



# DAILY AIR MONITORING REPORT

## Florence C&D Landfill – Air Monitoring

Date : 2026-04-17

**Table 1 : Weather Summary**

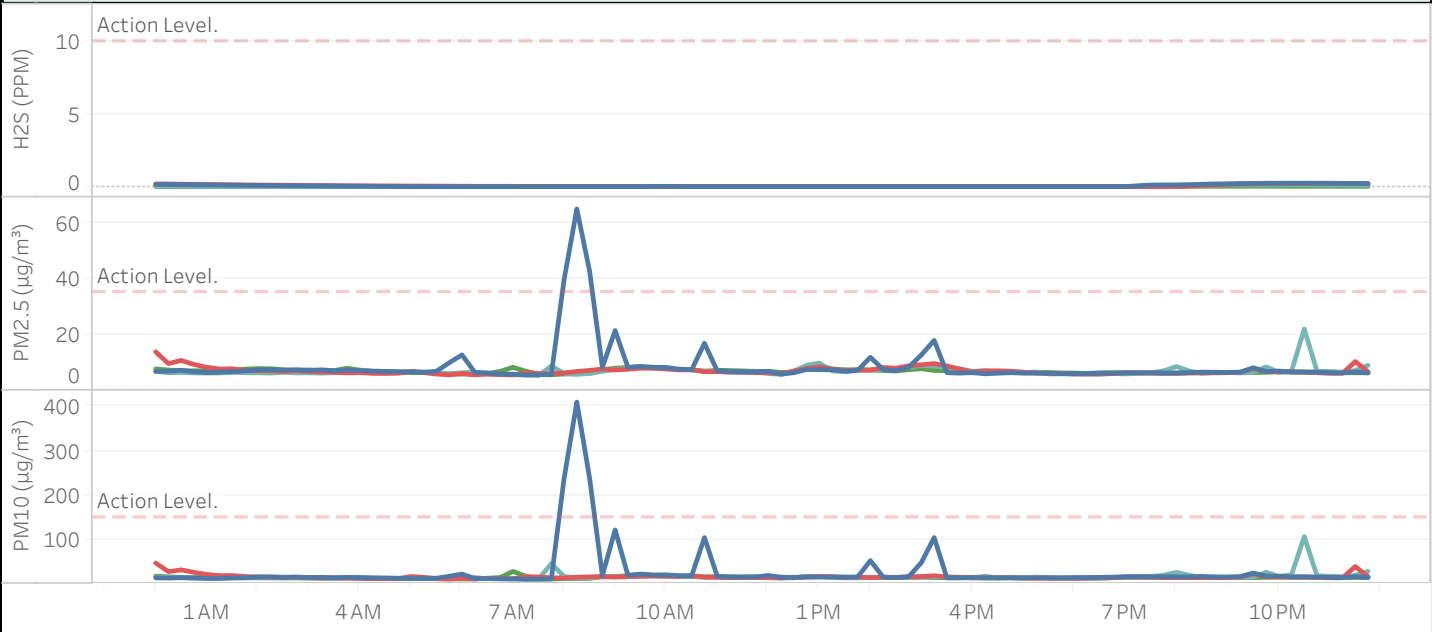
Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.179 to 6.062	2943 SE	3061 SW	2996 SSE	2997 NE	Min : 56.12 Max : 101.7	Min : 29.10 Max : 84.90	Min : 29.92 Max : 30.40

**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	27.4	410.5	8.8	65.2	0.053	0.237
2996	15.5	47.0	7.1	13.9	0.053	0.220
2997	16.0	106.5	7.0	22.1	0.020	0.127
3061	14.2	27.9	6.9	8.9	0.004	0.022



