



# DAILY AIR MONITORING REPORT

## Florence C&D Landfill – Air Monitoring

Date : 2026-02-22

**Table 1 : Weather Summary**

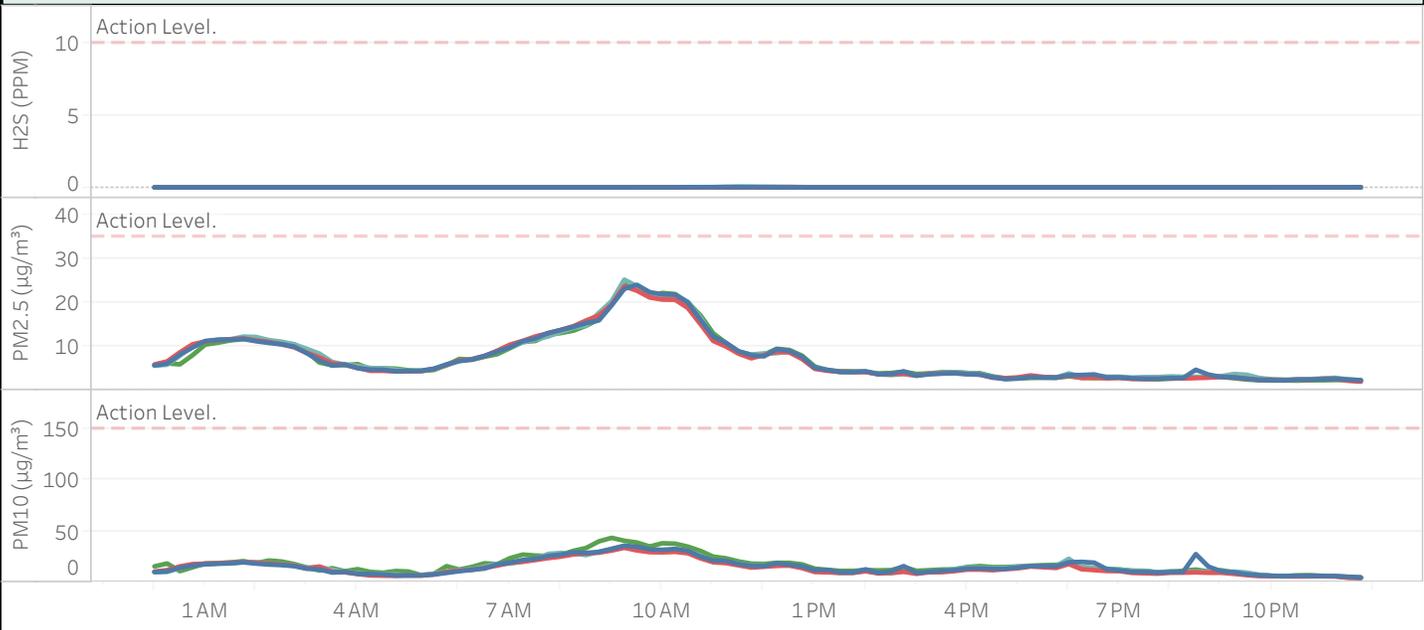
Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.224 to 8.478	2943 ESE	3061 WNW	2996 W	2997 NW	Min : 42.80 Max : 93.20	Min : 25.50 Max : 94.50	Min : 28.96 Max : 93.34

**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	15.2	35.5	7.3	24.0	0.002	0.020
2996	14.1	33.6	7.2	23.6	0.000	0.001
2997	14.9	35.7	7.4	25.1	0.005	0.066
3061	16.7	43.3	7.2	24.2	0.000	0.004



