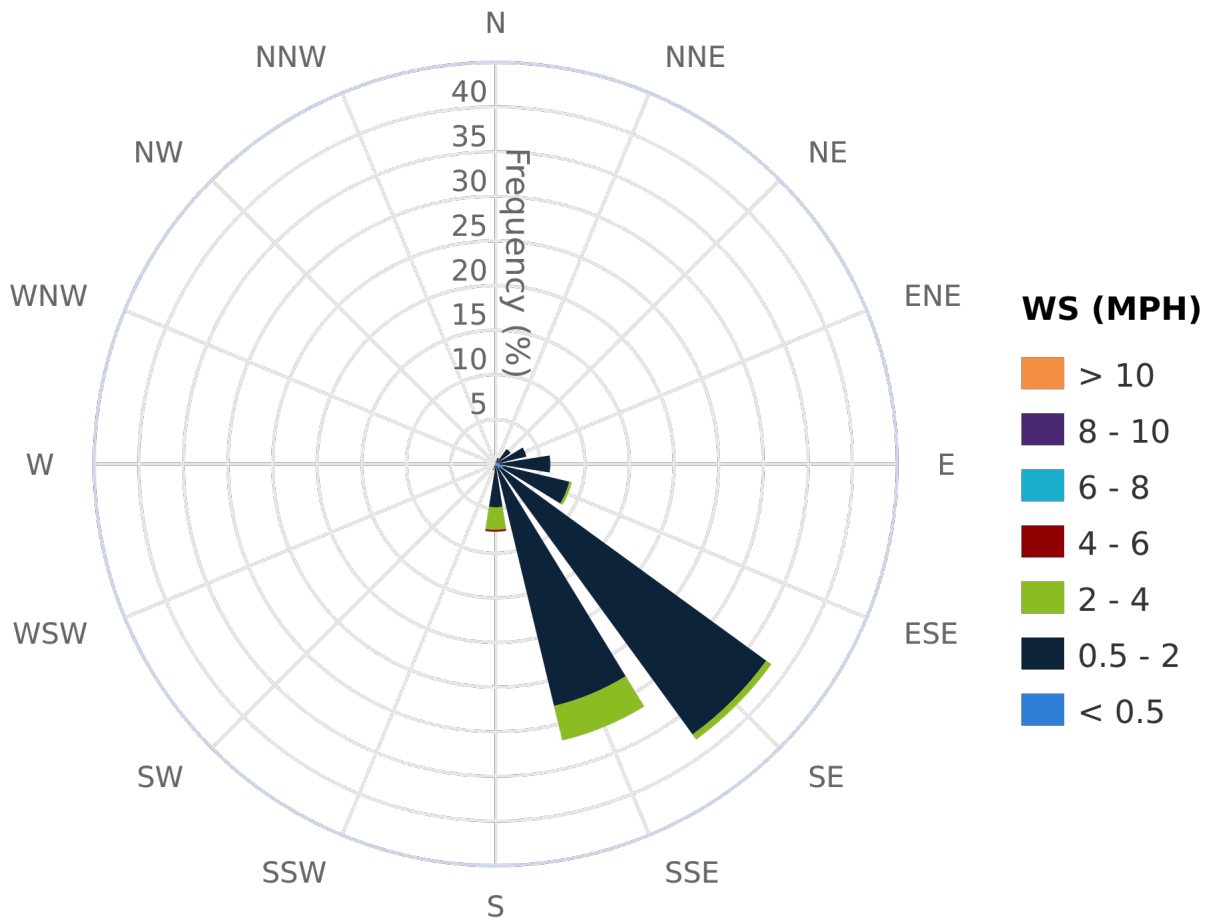


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

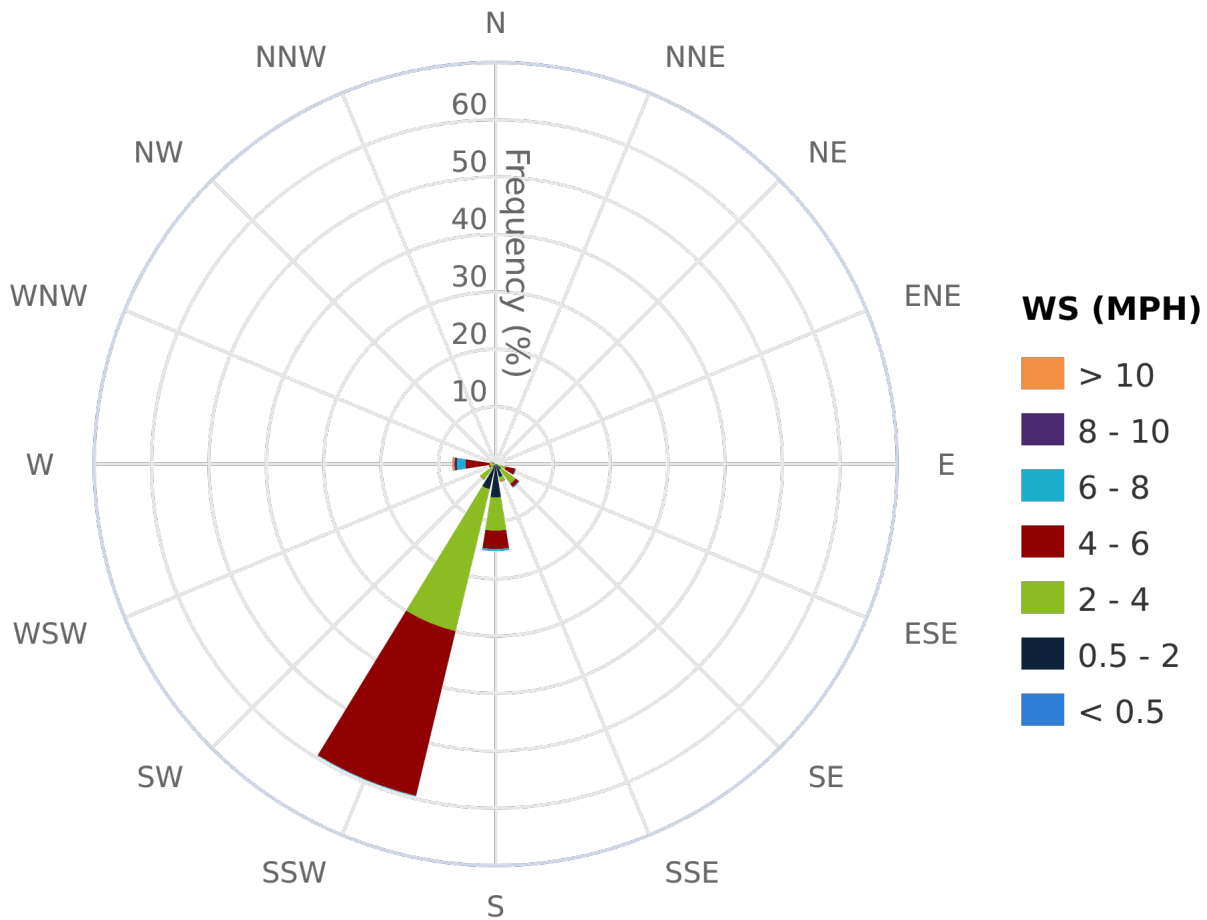


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

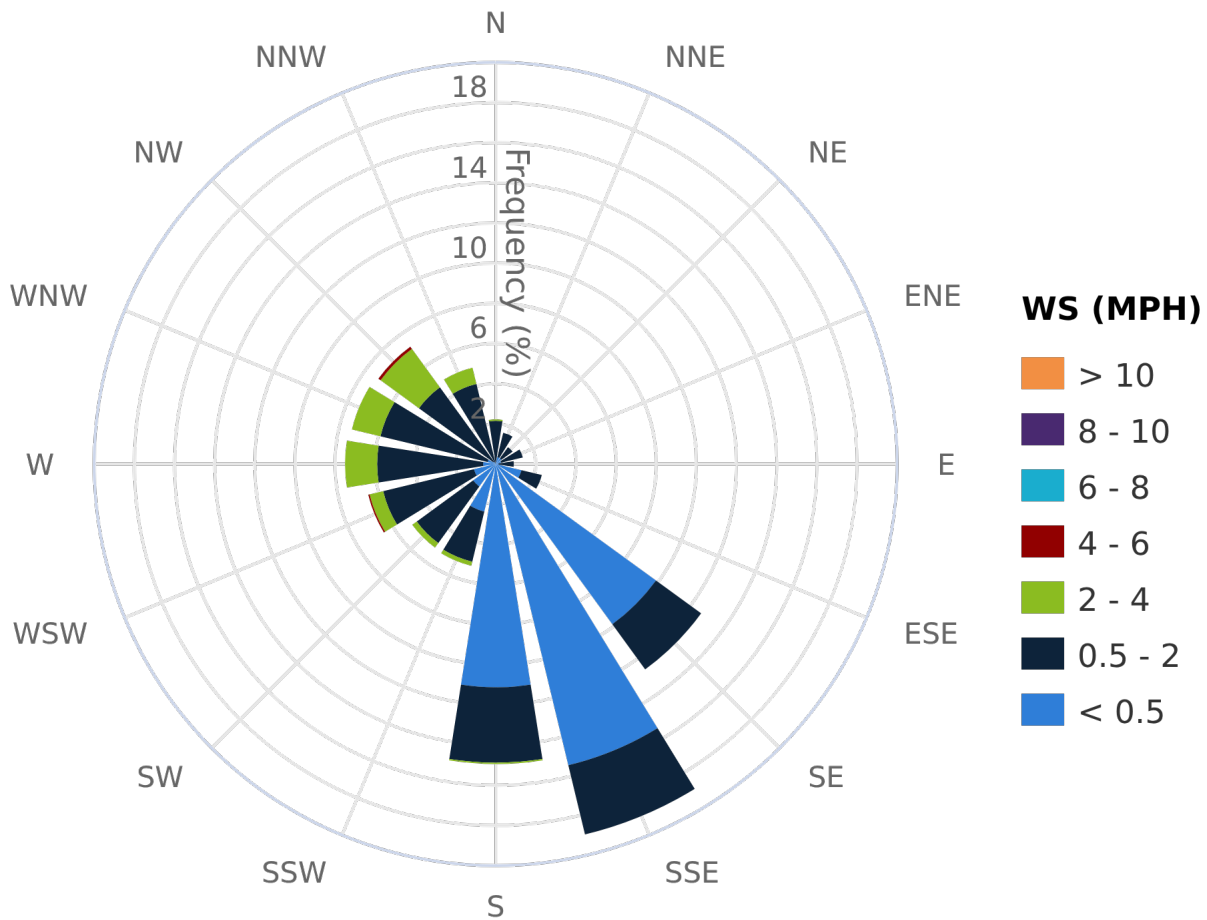


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

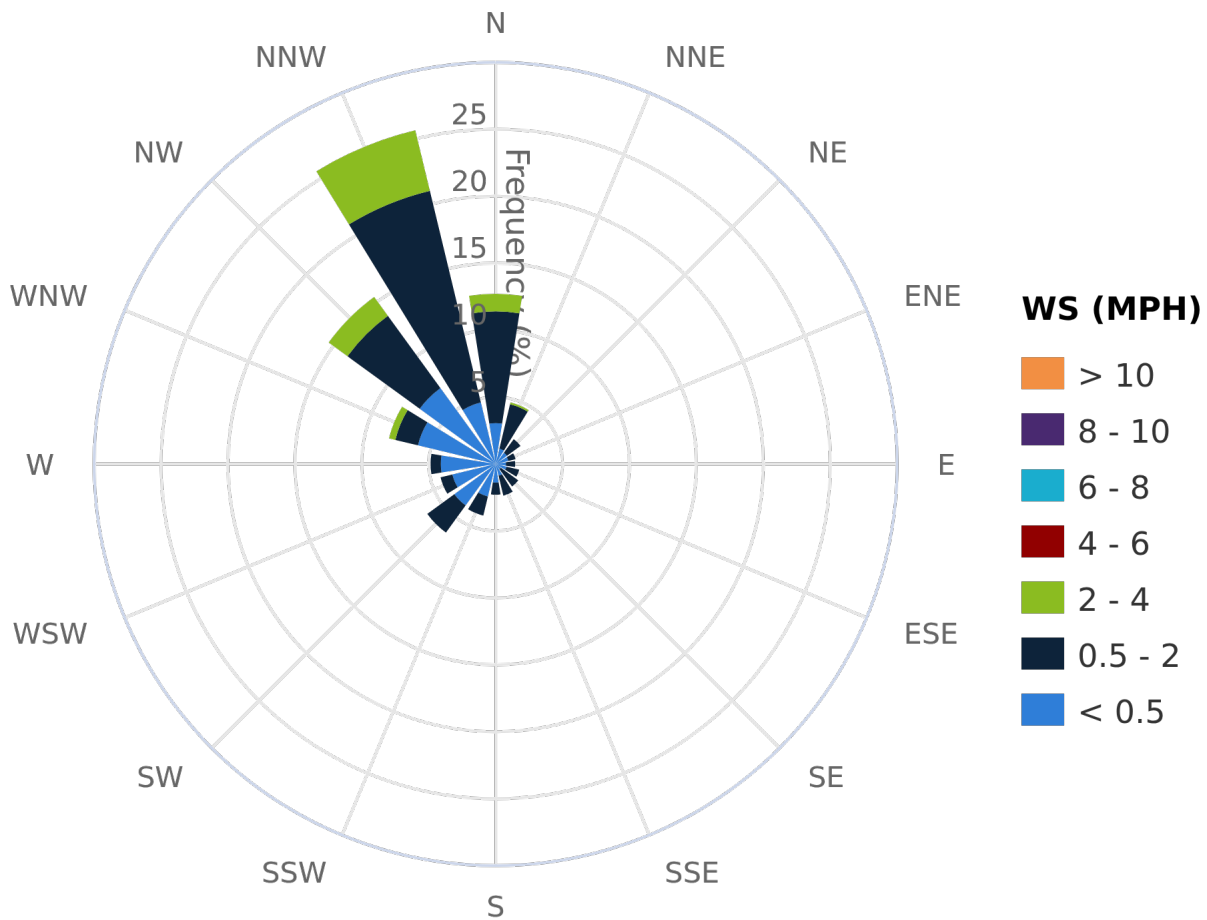


Figure 3 : Wind Rose Chart (WS in MPH)



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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	26.4	30.1	34.8	21.8	3.3	3.4	3.4	4.3	0.000	0.000	0.000	0.000
00:15:00	30.5	26.9	38.1	23.7	3.6	3.5	3.5	4.2	0.000	0.000	0.000	0.000
00:30:00	26.6	36.6	39.6	25.6	3.7	4.0	4.2	4.5	0.000	0.000	0.000	0.000
00:45:00	29.5	29.3	54.7	24.4	3.9	3.9	3.8	5.4	0.000	0.000	0.000	0.000
01:00:00	30.8	31.2	65.2	23.4	3.9	3.9	3.8	6.3	0.000	0.000	0.000	0.000
01:15:00	36.3	41.3	51.0	27.4	4.1	4.1	4.1	5.5	0.000	0.000	0.000	0.000
01:30:00	46.6	56.6	50.1	31.8	5.0	5.1	4.4	5.3	0.000	0.000	0.000	0.000
01:45:00	42.5	34.4	44.6	28.1	4.7	4.1	4.3	5.1	0.000	0.000	0.000	0.000
