



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-04-04

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.157 to 6.532	2943 SE	3061 N	2996 ESE	2997 ENE	Min : 62.06 Max : 96.08	Min : 30.90 Max : 91.00	Min : 30.05 Max : 30.29

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	23.2	90.2	11.2	19.7	0.022	0.134
2996	20.0	122.5	10.0	18.5	0.015	0.108
2997	19.1	54.4	9.5	14.8	0.009	0.062
3061	19.0	48.6	10.3	37.6	0.001	0.009



Figure 1 : Monitoring Locations

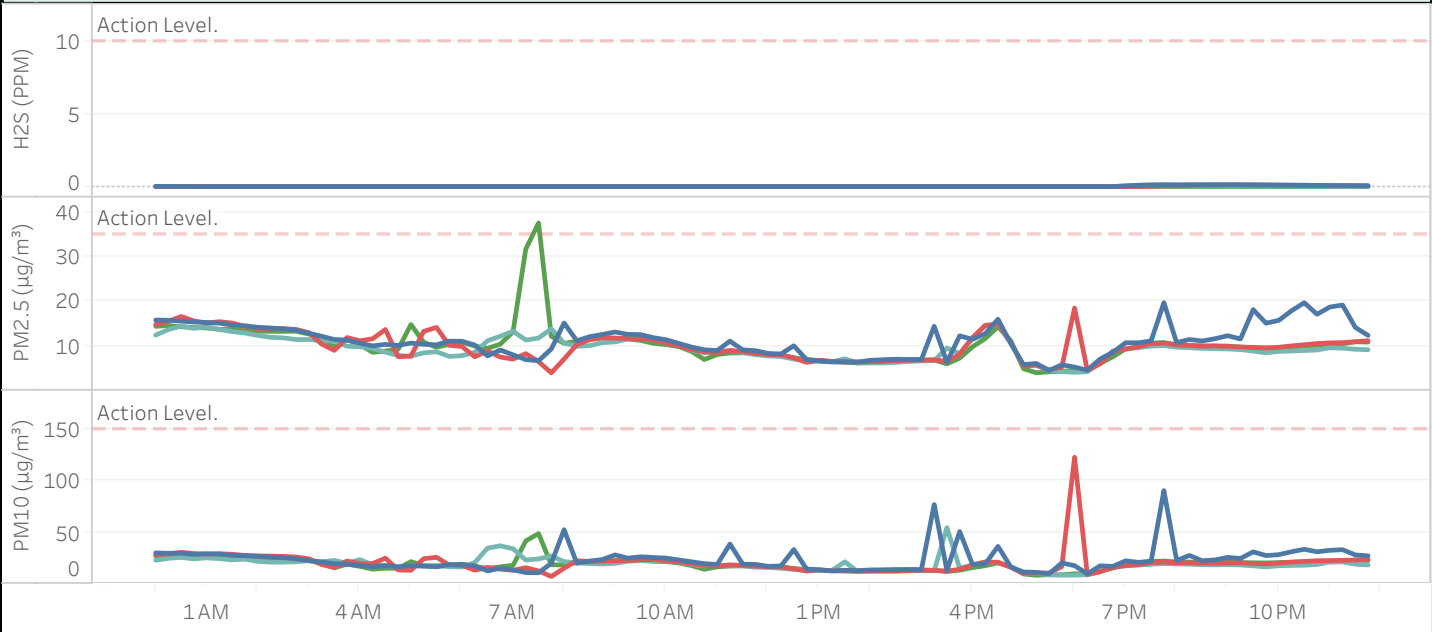


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2996 ■ 2997 ■ 3061



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Wind