**Figure 1 : Monitoring Locations**



**Figure 2 : 15 Minutes Average Concentrations**

■ 2943      ■ 2996      ■ 2997      ■ 3061



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Wind Rose Chart 2943

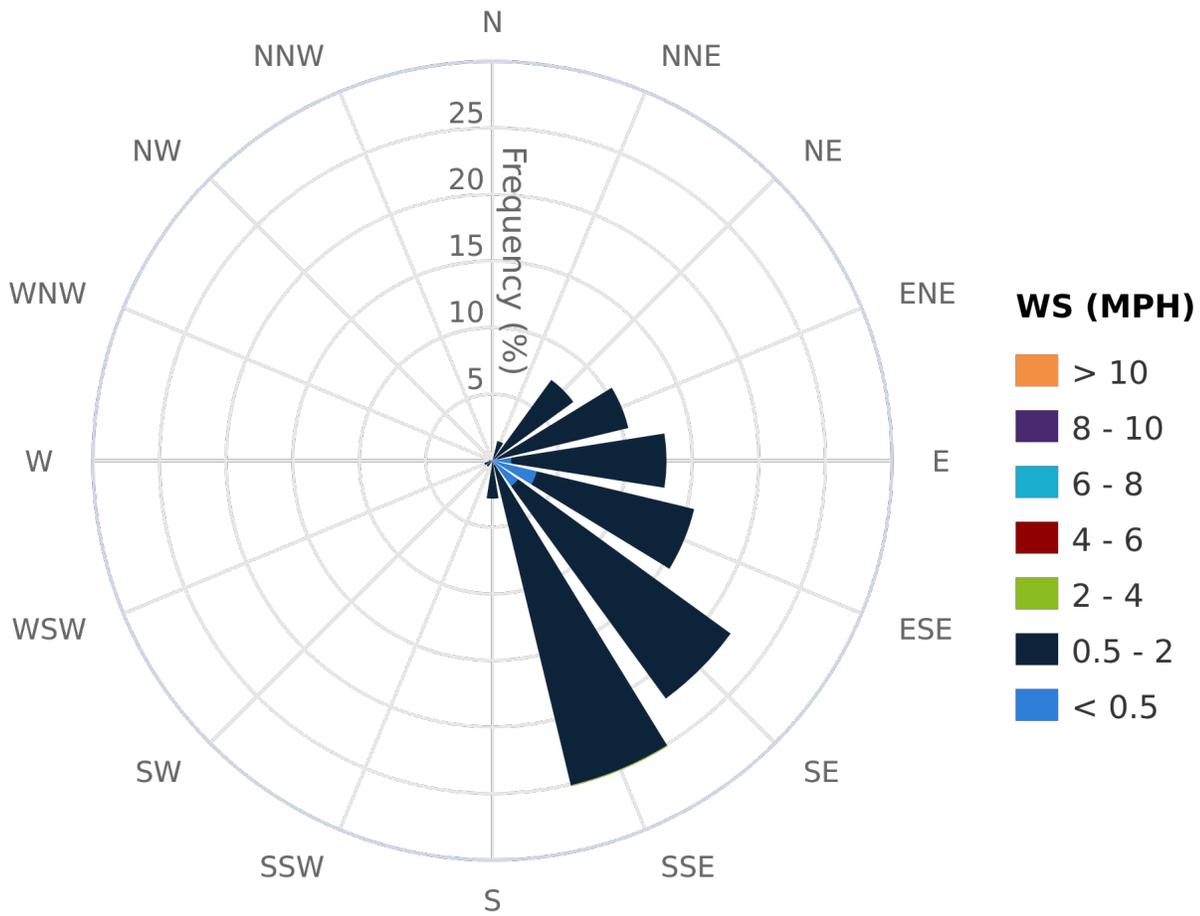


Figure 3 : Wind Rose Chart (WS in MPH)