02:00:00	39.0	45.6	51.7	34.0	4.4	4.5	4.6	5.6	0.000	0.000	0.000	0.000
02:15:00	44.7	46.8	52.6	28.5	4.7	4.7	4.1	5.5	0.000	0.000	0.000	0.000
02:30:00	43.2	48.9	51.9	33.7	4.4	4.8	4.5	5.6	0.000	0.000	0.000	0.000
02:45:00	37.6	56.3	62.1	38.2	4.3	5.4	4.7	6.3	0.000	0.000	0.000	0.000
03:00:00	33.3	49.9	65.3	36.7	4.1	5.2	4.7	6.5	0.000	0.000	0.000	0.000
03:15:00	32.1	48.9	58.8	33.3	4.1	5.0	4.5	6.0	0.000	0.000	0.000	0.000
03:30:00	39.2	43.9	57.1	32.4	4.5	4.8	4.4	5.9	0.000	0.000	0.000	0.000
03:45:00	60.3	50.3	59.5	29.2	5.8	5.2	4.2	6.1	0.000	0.000	0.000	0.000
04:00:00	63.2	54.9	70.4	28.2	5.8	5.4	4.2	6.8	0.000	0.000	0.000	0.000
04:15:00	67.7	46.1	54.8	30.8	6.2	4.8	4.4	5.7	0.000	0.000	0.000	0.000
04:30:00	64.6	42.5	61.3	29.3	6.2	4.6	4.0	6.0	0.000	0.000	0.000	0.000
04:45:00	55.5	55.4	53.7	25.3	5.6	5.1	3.9	5.8	0.000	0.000	0.000	0.000
05:00:00	61.5	68.3	50.7	26.3	5.9	5.6	4.2	5.2	0.000	0.000	0.000	0.000
05:15:00	57.8	51.5	56.8	35.6	5.7	4.8	4.7	5.7	0.000	0.000	0.000	0.001
05:30:00	53.2	44.1	61.5	26.5	5.7	4.5	3.8	6.1	0.001	0.000	0.000	0.000