Rose Chart 2943

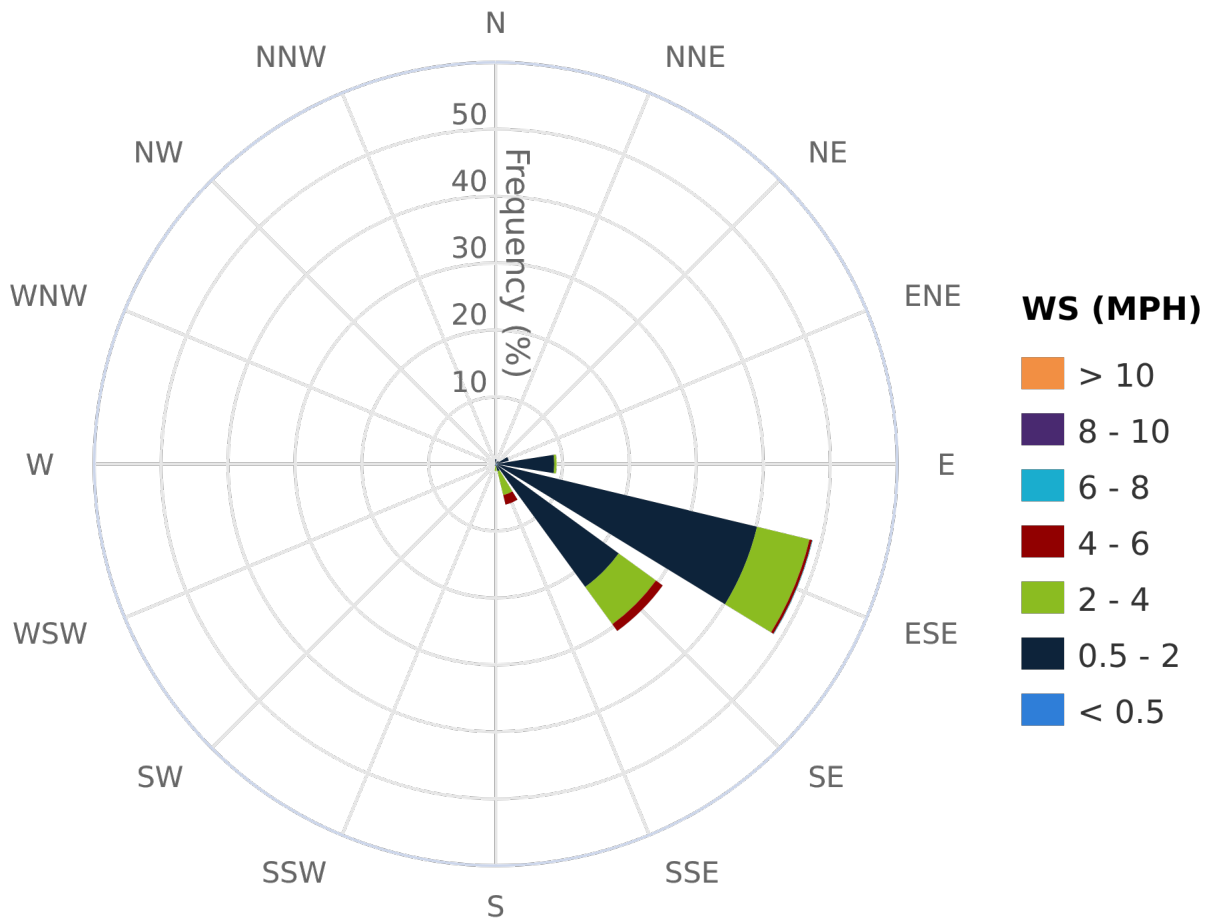


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

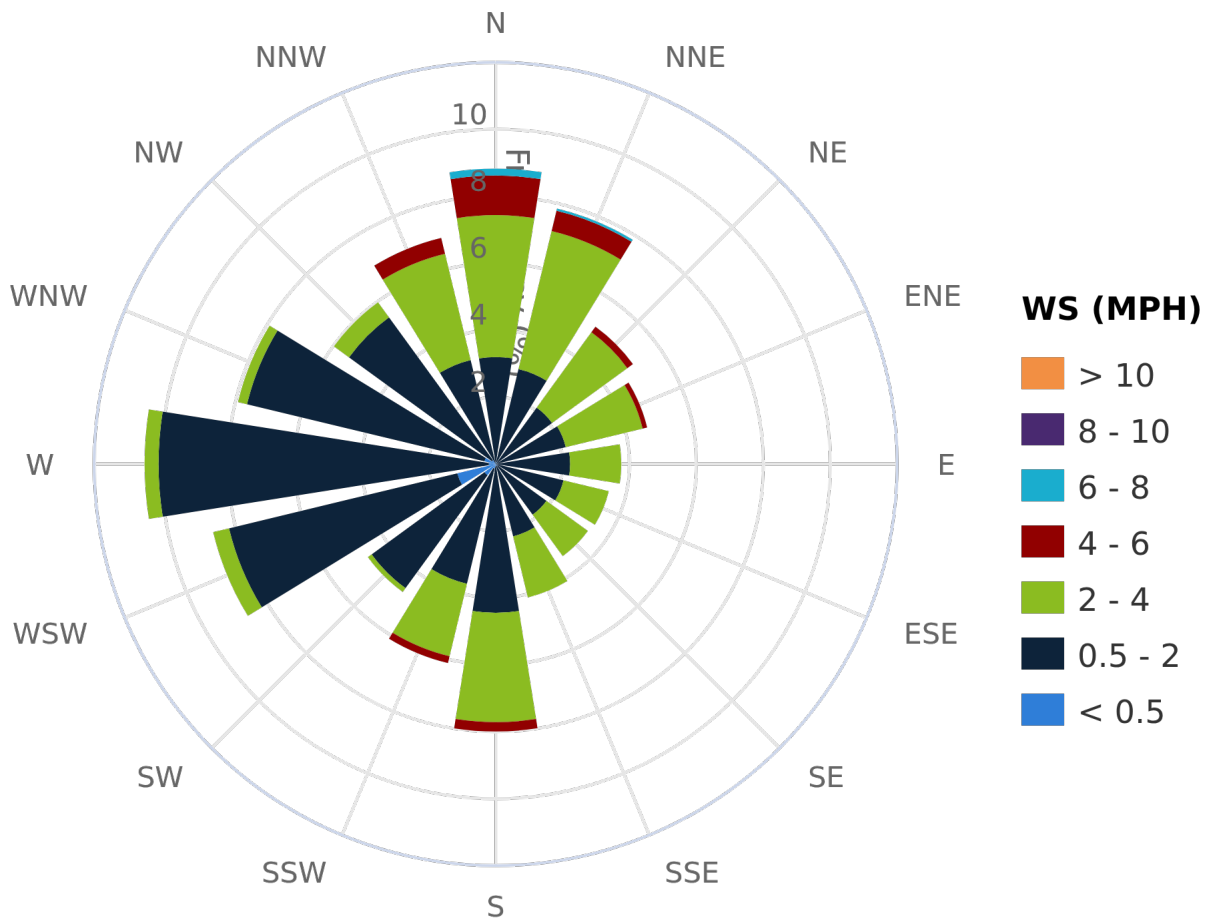


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