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Date : 2026-02-22

Wind Rose Chart 3061

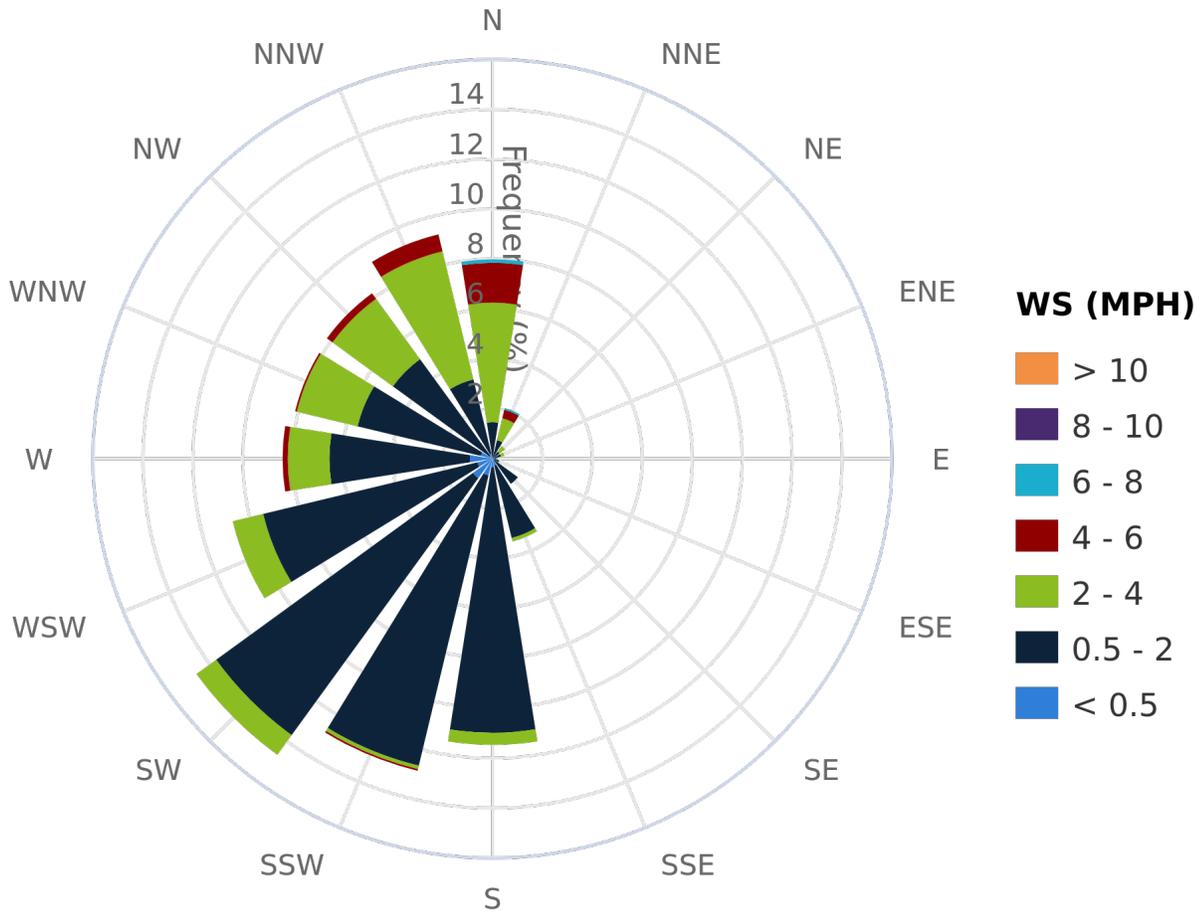


Figure 3 : Wind Rose Chart (WS in MPH)



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Florence C&D Landfill – Air Monitoring