05:45:00	53.2	47.8	62.4	33.2	5.3	4.5	4.0	5.9	0.000	0.000	0.000	0.000
06:00:00	50.4	47.3	59.8	31.1	5.2	4.5	4.1	5.7	0.000	0.000	0.000	0.000
06:15:00	51.8	46.1	58.6	36.1	5.1	4.4	4.4	5.6	0.000	0.000	0.000	0.000
06:30:00	53.2	48.2	61.8	36.1	4.9	4.4	4.4	5.7	0.000	0.000	0.000	0.000
06:45:00	58.3	47.9	46.6	39.3	5.2	4.4	4.5	4.7	0.000	0.000	0.000	0.000
07:00:00	61.7	50.6	58.3	37.1	5.7	4.6	4.4	5.6	0.000	0.000	0.000	0.000
07:15:00	46.5	50.4	49.3	31.0	5.2	4.9	4.2	4.7	0.000	0.000	0.000	0.000
07:30:00	42.8	37.9	47.7	25.4	5.2	4.7	4.1	4.8	0.000	0.000	0.000	0.000
07:45:00	39.0	30.2	45.6	36.7	5.0	4.5	5.0	4.7	0.000	0.001	0.000	0.000
08:00:00	32.0	31.5	36.8	26.2	5.0	4.4	4.6	4.6	0.000	0.000	0.000	0.000
08:15:00	30.3	31.3	33.5	23.9	5.2	4.5	4.6	4.8	0.000	0.000	0.000	0.000
08:30:00	27.5	28.3	30.9	21.2	4.9	4.6	4.6	4.9	0.000	0.000	0.000	0.000
08:45:00	23.6	23.1	24.2	19.3	4.7	4.6	4.5	4.8	0.000	0.000	0.000	0.000
09:00:00	18.9	16.1	17.6	15.9	4.5	4.5	4.6	4.5	0.000	0.000	0.000	0.000
09:15:00	18.3	14.9	17.5	15.3	4.8	4.5	4.7	4.8	0.000	0.000	0.000	0.000