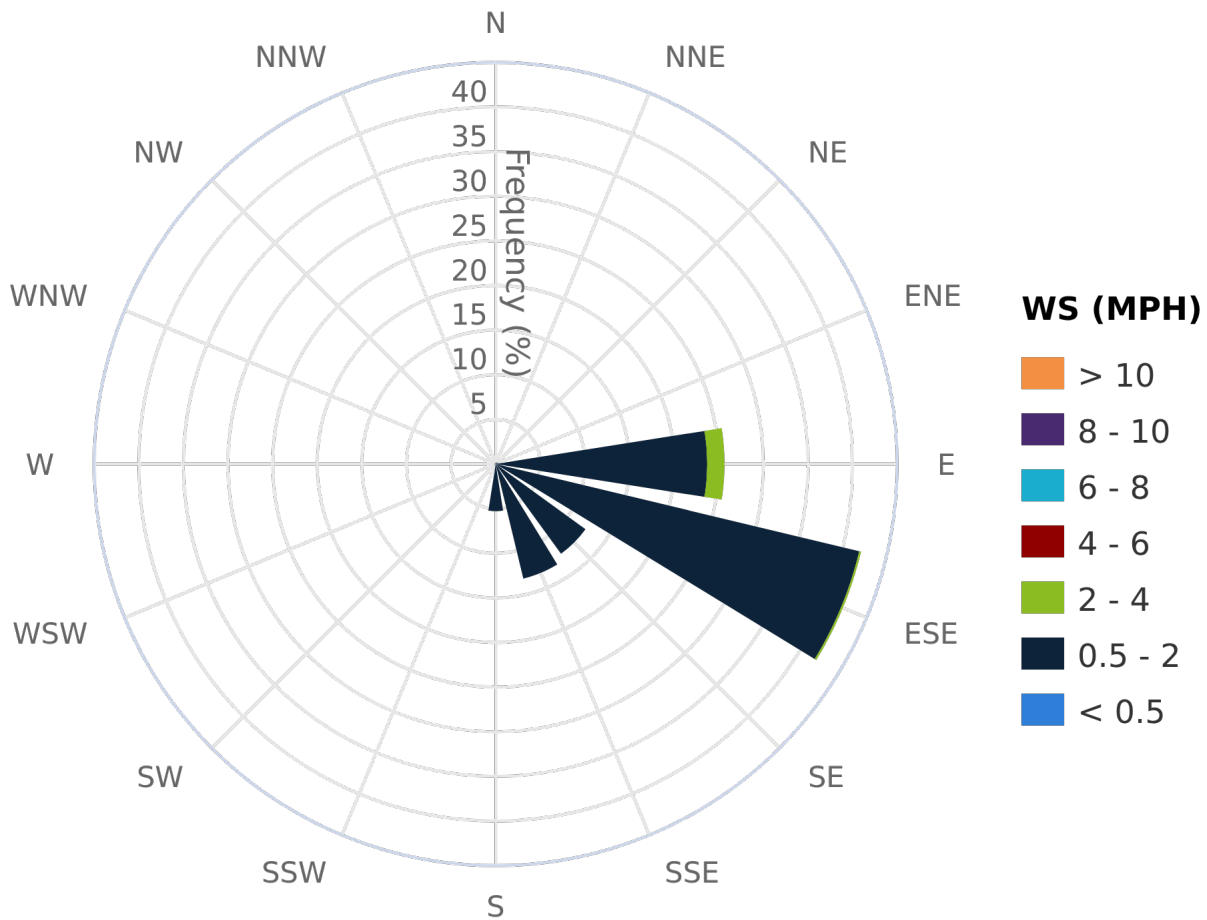


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

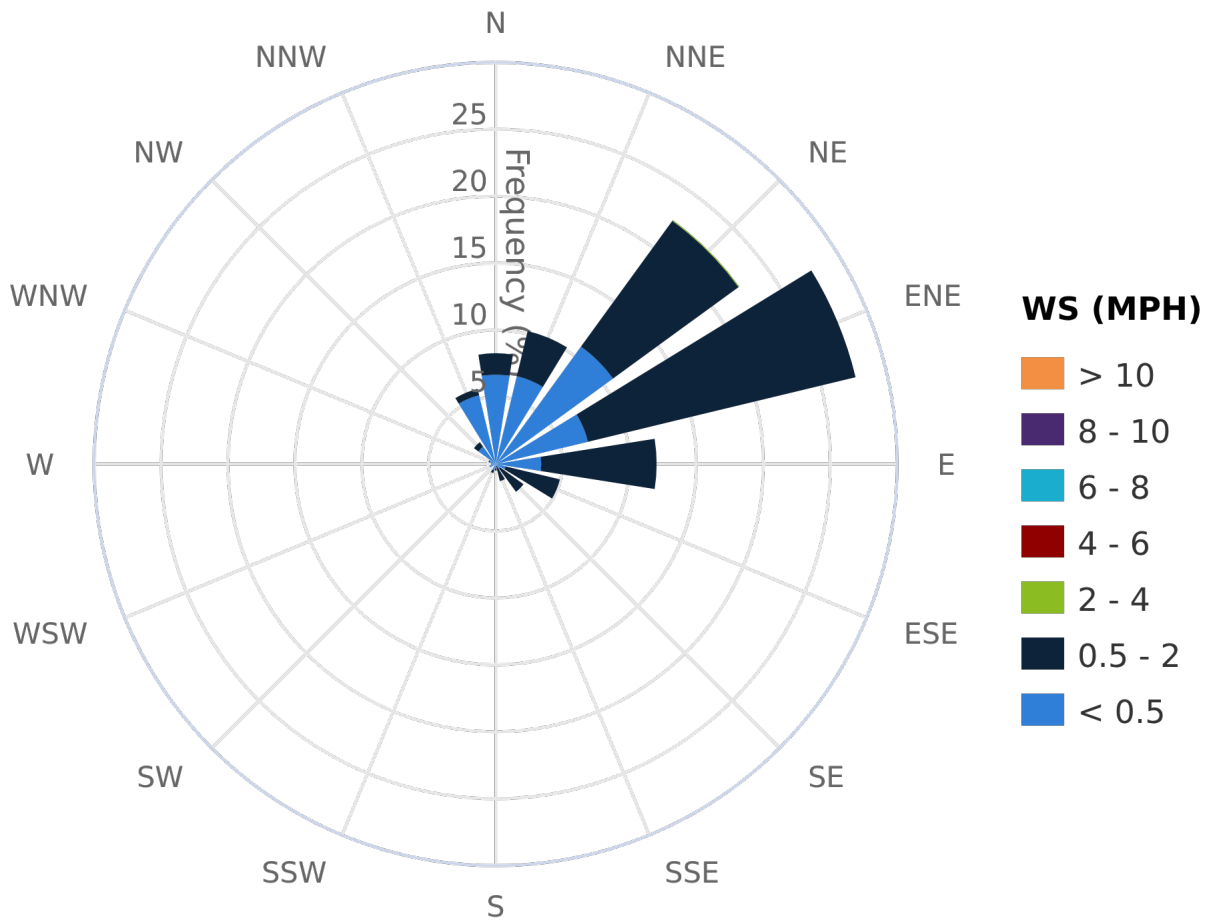


Figure 3 : Wind Rose Chart (WS in MPH)