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Wind Rose Chart 2996

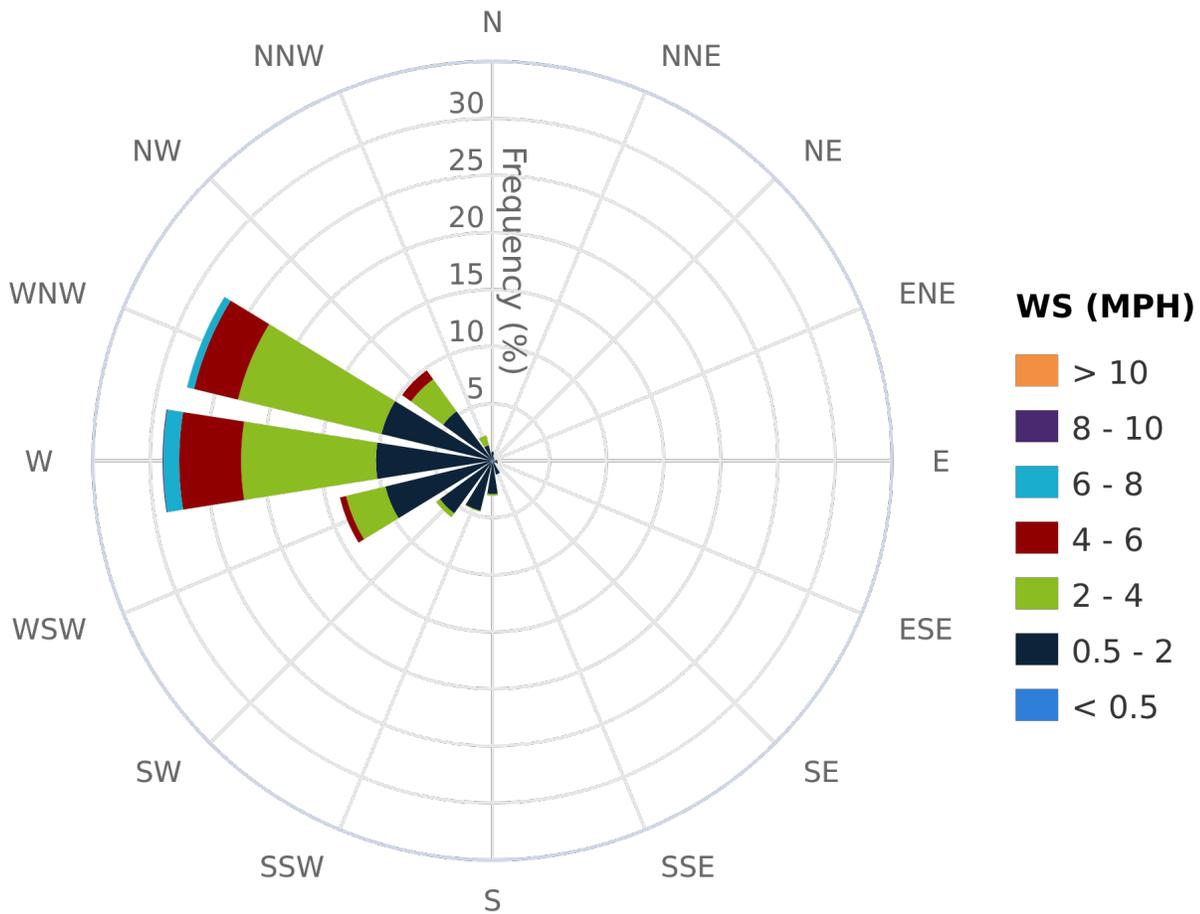


Figure 3 : Wind Rose Chart (WS in MPH)



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Florence C&D Landfill – Air Monitoring