09:30:00	17.8	15.8	15.9	14.4	4.8	4.5	4.7	4.7	0.000	0.000	0.000	0.000
09:45:00	14.4	14.0	12.8	12.7	4.8	4.4	4.9	4.8	0.000	0.000	0.000	0.000
10:00:00	13.6	12.3	11.6	11.0	5.0	4.6	5.0	4.7	0.000	0.000	0.000	0.000
10:15:00	11.8	10.8	11.3	10.8	4.9	4.5	4.8	4.8	0.000	0.000	0.000	0.000
10:30:00	14.4	10.3	9.9	9.2	5.1	4.3	4.3	4.4	0.000	0.000	0.000	0.000
10:45:00	10.0	9.2	9.0	9.4	4.4	3.7	4.4	4.1	0.000	0.000	0.000	0.000
11:00:00	9.9	12.9	9.5	9.6	4.4	4.4	4.5	4.3	0.000	0.000	0.000	0.000
11:15:00	9.4	9.2	9.9	9.4	4.2	4.0	4.4	4.4	0.003	0.000	0.000	0.000
11:30:00	8.4	9.2	7.9	7.8	3.9	4.0	3.8	3.7	0.014	0.000	0.000	0.000
11:45:00	7.3	7.4	8.6	7.4	3.6	3.5	3.8	3.8	0.023	0.000	0.000	0.000



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**Table 3 : 15 Minute Average Concentrations (PM)**

	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	7.6	7.0	9.4	7.3	3.8	3.6	3.9	3.9	0.020	0.000	0.002	0.000
12:15:00	7.1	7.1	9.0	7.1	3.7	3.7	3.9	3.8	0.004	0.000	0.002	0.000
12:30:00	7.5	8.2	8.5	7.4	3.9	4.4	4.2	3.9	0.000	0.000	0.000	0.012