**Figure 1 : Monitoring Locations**



**Figure 2 : 15 Minutes Average Concentrations**      ■ 2943      ■ 2996      ■ 2997      ■ 3061



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Wind Rose Chart 2943

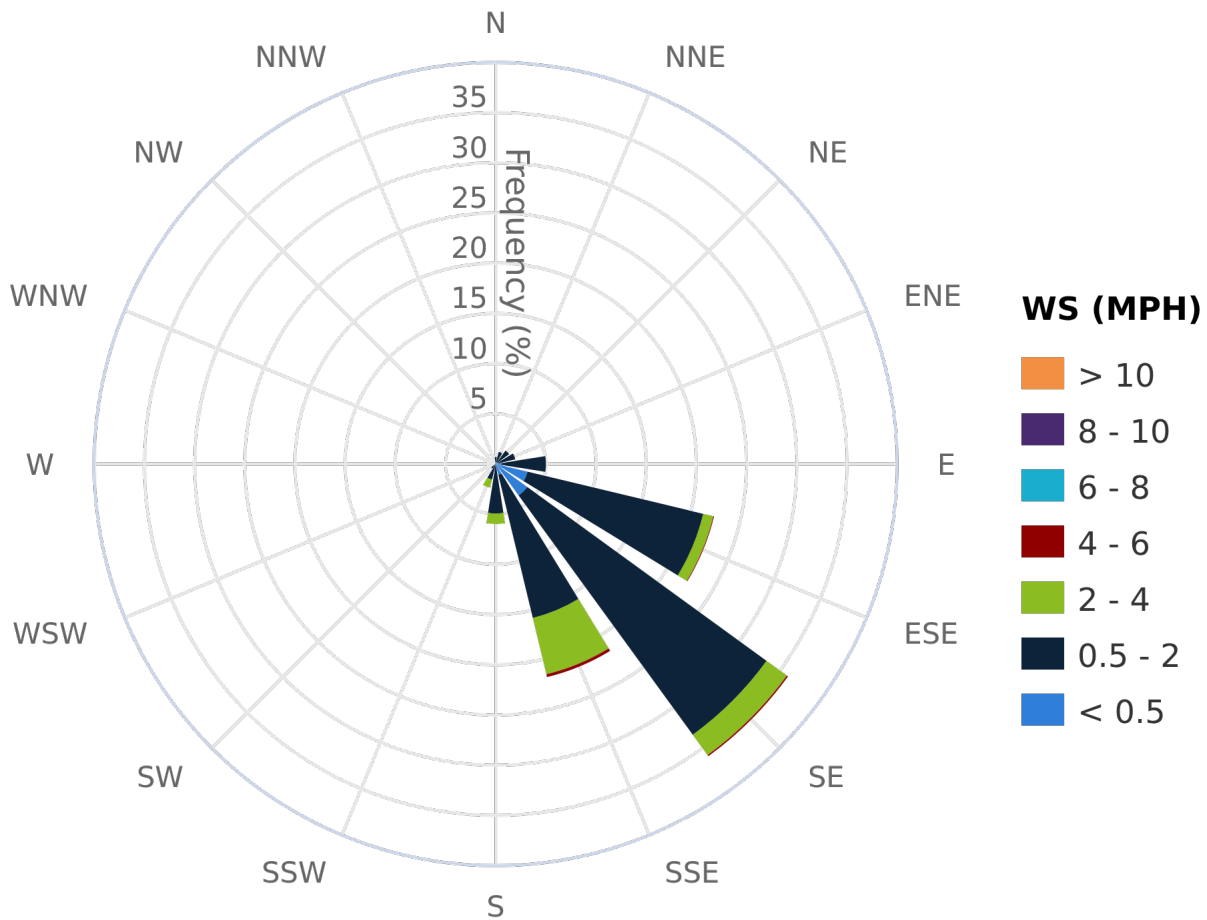


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

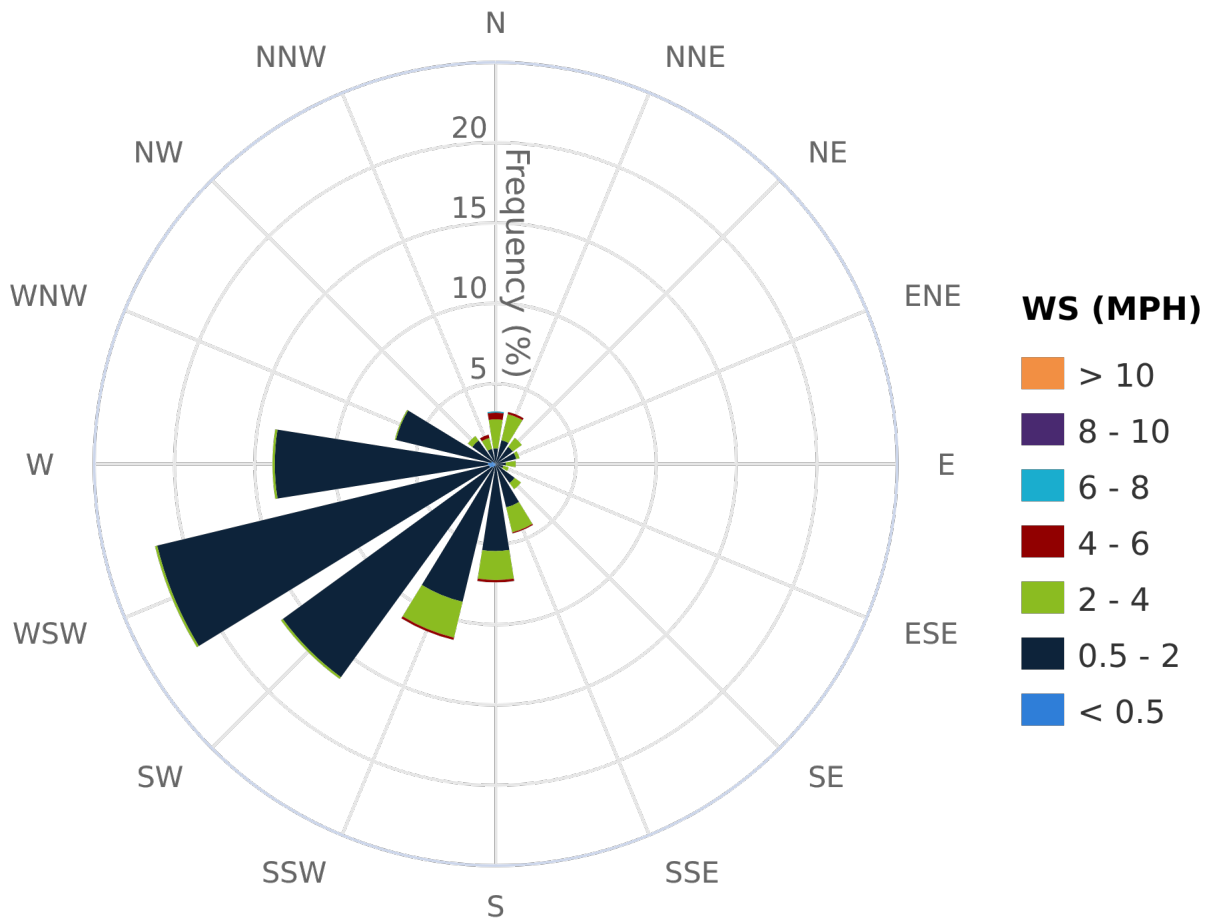


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