Date : 2026-02-22

Wind Rose Chart 2997

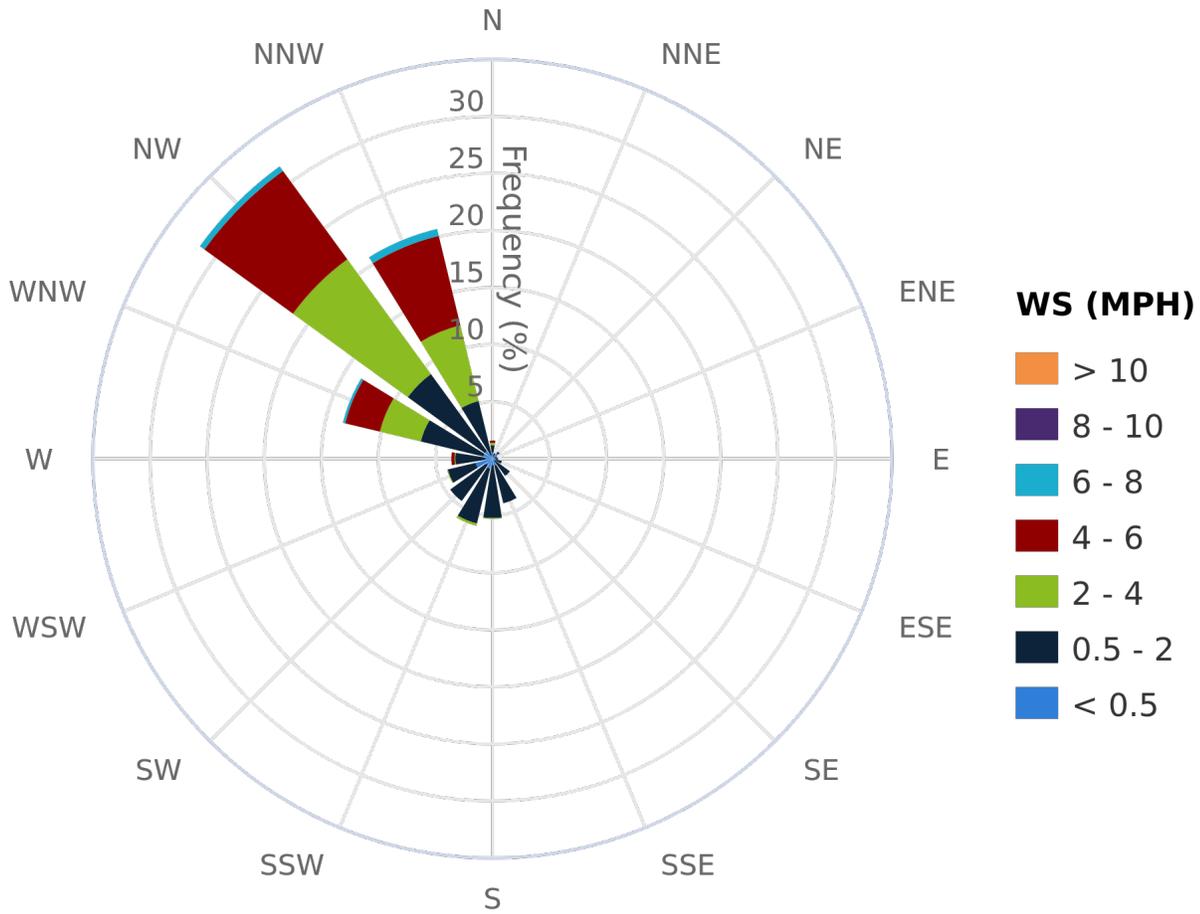


Figure 3 : Wind Rose Chart (WS in MPH)