12:45:00	7.9	7.8	7.7	6.5	4.2	4.3	3.9	3.7	0.000	0.000	0.000	0.056
13:00:00	6.1	7.7	7.3	6.9	3.2	3.9	3.9	3.4	0.000	0.000	0.000	0.034
13:15:00	6.5	6.5	7.2	6.2	3.2	3.3	3.4	3.2	0.000	0.000	0.000	0.020
13:30:00	6.4	7.6	6.9	6.7	3.5	3.7	4.0	3.6	0.000	0.000	0.000	0.010
13:45:00	6.8	7.0	7.3	6.8	3.8	3.9	4.2	4.0	0.000	0.000	0.000	0.000
14:00:00	7.2	7.8	6.7	6.9	4.0	4.1	4.3	3.9	0.000	0.000	0.000	0.000
14:15:00	7.1	7.4	7.1	7.1	4.1	4.2	4.4	3.9	0.000	0.000	0.000	0.000
14:30:00	7.8	8.5	7.9	7.7	4.5	4.8	4.9	4.5	0.000	0.000	0.000	0.000
14:45:00	7.8	8.4	8.3	7.8	4.4	4.5	4.9	4.5	0.000	0.000	0.000	0.000
15:00:00	8.1	8.4	8.5	8.0	4.6	5.1	5.2	4.6	0.000	0.000	0.000	0.000
15:15:00	8.4	8.4	8.3	8.3	4.5	4.7	5.3	4.9	0.000	0.000	0.000	0.000
15:30:00	7.5	7.9	8.5	8.0	4.3	4.7	5.0	4.7	0.000	0.000	0.000	0.000
15:45:00	7.7	8.3	8.3	8.2	4.4	4.7	5.0	4.7	0.000	0.000	0.000	0.000
16:00:00	7.2	8.1	8.0	7.3	4.2	4.6	4.7	4.6	0.000	0.000	0.000	0.000
16:15:00	7.1	8.5	10.5	7.2	4.1	4.5	4.6	4.8	0.000	0.000	0.000	0.000
16:30:00	9.9	9.9	11.4	9.7	5.4	5.3	5.6	5.5	0.000	0.000	0.000	0.000