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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	29.9	26.9	22.8	28.2	15.8	14.4	14.9	12.5	0.020	0.000	0.009	0.000
00:15:00	29.5	27.3	24.7	28.8	15.8	14.6	15.6	13.7	0.014	0.000	0.003	0.000
00:30:00	29.7	27.1	25.5	30.4	15.6	14.3	16.6	14.5	0.008	0.000	0.000	0.000
00:45:00	28.5	26.9	24.2	29.2	15.4	14.2	15.6	14.0	0.002	0.000	0.000	0.000
01:00:00	29.1	26.8	25.1	28.6	15.3	14.1	15.2	14.3	0.000	0.000	0.000	0.000
01:15:00	28.8	26.1	24.3	29.1	15.1	13.8	15.5	13.7	0.000	0.000	0.000	0.000
01:30:00	27.6	26.0	23.2	28.6	14.7	13.7	15.2	13.3	0.000	0.000	0.000	0.000
01:45:00	27.2	25.3	23.8	27.4	14.6	13.5	14.4	12.9	0.000	0.000	0.000	0.000
02:00:00	26.7	25.2	21.7	27.0	14.2	13.3	14.0	12.4	0.000	0.000	0.000	0.000
02:15:00	25.8	25.4	20.9	26.8	14.1	13.3	14.0	12.0	0.000	0.000	0.000	0.000
02:30:00	25.3	25.1	21.0	26.5	13.9	13.3	13.9	11.8	0.000	0.000	0.000	0.000
02:45:00	24.1	24.9	21.3	25.9	13.5	13.3	13.7	11.5	0.000	0.000	0.000	0.000
03:00:00	22.3	22.4	22.4	24.2	12.9	12.7	13.0	11.5	0.000	0.000	0.000	0.000
03:15:00	21.0	20.1	21.5	18.6	12.2	11.9	10.5	11.2	0.000	0.000	0.000	0.000
03:30:00	19.5	15.4	22.6	15.7	11.5	9.7	9.0	11.1	0.000	0.000	0.000	0.000
03:45:00	18.9	19.0	19.9	22.1	11.4	11.4	11.9	10.0	0.000	0.000	0.000	0.000
04:00:00	17.7	16.8	23.4	19.5	10.6	10.3	11.2	9.9	0.000	0.000	0.000	0.000
04:15:00	16.6	14.1	18.3	19.5	10.0	8.6	11.6	9.5	0.000	0.000	0.000	0.000
04:30:00	17.5	15.1	17.7	24.8	10.4	8.9	13.7	8.6	0.000	0.000	0.000	0.000
04:45:00	16.4	14.8	16.1	13.4	10.1	9.3	7.6	7.9	0.000	0.000	0.000	0.000
05:00:00	17.6	21.5	17.3	13.0	10.7	14.8	7.7	7.7	0.000	0.000	0.000	0.000
05:15:00	17.0	17.6	17.7	24.2	10.4	10.9	13.3	8.5	0.000	0.000	0.000	0.000
05:30:00	16.5	16.8	17.7	25.7	10.3	9.7	14.2	8.7	0.000	0.000	0.000	0.000
05:45:00	18.6	18.2	16.4	18.1	11.1	10.4	10.2	7.7	0.000	0.000	0.000	0.000
06:00:00	18.5	19.0	16.2	17.7	11.1	10.9	9.9	7.8	0.000	0.000	0.000	0.000
06:15:00	17.3	17.0	20.5	13.1	10.2	10.0	7.6	8.6	0.000	0.000	0.000	0.000
06:30:00	12.5	14.6	34.5	15.9	7.8	9.5	8.9	11.2	0.000	0.000	0.000	0.000
06:45:00	15.0	16.4	36.8	14.2	9.1	10.4	7.5	12.2	0.000	0.000	0.000	0.000
07:00:00	13.5	17.8	33.9	13.0	8.0	13.2	7.1	13.3	0.000	0.000	0.000	0.000
07:15:00	10.9	41.5	22.9	15.6	7.0	31.7	8.3	11.4	0.000	0.000	0.000	0.000
07:30:00	10.6	48.6	24.1	12.4	6.7	37.6	6.5	11.8	0.000	0.000	0.000	0.000
07:45:00	19.9	18.5	26.9	7.1	9.4	12.2	4.0	13.9	0.000	0.000	0.000	0.000
08:00:00	52.4	18.2	21.4	15.0	15.2	10.6	7.1	10.7	0.000	0.000	0.000	0.000
08:15:00	19.8	20.5	20.5	22.3	11.2	11.1	10.3	10.0	0.000	0.000	0.000	0.000
08:30:00	21.9	21.9	19.5	21.7	12.1	11.7	11.4	10.1	0.000	0.000	0.000	0.000
08:45:00	23.5	22.2	19.2	21.9	12.6	11.9	11.8	10.8	0.000	0.000	0.000	0.000
09:00:00	28.0	22.3	19.8	22.2	13.2	11.8	11.8	10.9	0.000	0.000	0.000	0.000
09:15:00	24.8	22.2	21.9	22.6	12.6	11.6	11.7	11.6	0.000	0.000	0.000	0.000
09:30:00	26.1	22.6	22.4	23.3	12.6	11.3	11.6	11.7	0.000	0.000	0.000	0.000
09:45:00	25.4	21.8	22.4	23.4	11.9	10.6	11.4	11.5	0.000	0.000	0.000	0.000
10:00:00	24.8	21.5	22.3	22.4	11.4	10.3	10.7	10.8	0.001	0.000	0.000	0.000
10:15:00	23.1	20.1	20.9	21.2	10.6	9.9	10.0	10.1	0.001	0.000	0.000	0.000
10:30:00	21.2	17.6	18.6	19.3	9.8	8.8	9.2	9.1	0.000	0.000	0.000	0.002
10:45:00	19.5	14.0	17.3	17.8	9.2	7.0	8.7	8.5	0.000	0.000	0.000	0.010
11:00:00	18.7	16.4	18.0	17.1	9.0	8.1	8.5	8.8	0.000	0.000	0.000	0.014
11:15:00	38.5	17.2	18.0	18.2	11.1	8.4	9.0	8.9	0.000	0.000	0.000	0.013
11:30:00	19.0	17.3	17.3	17.8	9.1	8.5	8.7	8.5	0.000	0.000	0.000	0.013
11:45:00	18.7	17.2	16.1	17.1	9.0	8.4	8.4	8.1	0.000	0.000	0.000	0.012