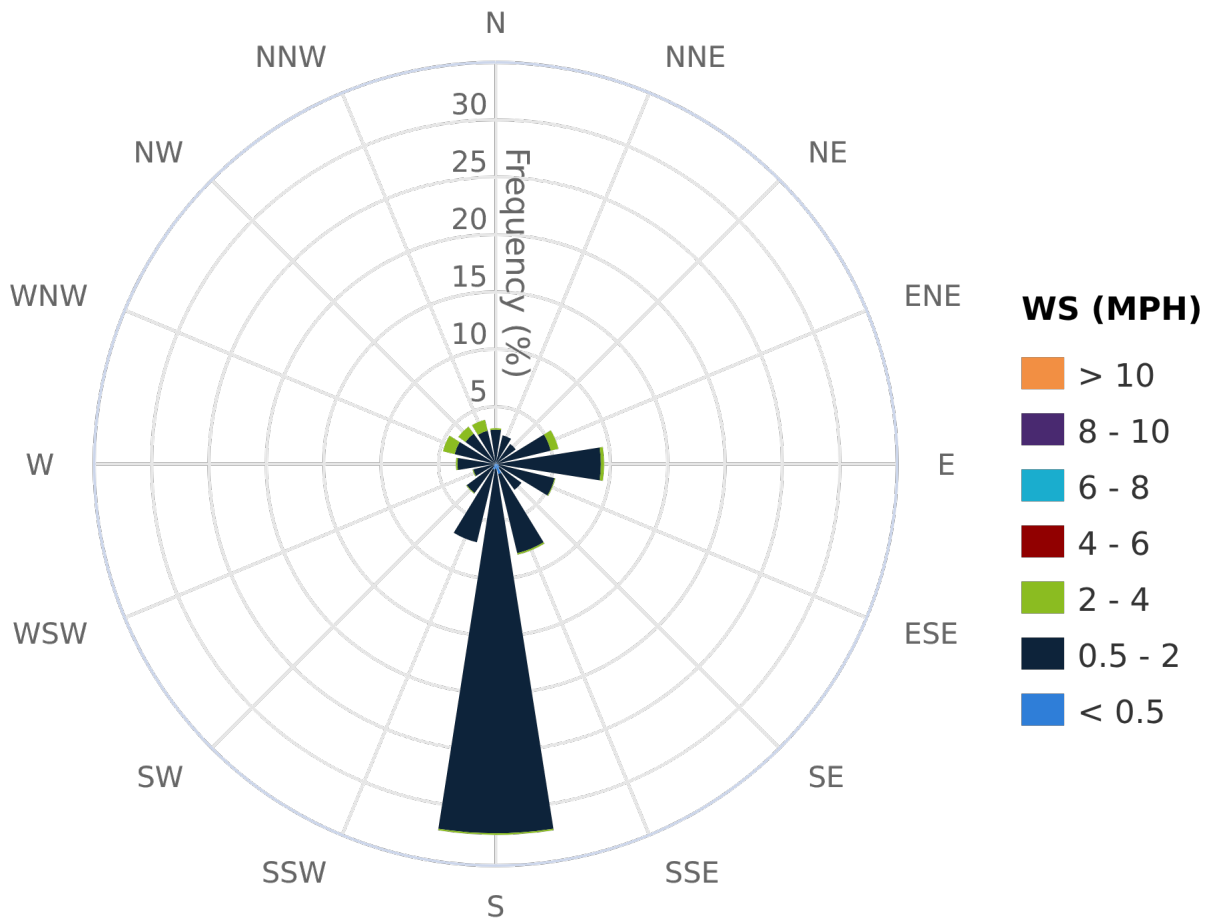


Figure 3 : Wind Rose Chart (WS in MPH)



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Florence C&D Landfill – Air Monitoring