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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	10.0	15.5	9.9	10.4	5.7	5.7	5.9	5.6	0.000	0.000	0.000	0.000
00:15:00	10.7	18.3	10.1	11.8	6.1	6.1	6.6	5.8	0.000	0.000	0.000	0.000
00:30:00	14.2	10.9	14.1	15.5	8.1	5.9	8.6	7.8	0.000	0.000	0.000	0.000
00:45:00	16.3	14.5	16.6	17.7	9.7	8.0	10.4	10.2	0.000	0.000	0.000	0.000
01:00:00	17.6	18.3	17.6	18.2	11.2	10.4	11.1	11.1	0.000	0.000	0.000	0.000
01:15:00	18.1	18.7	18.5	18.5	11.4	10.8	11.4	11.6	0.000	0.000	0.000	0.000
01:30:00	18.6	19.3	18.3	19.2	11.5	11.3	11.6	11.6	0.000	0.000	0.000	0.000
01:45:00	19.5	20.6	19.7	19.7	11.7	11.6	11.8	12.2	0.000	0.000	0.000	0.000
02:00:00	18.2	18.6	19.6	19.2	11.2	11.3	11.3	12.1	0.000	0.000	0.000	0.000
02:15:00	17.3	21.2	18.0	18.2	10.8	11.1	11.0	11.4	0.000	0.000	0.000	0.000
02:30:00	16.8	20.3	17.5	17.4	10.5	10.8	10.5	11.0	0.000	0.000	0.000	0.000
02:45:00	15.8	17.8	16.5	16.3	9.9	10.4	9.8	10.5	0.000	0.000	0.000	0.000
03:00:00	13.2	14.5	14.2	13.6	8.4	8.7	8.5	9.4	0.000	0.000	0.000	0.000
03:15:00	12.5	11.5	14.9	15.4	6.8	6.3	7.5	8.3	0.000	0.000	0.000	0.000
03:30:00	9.5	13.8	12.2	10.2	5.6	5.7	6.1	6.4	0.000	0.000	0.000	0.000
03:45:00	10.2	10.8	10.0	9.8	5.9	5.7	5.8	5.9	0.000	0.000	0.000	0.000
04:00:00	8.2	12.8	8.9	8.1	5.0	5.9	5.1	5.5	0.000	0.000	0.000	0.000
04:15:00	8.1	10.1	7.8	6.7	4.7	4.9	4.4	5.1	0.000	0.000	0.000	0.000
04:30:00	7.7	9.3	7.8	6.5	4.7	5.0	4.4	4.9	0.000	0.000	0.000	0.000
04:45:00	6.6	11.0	7.7	6.3	4.3	4.9	4.3	4.7	0.000	0.000	0.000	0.000
05:00:00	6.8	10.5	6.6	6.6	4.4	4.6	4.3	4.4	0.000	0.000	0.000	0.000
05:15:00	6.7	7.1	7.0	6.6	4.4	4.4	4.4	4.5	0.000	0.000	0.000	0.000
05:30:00	7.6	8.2	8.4	7.7	4.9	4.6	4.8	4.9	0.000	0.000	0.000	0.000
05:45:00	9.2	15.7	10.5	10.2	5.9	5.7	5.8	5.7	0.000	0.000	0.000	0.000
06:00:00	10.8	12.4	12.0	11.5	6.6	7.1	6.8	6.7	0.000	0.000	0.000	0.000
06:15:00	12.2	15.0	12.6	12.1	7.0	6.9	7.0	7.1	0.000	0.000	0.000	0.000
06:30:00	13.4	18.5	15.2	14.1	7.8	7.6	7.8	7.8	0.000	0.000	0.000	0.000
06:45:00	17.5	17.7	18.0	16.3	8.8	8.2	9.0	8.8	0.000	0.000	0.000	0.000
07:00:00	19.3	23.5	18.2	19.0	9.8	9.6	10.4	9.8	0.000	0.000	0.000	0.000
07:15:00	21.7	27.0	20.2	20.0	11.1	11.0	11.2	10.9	0.000	0.000	0.000	0.000
07:30:00	22.9	26.0	22.5	21.7	11.8	11.2	12.2	11.5	0.000	0.000	0.000	0.000
07:45:00	25.6	25.7	27.6	23.5	13.0	12.6	13.0	12.2	0.000	0.000	0.000	0.000
08:00:00	27.0	26.9	28.6	25.0	13.7	13.0	13.7	13.3	0.000	0.000	0.000	0.000
08:15:00	29.3	30.7	28.3	27.2	14.4	13.6	14.6	14.2	0.000	0.000	0.000	0.000
08:30:00	28.6	33.4	26.5	28.2	15.3	14.7	15.9	14.7	0.000	0.000	0.000	0.000
08:45:00	29.6	39.9	29.8	28.9	15.9	16.1	17.0	17.6	0.000	0.000	0.000	0.000
09:00:00	32.6	43.3	32.2	30.9	19.3	19.5	19.5	20.3	0.000	0.000	0.000	0.000
09:15:00	35.5	40.5	35.7	33.6	23.0	24.2	23.6	25.1	0.000	0.000	0.000	0.000
09:30:00	34.7	38.7	33.1	31.1	24.0	23.8	22.6	23.7	0.000	0.000	0.000	0.000
09:45:00	32.0	34.9	31.6	29.4	22.3	21.3	21.1	22.3	0.006	0.001	0.000	0.000
10:00:00	31.6	38.0	30.0	29.2	21.8	22.1	20.6	21.0	0.006	0.001	0.000	0.000
10:15:00	32.5	37.6	32.3	29.6	21.7	21.9	20.6	21.6	0.004	0.000	0.000	0.000
10:30:00	30.7	34.8	30.6	28.3	20.0	20.0	18.7	20.1	0.016	0.001	0.000	0.003
10:45:00	25.1	30.6	25.7	23.3	16.0	17.0	15.0	16.5	0.019	0.003	0.000	0.006
11:00:00	21.2	25.0	20.6	19.5	12.2	12.9	11.2	11.9	0.019	0.002	0.001	0.020
11:15:00	20.9	23.4	20.6	18.7	10.8	10.8	10.0	10.6	0.019	0.003	0.001	0.046
11:30:00	17.8	20.3	17.9	16.5	8.9	8.8	8.3	8.8	0.015	0.004	0.000	0.066
11:45:00	16.1	18.2	16.4	14.3	8.0	8.1	7.3	8.1	0.020	0.004	0.000	0.057



