



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-03-21

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.134 to 6.286	2943 SE	3061 WSW	2996 WSW	2997 WNW	Min : 43.16 Max : 90.50	Min : 28.60 Max : 85.50	Min : 29.96 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	18.3	61.1	10.4	18.8	0.014	0.134
2996	15.6	21.7	10.2	14.9	0.030	0.144
2997	17.6	31.1	11.9	26.1	0.006	0.057
3061	16.9	52.7	11.6	44.8	0.001	0.011



Figure 1 : Monitoring Locations

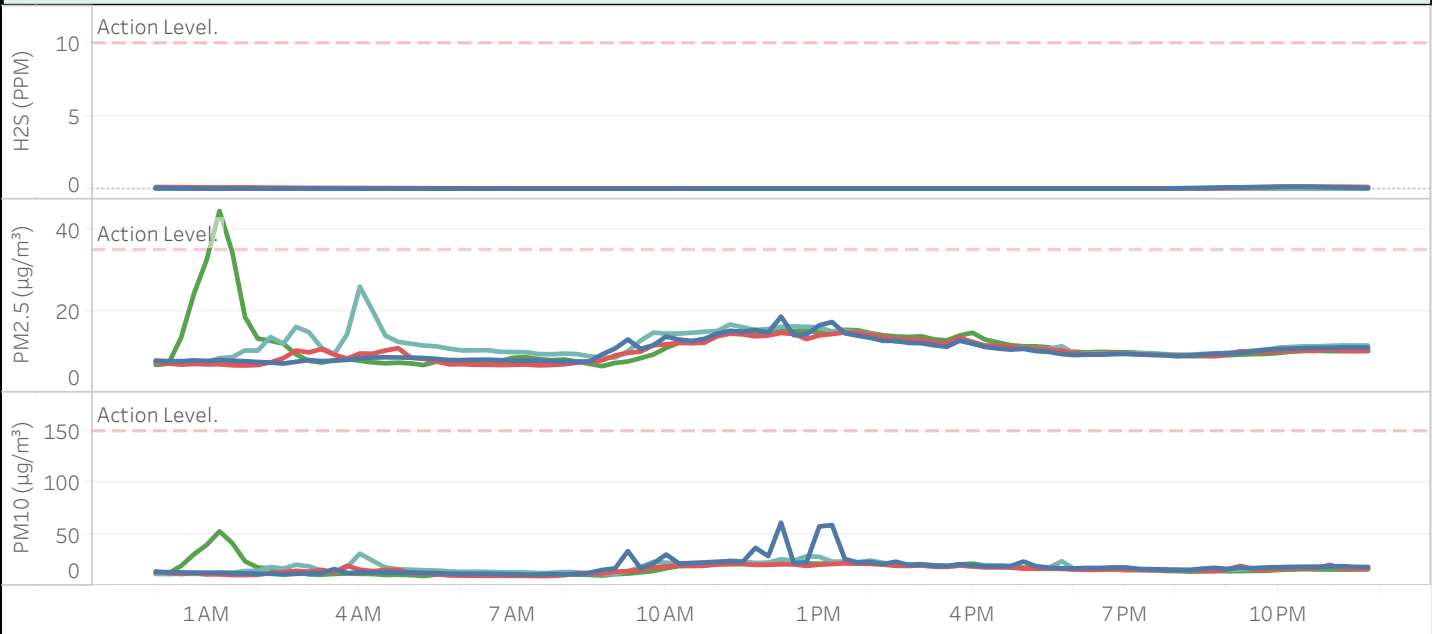


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2996 ■ 2997 ■ 3061



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Wind Rose Chart 2943