16:45:00	9.5	9.4	10.3	9.5	4.7	4.6	5.0	4.9	0.000	0.000	0.000	0.000
17:00:00	12.3	14.0	10.8	10.5	5.9	5.9	5.9	5.5	0.000	0.000	0.000	0.000
17:15:00	11.5	10.8	11.8	9.8	5.5	5.4	5.5	5.3	0.010	0.003	0.000	0.002
17:30:00	9.5	9.1	10.4	8.0	4.2	3.9	4.2	4.3	0.020	0.004	0.000	0.005
17:45:00	8.1	8.2	8.0	6.2	3.7	3.8	3.5	3.6	0.016	0.005	0.001	0.003
18:00:00	7.4	8.3	9.1	6.7	3.9	3.9	4.2	4.3	0.012	0.004	0.002	0.003
18:15:00	8.3	8.5	10.2	7.7	4.9	4.0	5.0	5.0	0.017	0.004	0.004	0.001
18:30:00	8.9	9.3	9.6	7.9	5.5	4.4	5.2	5.2	0.016	0.004	0.007	0.000
18:45:00	9.3	10.7	13.0	8.9	5.6	4.6	5.5	5.7	0.023	0.003	0.007	0.000
19:00:00	11.0	13.5	14.7	9.0	5.5	4.8	5.5	5.7	0.017	0.003	0.009	0.000
19:15:00	12.0	15.6	9.5	7.6	5.1	5.1	4.4	4.5	0.010	0.001	0.003	0.000
19:30:00	8.7	12.0	8.6	6.7	3.6	4.2	3.6	3.5	0.012	0.001	0.000	0.001
19:45:00	10.0	13.5	7.9	5.9	3.5	3.7	3.1	3.2	0.015	0.002	0.000	0.002
20:00:00	6.9	10.9	6.9	4.7	2.4	2.9	2.2	2.3	0.007	0.001	0.000	0.002
20:15:00	8.1	6.9	10.9	4.0	2.3	2.3	2.0	2.5	0.001	0.001	0.000	0.003