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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	15.8	17.9	16.2	15.2	7.7	8.1	8.0	8.4	0.013	0.003	0.000	0.049
12:15:00	18.6	19.0	16.2	16.1	9.4	9.4	8.8	8.4	0.002	0.003	0.000	0.045
12:30:00	17.3	19.0	17.0	16.3	9.0	9.2	8.6	8.9	0.000	0.003	0.000	0.039
12:45:00	15.5	17.4	14.4	13.8	7.6	7.9	7.1	7.3	0.000	0.001	0.000	0.021
13:00:00	12.0	13.3	11.4	10.0	5.1	5.4	4.9	5.1	0.000	0.000	0.000	0.000
13:15:00	12.1	12.1	10.4	9.7	4.6	4.6	4.4	4.6	0.000	0.000	0.000	0.000
13:30:00	9.8	11.1	9.1	9.2	4.2	4.3	4.2	4.1	0.000	0.000	0.000	0.000
13:45:00	9.7	11.1	9.1	9.3	4.2	4.3	4.2	4.1	0.000	0.000	0.000	0.000
14:00:00	12.6	11.9	11.3	10.8	4.3	4.2	4.2	4.2	0.000	0.000	0.000	0.000
14:15:00	9.2	11.6	9.2	8.7	3.6	3.8	3.6	3.6	0.000	0.000	0.000	0.000
14:30:00	10.6	11.9	8.8	9.3	3.7	3.9	3.7	3.5	0.000	0.000	0.000	0.000
14:45:00	15.8	15.1	10.4	10.4	4.3	4.2	3.8	3.7	0.000	0.000	0.000	0.000
15:00:00	9.1	11.2	8.8	8.3	3.3	3.7	3.3	3.3	0.000	0.000	0.000	0.000
15:15:00	10.3	11.8	10.3	9.8	3.6	3.8	3.8	3.8	0.000	0.000	0.000	0.000
15:30:00	11.1	12.5	10.8	9.9	3.8	4.1	3.8	3.9	0.000	0.000	0.000	0.000
15:45:00	12.0	12.6	12.9	10.9	3.9	4.1	3.9	4.1	0.000	0.000	0.000	0.000
16:00:00	13.5	15.0	14.4	12.4	3.7	3.9	3.7	4.0	0.000	0.000	0.000	0.000
16:15:00	13.6	15.8	14.3	12.4	3.6	3.9	3.5	3.7	0.000	0.000	0.000	0.000
16:30:00	13.0	14.8	13.5	11.8	3.0	3.2	2.9	3.0	0.000	0.000	0.000	0.000
16:45:00	13.1	14.9	14.1	12.8	2.5	2.7	2.8	2.6	0.000	0.000	0.000	0.000
17:00:00	14.4	15.5	15.1	13.7	2.7	2.7	2.9	2.7	0.000	0.000	0.000	0.000
17:15:00	15.8	16.2	15.8	15.4	3.0	2.8	3.4	3.0	0.000	0.000	0.000	0.000
17:30:00	15.9	16.7	15.7	14.7	2.9	2.9	3.0	2.9	0.000	0.000	0.000	0.000
17:45:00	15.7	17.0	15.8	14.0	2.9	2.8	2.9	2.9	0.000	0.000	0.000	0.000