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Wind Rose Chart 2997

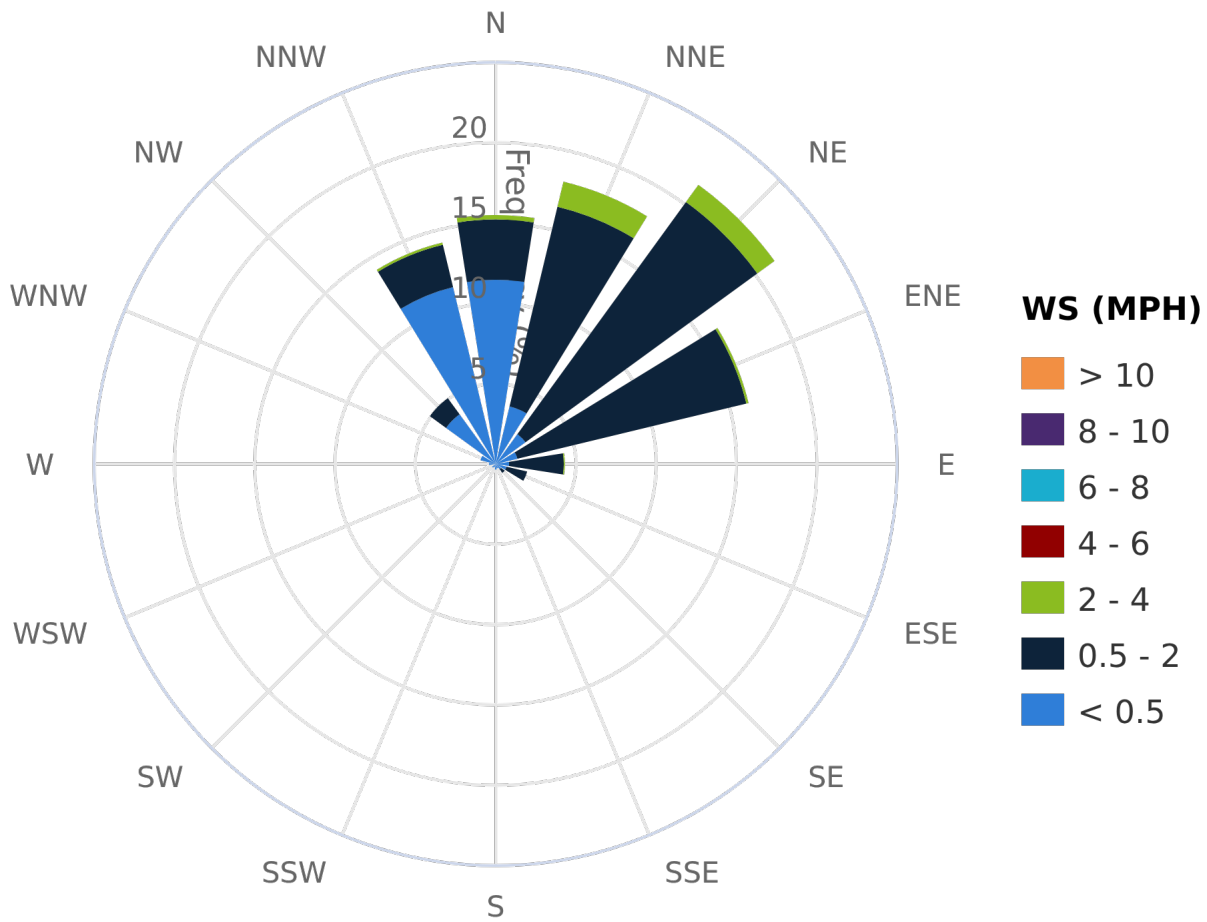


Figure 3 : Wind Rose Chart (WS in MPH)