20:30:00	7.0	7.5	12.0	5.1	2.0	2.1	2.0	2.5	0.000	0.001	0.000	0.004
20:45:00	7.5	7.6	15.1	6.2	2.1	2.1	2.1	2.8	0.005	0.001	0.000	0.004
21:00:00	12.1	11.6	28.2	5.8	2.5	2.4	2.4	4.1	0.003	0.000	0.000	0.002
21:15:00	12.4	10.1	24.1	6.7	2.7	2.3	2.1	3.7	0.003	0.001	0.003	0.000
21:30:00	13.9	9.8	24.9	7.4	2.6	2.3	2.2	4.2	0.006	0.000	0.006	0.000
21:45:00	11.4	8.5	23.0	8.4	2.7	2.6	2.4	3.8	0.001	0.001	0.004	0.000
22:00:00	9.1	6.7	17.3	6.9	2.4	2.6	2.5	3.2	0.001	0.000	0.002	0.000
22:15:00	8.7	6.1	21.7	5.7	2.3	2.3	2.1	3.4	0.003	0.000	0.000	0.000
22:30:00	9.5	5.3	18.8	5.5	2.4	2.0	2.0	3.3	0.002	0.000	0.000	0.000
22:45:00	9.0	6.7	18.3	6.1	2.3	2.1	2.0	3.2	0.002	0.000	0.000	0.000
23:00:00	9.6	12.6	16.5	6.5	2.4	2.4	2.1	3.0	0.000	0.000	0.001	0.000
23:15:00	18.5	15.8	17.2	7.0	3.2	2.7	2.2	3.4	0.001	0.000	0.001	0.000
23:30:00	30.2	13.6	11.8	8.8	4.2	2.6	2.3	2.7	0.002	0.000	0.000	0.000
23:45:00	22.9	23.1	7.4	7.2	3.7	3.3	2.7	2.3	0.001	0.000	0.000	0.000



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

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