18:00:00	19.5	18.8	22.9	17.8	3.4	3.2	3.4	3.8	0.000	0.000	0.000	0.000
18:15:00	19.9	15.0	14.6	12.8	3.5	2.9	2.8	3.1	0.000	0.000	0.000	0.000
18:30:00	19.1	13.8	14.2	11.9	3.6	2.8	2.9	3.1	0.000	0.000	0.000	0.000
18:45:00	12.8	13.2	12.4	11.0	2.9	2.9	2.7	3.1	0.000	0.000	0.000	0.000
19:00:00	11.6	12.3	12.6	10.9	2.9	2.9	2.8	3.1	0.000	0.000	0.000	0.003
19:15:00	10.2	11.4	10.9	9.1	2.7	2.7	2.6	2.9	0.000	0.000	0.000	0.005
19:30:00	10.2	11.2	11.1	8.8	2.6	2.6	2.6	3.0	0.000	0.000	0.000	0.007
19:45:00	9.4	9.7	9.7	8.4	2.6	2.5	2.6	3.0	0.000	0.000	0.000	0.007
20:00:00	10.0	10.3	10.8	9.3	2.8	2.6	2.8	3.2	0.000	0.000	0.000	0.011
20:15:00	10.2	11.3	10.3	9.4	2.8	2.8	2.7	3.1	0.000	0.000	0.000	0.012
20:30:00	27.5	12.4	10.4	9.7	4.7	3.0	2.8	3.1	0.000	0.000	0.000	0.011
20:45:00	15.2	10.6	10.4	9.3	3.6	3.0	2.9	3.0	0.000	0.000	0.000	0.010
21:00:00	10.8	11.7	10.2	9.3	3.0	3.0	3.1	3.2	0.000	0.000	0.000	0.006
21:15:00	9.7	9.6	10.5	8.3	2.9	2.7	2.9	3.7	0.000	0.000	0.000	0.007
21:30:00	7.8	8.0	9.5	7.0	2.6	2.5	2.6	3.5	0.000	0.000	0.000	0.006
21:45:00	6.9	7.2	7.3	6.1	2.4	2.3	2.4	2.8	0.000	0.000	0.000	0.013
22:00:00	6.4	6.2	6.3	6.0	2.3	2.2	2.4	2.5	0.000	0.000	0.000	0.015
22:15:00	6.1	6.1	6.0	5.8	2.2	2.2	2.3	2.4	0.001	0.000	0.000	0.014
22:30:00	6.5	6.6	6.2	5.7	2.4	2.2	2.4	2.4	0.000	0.000	0.000	0.001
22:45:00	6.2	7.0	6.2	5.9	2.4	2.3	2.4	2.5	0.001	0.001	0.000	0.000
23:00:00	6.3	6.2	6.0	5.9	2.5	2.3	2.6	2.7	0.004	0.000	0.000	0.005
23:15:00	6.0	5.9	6.0	5.7	2.6	2.3	2.6	2.8	0.003	0.000	0.000	0.011
23:30:00	5.3	5.3	4.9	4.4	2.5	2.3	2.2	2.4	0.007	0.000	0.000	0.013
23:45:00	4.7	4.7	4.5	4.1	2.3	2.2	2.0	2.3	0.010	0.001	0.000	0.014



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

Table 4 : Summary of Exceedances (greater than Action Level) - <i>None</i>	
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