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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	13.2	17.3	14.9	47.0	6.9	7.8	13.9	7.0	0.155	0.008	0.184	0.039
00:15:00	12.9	15.6	13.8	27.4	7.0	7.4	9.7	6.4	0.145	0.007	0.178	0.031
00:30:00	13.7	14.4	13.8	31.5	7.3	7.1	10.9	6.5	0.135	0.006	0.168	0.023
00:45:00	12.7	14.4	13.8	25.8	6.8	7.1	9.4	6.4	0.125	0.004	0.158	0.017
01:00:00	11.9	14.3	13.7	21.1	6.5	7.2	8.4	6.3	0.116	0.003	0.147	0.009
01:15:00	12.0	14.4	13.4	18.5	6.7	7.2	7.8	6.3	0.107	0.002	0.138	0.004
01:30:00	13.1	14.0	13.4	18.6	6.8	7.2	7.9	6.6	0.096	0.001	0.128	0.000
01:45:00	13.6	14.5	13.3	16.3	7.1	7.7	7.4	6.4	0.089	0.000	0.118	0.000
02:00:00	15.2	14.8	13.1	15.4	7.5	7.9	7.1	6.4	0.080	0.000	0.110	0.000
02:15:00	15.7	14.4	12.8	14.8	7.5	7.9	7.2	6.3	0.067	0.000	0.102	0.000
02:30:00	14.8	13.6	12.8	14.4	7.3	7.5	6.9	6.6	0.060	0.000	0.096	0.000
02:45:00	15.2	13.3	13.4	14.7	7.5	7.3	7.1	6.4	0.055	0.000	0.089	0.000
03:00:00	14.1	13.3	12.5	13.9	7.2	7.5	6.9	6.4	0.047	0.000	0.079	0.000
03:15:00	14.7	12.5	12.3	13.3	7.5	7.1	6.7	6.3	0.042	0.000	0.075	0.000
03:30:00	13.6	12.8	11.9	13.2	7.1	7.2	6.6	6.5	0.034	0.000	0.068	0.000
03:45:00	14.4	13.6	13.4	12.5	7.3	8.0	6.4	6.5	0.031	0.000	0.061	0.000
04:00:00	14.2	12.8	12.2	12.6	7.2	7.4	6.4	6.6	0.029	0.000	0.056	0.000
04:15:00	13.7	12.0	12.1	11.5	7.1	6.9	6.2	6.5	0.020	0.000	0.052	0.000
04:30:00	13.2	12.2	12.0	11.5	6.9	6.8	6.2	6.6	0.014	0.000	0.047	0.000
04:45:00	12.6	11.6	11.9	11.5	6.9	6.6	6.2	6.5	0.009	0.000	0.044	0.000
05:00:00	12.1	11.4	14.2	16.5	6.7	6.4	6.9	6.9	0.001	0.000	0.037	0.000
05:15:00	11.6	11.8	13.4	14.5	6.5	6.5	6.5	6.7	0.000	0.000	0.036	0.000
05:30:00	12.4	11.7	12.6	11.5	7.0	6.3	5.9	6.5	0.000	0.000	0.034	0.000
05:45:00	17.1	11.2	11.3	10.4	10.0	6.0	5.7	6.0	0.000	0.000	0.030	0.000
06:00:00	22.0	10.8	13.2	12.3	12.8	5.9	6.1	6.4	0.000	0.000	0.026	0.000
06:15:00	11.9	11.3	14.0	10.8	6.6	6.0	5.7	6.7	0.000	0.000	0.022	0.000
06:30:00	11.6	12.5	11.6	12.4	6.4	6.1	5.9	6.0	0.000	0.000	0.022	0.000
06:45:00	11.2	14.3	11.3	11.8	6.0	6.9	5.7	5.8	0.000	0.000	0.022	0.000
07:00:00	11.1	27.9	10.8	11.2	5.9	8.4	5.6	5.7	0.000	0.000	0.019	0.000
07:15:00	10.3	16.8	10.4	16.2	5.6	7.0	6.5	5.6	0.000	0.000	0.014	0.000
07:30:00	10.4	10.8	10.7	15.2	5.7	5.8	6.2	5.4	0.000	0.000	0.014	0.000
07:45:00	11.0	10.6	45.4	13.7	5.8	5.7	6.1	8.9	0.000	0.000	0.012	0.000
08:00:00	237.6	11.8	16.6	13.0	39.8	6.0	6.4	6.2	0.000	0.000	0.002	0.000
08:15:00	410.5	12.1	13.7	14.8	65.2	6.1	6.9	5.9	0.000	0.000	0.000	0.000