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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	16.9	16.1	15.9	16.4	8.3	8.1	8.1	7.8	0.000	0.000	0.000	0.003
12:15:00	17.2	16.0	15.0	16.3	8.2	7.8	8.0	7.6	0.000	0.000	0.000	0.000
12:30:00	33.2	14.8	13.9	14.5	10.1	7.4	7.4	7.1	0.000	0.000	0.000	0.000
12:45:00	14.3	13.8	13.2	12.3	7.0	7.0	6.3	6.7	0.000	0.000	0.000	0.000
13:00:00	13.5	13.3	12.9	13.5	6.6	6.8	6.8	6.6	0.000	0.000	0.000	0.000
13:15:00	12.4	12.8	13.0	12.6	6.4	6.5	6.5	6.4	0.000	0.000	0.000	0.000
13:30:00	13.1	12.6	21.3	12.4	6.5	6.4	6.4	7.1	0.000	0.000	0.000	0.000
13:45:00	12.7	12.0	11.8	12.3	6.4	6.2	6.5	6.2	0.000	0.000	0.000	0.000
14:00:00	13.4	12.7	12.0	12.5	6.8	6.5	6.5	6.2	0.000	0.000	0.000	0.000
14:15:00	13.5	13.2	11.9	12.6	6.9	6.8	6.6	6.2	0.000	0.000	0.000	0.000
14:30:00	13.5	13.6	11.9	12.7	7.0	7.0	6.7	6.3	0.000	0.000	0.000	0.000
14:45:00	13.8	13.4	12.5	12.8	7.0	6.9	6.8	6.5	0.000	0.000	0.000	0.000
15:00:00	13.8	13.4	12.6	13.1	7.0	6.9	6.9	6.7	0.000	0.000	0.000	0.000
15:15:00	76.7	13.0	12.5	13.0	14.4	6.9	6.9	6.7	0.000	0.000	0.000	0.000
15:30:00	12.7	11.9	54.4	12.2	6.4	6.0	6.6	9.6	0.000	0.000	0.000	0.000
15:45:00	50.6	13.2	15.0	14.1	12.3	7.3	8.2	8.3	0.000	0.000	0.000	0.000
16:00:00	18.9	15.6	18.1	18.1	11.5	9.8	11.9	11.7	0.000	0.000	0.000	0.000
16:15:00	19.2	17.5	21.2	21.0	12.8	11.7	14.6	14.7	0.000	0.000	0.000	0.000
16:30:00	36.2	20.3	20.6	20.9	16.0	14.3	15.0	14.8	0.000	0.000	0.000	0.000
16:45:00	16.3	16.5	16.0	16.0	10.6	11.2	10.8	10.7	0.000	0.000	0.000	0.000
17:00:00	11.4	9.5	10.1	10.0	5.8	4.9	5.5	5.6	0.000	0.000	0.000	0.000
17:15:00	11.1	8.2	10.0	10.3	6.1	4.0	5.8	5.7	0.000	0.000	0.000	0.000
17:30:00	9.6	8.7	8.6	10.5	4.5	4.2	4.6	4.4	0.000	0.000	0.000	0.000
17:45:00	20.2	8.7	8.4	16.6	5.8	4.3	5.3	4.2	0.000	0.000	0.000	0.000