08:30:00	238.7	12.3	13.4	15.6	42.9	6.1	7.3	6.1	0.000	0.000	0.000	0.000
08:45:00	18.3	15.8	15.9	16.3	8.4	7.5	7.8	7.0	0.000	0.000	0.000	0.000
09:00:00	121.8	16.6	16.3	14.9	21.6	8.1	7.4	7.6	0.000	0.000	0.000	0.000
09:15:00	19.2	18.1	15.6	16.2	8.4	8.4	7.7	8.1	0.000	0.000	0.000	0.000
09:30:00	22.0	18.7	16.9	17.1	8.7	8.4	8.0	8.3	0.000	0.000	0.000	0.000
09:45:00	20.0	18.4	17.8	17.4	8.4	8.2	8.0	8.3	0.010	0.001	0.004	0.000
10:00:00	20.1	17.8	16.2	17.4	8.3	7.9	7.9	7.7	0.015	0.000	0.007	0.000
10:15:00	18.4	17.1	17.2	16.6	7.7	7.6	7.4	7.7	0.004	0.000	0.007	0.000
10:30:00	18.3	16.0	17.0	18.4	7.5	7.4	7.5	7.5	0.000	0.000	0.000	0.002
10:45:00	104.4	15.4	14.9	15.0	17.0	6.9	6.8	7.0	0.000	0.000	0.000	0.000
11:00:00	16.9	16.0	15.2	14.6	7.1	7.3	6.8	6.9	0.000	0.000	0.000	0.000
11:15:00	15.5	15.7	14.0	13.9	6.8	7.2	6.7	6.6	0.000	0.000	0.000	0.000
11:30:00	15.4	15.1	13.5	14.2	6.8	7.1	6.7	6.5	0.000	0.000	0.000	0.000
11:45:00	15.8	15.5	15.6	13.8	6.7	6.9	6.5	6.7	0.000	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	18.6	14.7	13.3	14.1	6.9	6.9	6.4	6.1	0.000	0.000	0.000	0.000
12:15:00	15.0	14.3	12.5	13.5	5.9	6.6	6.1	5.8	0.000	0.000	0.000	0.000
12:30:00	14.4	13.4	13.7	14.4	6.4	6.5	7.0	7.0	0.000	0.000	0.000	0.000
12:45:00	15.5	16.1	16.2	14.8	7.6	8.7	7.9	9.1	0.000	0.000	0.000	0.000
13:00:00	15.0	16.5	17.0	16.3	7.5	8.9	8.6	9.9	0.000	0.000	0.000	0.000
13:15:00	15.4	15.2	13.9	16.0	7.5	7.8	7.7	7.1	0.000	0.000	0.000	0.000
13:30:00	14.9	14.9	13.4	14.0	7.0	7.5	7.2	6.7	0.000	0.000	0.000	0.000
13:45:00	15.1	14.6	13.5	15.0	7.2	7.5	7.5	7.3	0.000	0.000	0.000	0.000
14:00:00	52.3	14.8	14.0	13.8	12.0	7.4	7.3	7.5	0.000	0.000	0.000	0.000
14:15:00	15.1	14.1	14.3	14.7	7.6	7.2	8.3	7.7	0.000	0.000	0.000	0.000
14:30:00	13.9	14.0	14.2	14.5	7.1	7.0	8.1	7.8	0.000	0.000	0.000	0.000
14:45:00	15.8	14.4	14.6	15.9	8.4	7.5	8.9	8.4	0.000	0.000	0.000	0.000
15:00:00	48.0	14.7	15.4	16.4	12.8	7.9	9.3	9.0	0.000	0.000	0.000	0.000
15:15:00	104.4	14.0	16.0	18.1	18.1	7.2	9.7	8.8	0.000	0.000	0.000	0.000
15:30:00	13.2	13.6	14.9	15.4	6.4	7.1	8.9	8.3	0.000	0.000	0.000	0.000
15:45:00	13.4	13.5	14.8	14.4	6.3	6.9	7.7	7.8	0.000	0.000	0.000	0.000
16:00:00	14.0	13.7	13.4	13.2	6.5	6.9	6.7	6.9	0.000	0.000	0.000	0.000
16:15:00	13.3	13.2	17.0	13.6	6.0	6.6	7.1	7.2	0.000	0.000	0.000	0.000
16:30:00	13.4	13.1	13.1	14.1	6.3	6.4	7.1	6.7	0.000	0.000	0.000	0.000
16:45:00	13.9	13.4	13.6	13.3	6.4	6.6	7.0	6.8	0.000	0.000	0.000	0.000
17:00:00	13.5	13.0	12.4	12.8	6.3	6.5	6.6	6.4	0.000	0.000	0.000	0.000
17:15:00	13.7	13.3	15.1	12.4	6.2	6.5	6.4	6.7	0.000	0.000	0.000	0.000
17:30:00	13.8	13.5	12.5	12.4	6.2	6.5	6.1	6.0	0.000	0.000	0.000	0.000
17:45:00	13.4	12.7	12.7	12.6	6.1	6.4	6.2	6.0	0.000	0.000	0.000	0.000
18:00:00	13.9	13.0	12.8	12.1	6.2	6.3	6.0	6.0	0.000	0.000	0.000	0.000
18:15:00	14.2	12.8	12.5	12.9	6.2	6.2	6.0	5.9	0.000	0.000	0.000	0.000
18:30:00	14.5	13.2	12.5	13.3	6.3	6.4	6.1	5.9	0.000	0.000	0.000	0.000
18:45:00	15.0	13.6	14.4	13.7	6.3	6.4	6.1	6.1	0.000	0.000	0.000	0.000
19:00:00	16.0	14.5	14.2	15.4	6.3	6.4	6.5	6.0	0.002	0.003	0.000	0.000
19:15:00	16.4	14.6	15.4	15.2	6.4	6.4	6.4	6.2	0.059	0.016	0.000	0.028
19:30:00	16.1	14.4	16.3	15.0	6.4	6.3	6.3	6.4	0.108	0.020	0.000	0.064
19:45:00	16.0	14.4	19.4	13.8	6.3	6.2	6.2	7.1	0.117	0.022	0.000	0.075
20:00:00	15.7	13.9	25.9	13.8	6.4	6.3	6.2	8.6	0.121	0.020	0.000	0.084
20:15:00	15.5	14.2	19.1	13.7	6.5	6.5	6.3	7.0	0.135	0.020	0.023	0.084
20:30:00	16.7	14.1	14.2	14.2	6.7	6.4	6.4	6.2	0.161	0.021	0.082	0.094
20:45:00	15.3	14.5	15.5	13.7	6.6	6.5	6.4	6.6	0.182	0.021	0.121	0.101
21:00:00	15.5	13.8	14.3	13.8	6.5	6.5	6.4	6.5	0.197	0.021	0.155	0.105
21:15:00	16.3	13.7	14.1	14.9	6.7	6.5	6.6	6.4	0.212	0.022	0.171	0.106
21:30:00	24.2	13.9	15.1	22.5	8.2	6.5	7.9	6.5	0.223	0.022	0.187	0.114
21:45:00	17.4	14.3	26.1	15.9	6.9	6.6	6.9	8.5	0.230	0.022	0.196	0.112
22:00:00	17.1	15.3	16.8	15.1	7.0	6.8	6.8	6.5	0.232	0.021	0.204	0.120
22:15:00	15.5	14.8	20.1	15.2	6.7	6.6	6.8	7.0	0.233	0.021	0.213	0.127
22:30:00	16.0	14.6	106.5	14.8	6.7	6.6	6.6	22.1	0.237	0.020	0.217	0.118
22:45:00	15.2	14.7	18.0	14.0	6.6	6.7	6.4	6.9	0.233	0.019	0.220	0.111
23:00:00	14.4	14.4	17.2	13.4	6.4	6.5	6.2	6.9	0.230	0.018	0.217	0.104
23:15:00	13.9	14.5	15.9	13.5	6.4	6.4	6.2	6.6	0.225	0.017	0.214	0.100
23:30:00	16.0	14.2	19.1	39.1	6.7	6.4	10.5	7.2	0.219	0.015	0.210	0.090
23:45:00	14.4	14.2	28.3	15.9	6.4	6.4	6.8	9.1	0.208	0.013	0.208	0.083



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Table 4 : Summary of Exceedances (greater than Action Level) -

Minute of 15-min intv	Avg. 2943 - PM10 ( $\mu\text{g}/\text{m}^3$ )	Avg. 3061 - PM10 ( $\mu\text{g}/\text{m}^3$ )	Avg. 2996 - PM10 ( $\mu\text{g}/\text{m}^3$ )	Avg. 2997 - PM10 ( $\mu\text{g}/\text{m}^3$ )	Avg. 2943 - PM2.5 ( $\mu\text{g}/\text{m}^3$ )	Avg. 3061 - PM2.5 ( $\mu\text{g}/\text{m}^3$ )	Avg. 2996 - PM2.5 ( $\mu\text{g}/\text{m}^3$ )	Avg. 2997 - PM2.5 ( $\mu\text{g}/\text{m}^3$ )	Avg. 2943 - H2S (PPM)	Avg. 3061 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
08:00:00	237.6				39.8							
08:15:00	410.5				65.2							
08:30:00	238.7				42.9							