18:00:00	17.5	9.6	8.4	122.5	5.3	4.5	18.5	4.1	0.000	0.000	0.000	0.000
18:15:00	9.6	9.5	8.7	9.0	4.6	4.6	4.6	4.2	0.000	0.000	0.000	0.000
18:30:00	17.4	12.3	11.6	11.6	7.1	6.1	6.0	6.2	0.000	0.000	0.000	0.000
18:45:00	16.8	15.2	16.6	15.9	8.6	7.6	8.7	9.0	0.000	0.000	0.000	0.010
19:00:00	22.2	18.5	17.4	17.6	10.7	9.4	9.4	9.3	0.054	0.006	0.000	0.044
19:15:00	20.8	19.3	18.1	18.5	10.7	9.8	9.8	9.6	0.096	0.008	0.000	0.057
19:30:00	21.9	21.6	18.9	20.5	11.2	10.7	10.5	10.0	0.124	0.009	0.013	0.062
19:45:00	90.2	22.0	19.6	21.0	19.7	10.8	10.7	10.1	0.134	0.009	0.041	0.061
20:00:00	22.5	21.2	19.1	20.3	10.8	10.3	10.3	9.7	0.126	0.009	0.056	0.059
20:15:00	27.4	21.1	19.0	20.2	11.5	10.1	10.2	9.6	0.130	0.007	0.079	0.059
20:30:00	22.3	20.7	18.5	20.0	11.1	10.1	10.0	9.5	0.134	0.007	0.093	0.056
20:45:00	23.1	21.0	18.4	20.0	11.7	9.9	10.1	9.4	0.134	0.008	0.101	0.053
21:00:00	25.6	21.6	18.5	20.1	12.3	10.0	9.9	9.4	0.133	0.007	0.106	0.050
21:15:00	24.5	20.5	18.2	20.3	11.6	9.7	9.8	9.2	0.129	0.006	0.108	0.046
21:30:00	30.9	20.3	17.4	19.6	18.2	9.7	9.7	8.9	0.123	0.005	0.105	0.043
21:45:00	27.3	20.2	16.3	19.4	15.1	9.6	9.5	8.5	0.117	0.005	0.100	0.037
22:00:00	28.2	20.5	17.5	20.0	15.8	9.7	9.7	8.8	0.109	0.004	0.096	0.033
22:15:00	31.0	20.9	17.8	21.0	17.9	9.7	10.0	8.9	0.100	0.004	0.093	0.030
22:30:00	33.4	20.9	18.0	21.7	19.7	10.1	10.3	9.0	0.095	0.003	0.086	0.023
22:45:00	31.0	21.3	18.6	22.3	17.1	10.2	10.6	9.1	0.083	0.003	0.080	0.019
23:00:00	32.4	21.1	21.2	22.5	18.8	10.3	10.7	9.6	0.075	0.003	0.075	0.015
23:15:00	33.0	21.6	21.2	22.7	19.2	10.5	10.8	9.5	0.067	0.002	0.069	0.010
23:30:00	27.9	23.0	19.0	23.0	14.2	11.0	11.0	9.3	0.061	0.001	0.064	0.005
23:45:00	27.0	22.5	18.2	23.6	12.4	10.9	11.2	9.2	0.051	0.000	0.059	0.000



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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)
07:30:00					37.6							