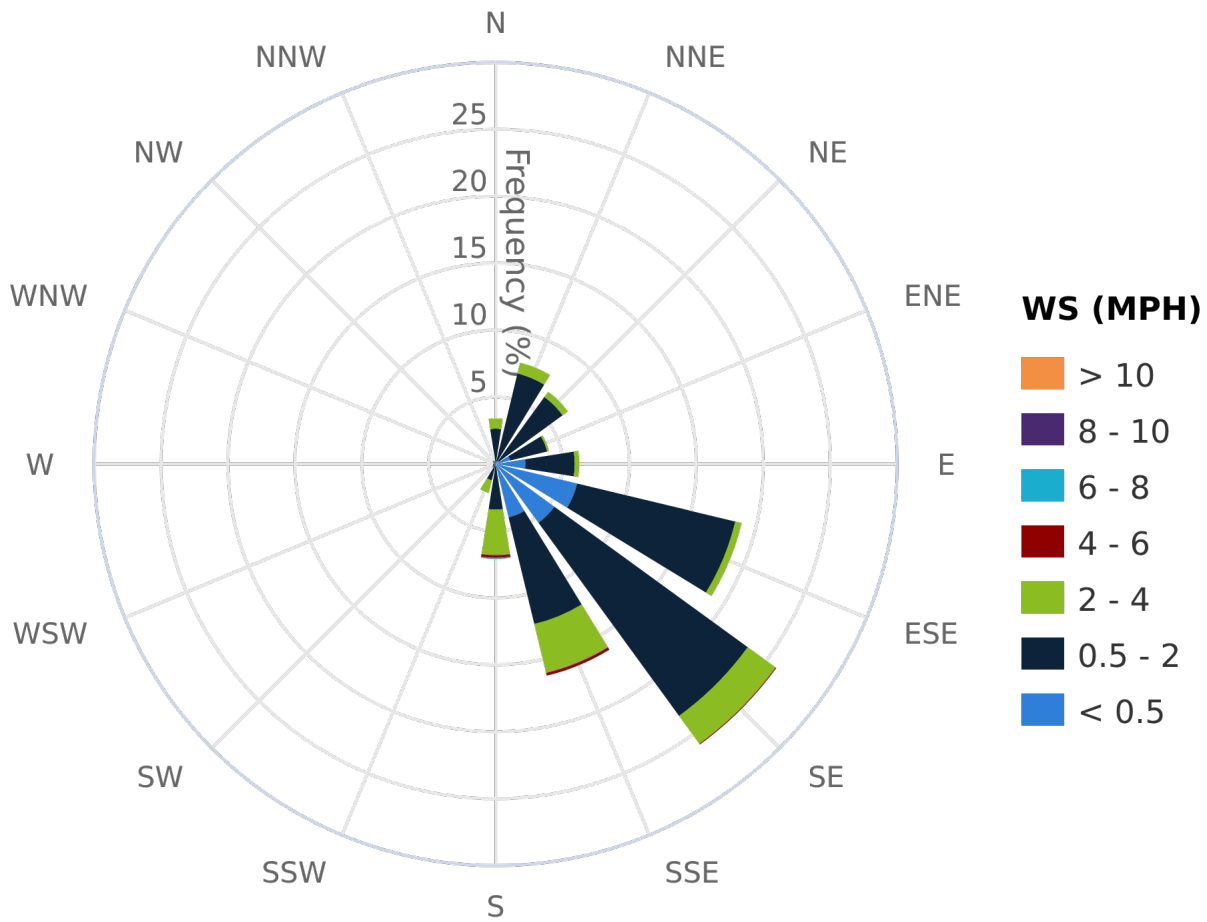


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

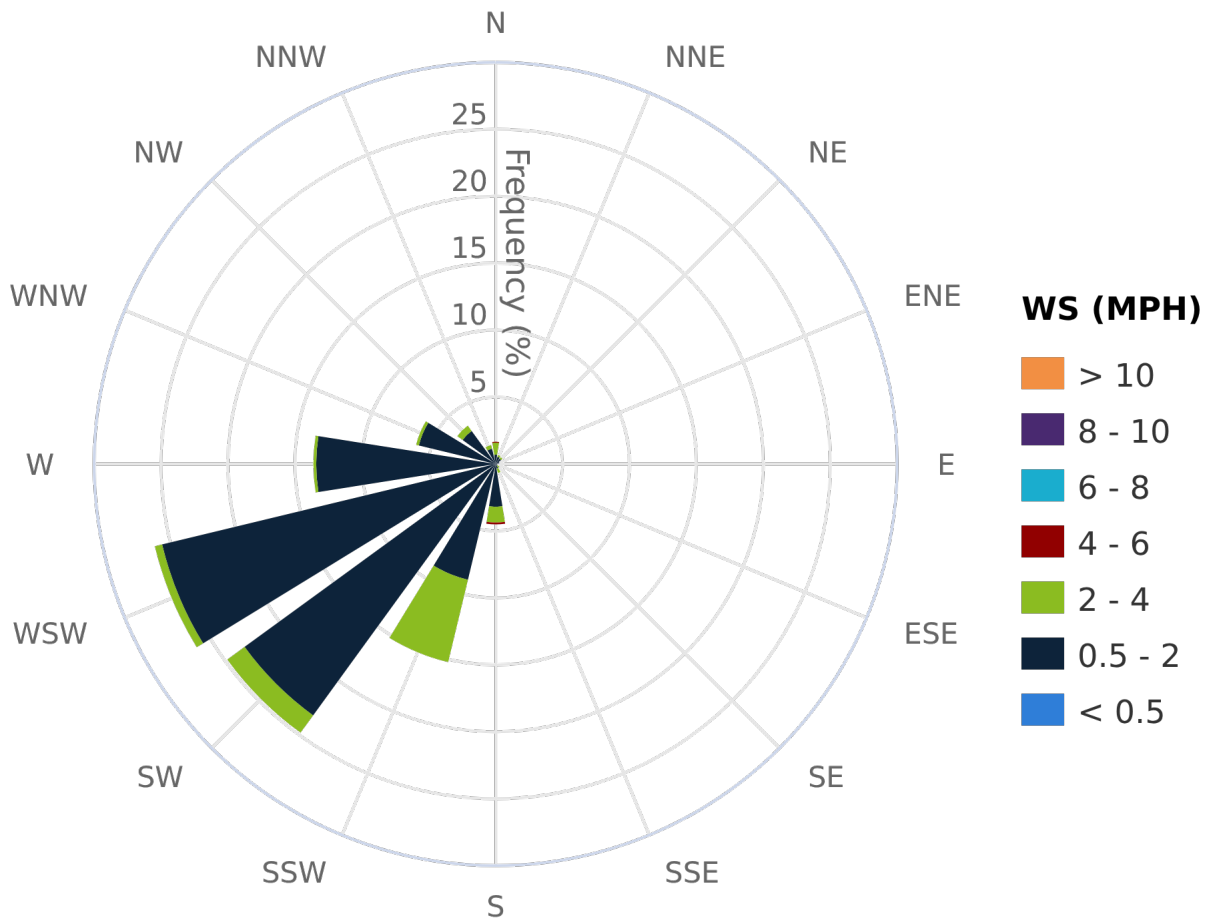


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

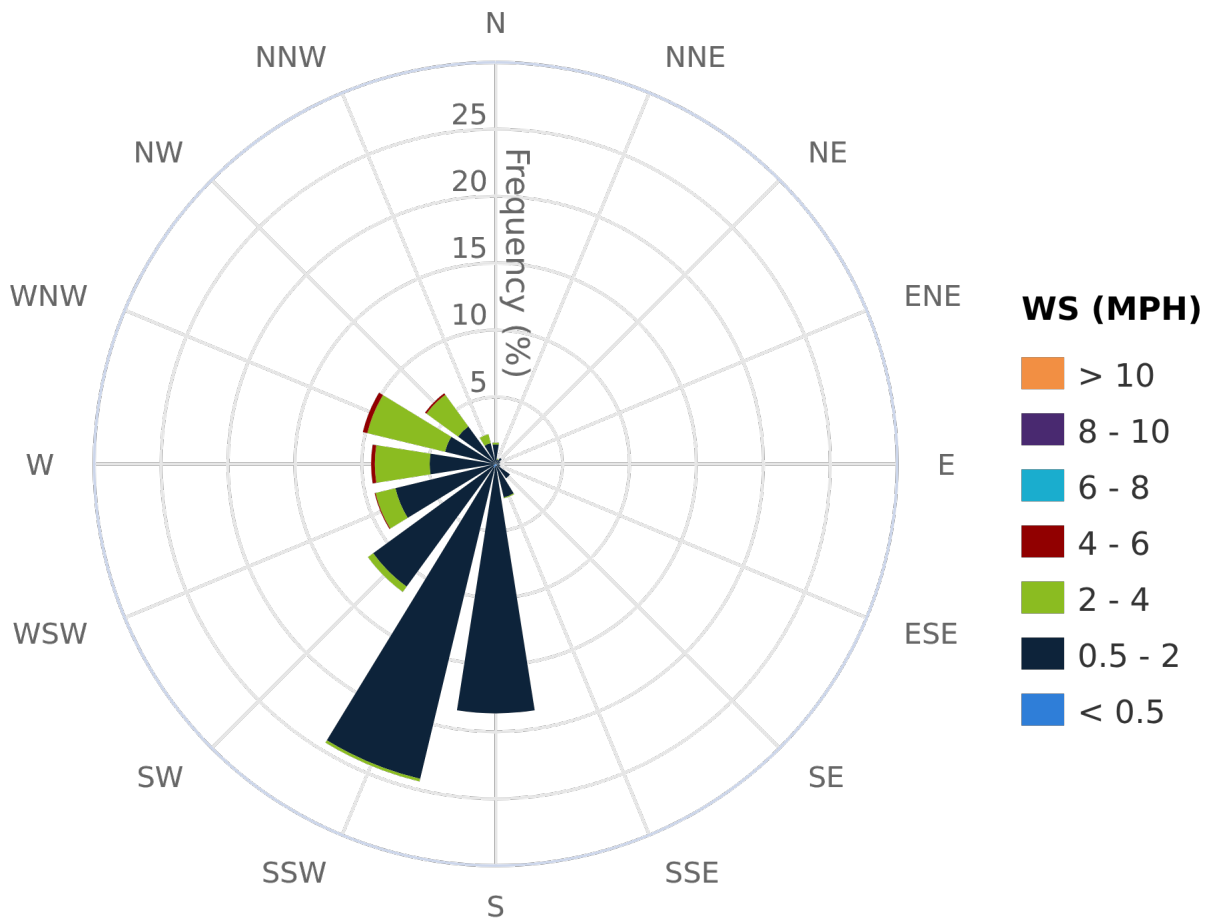


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

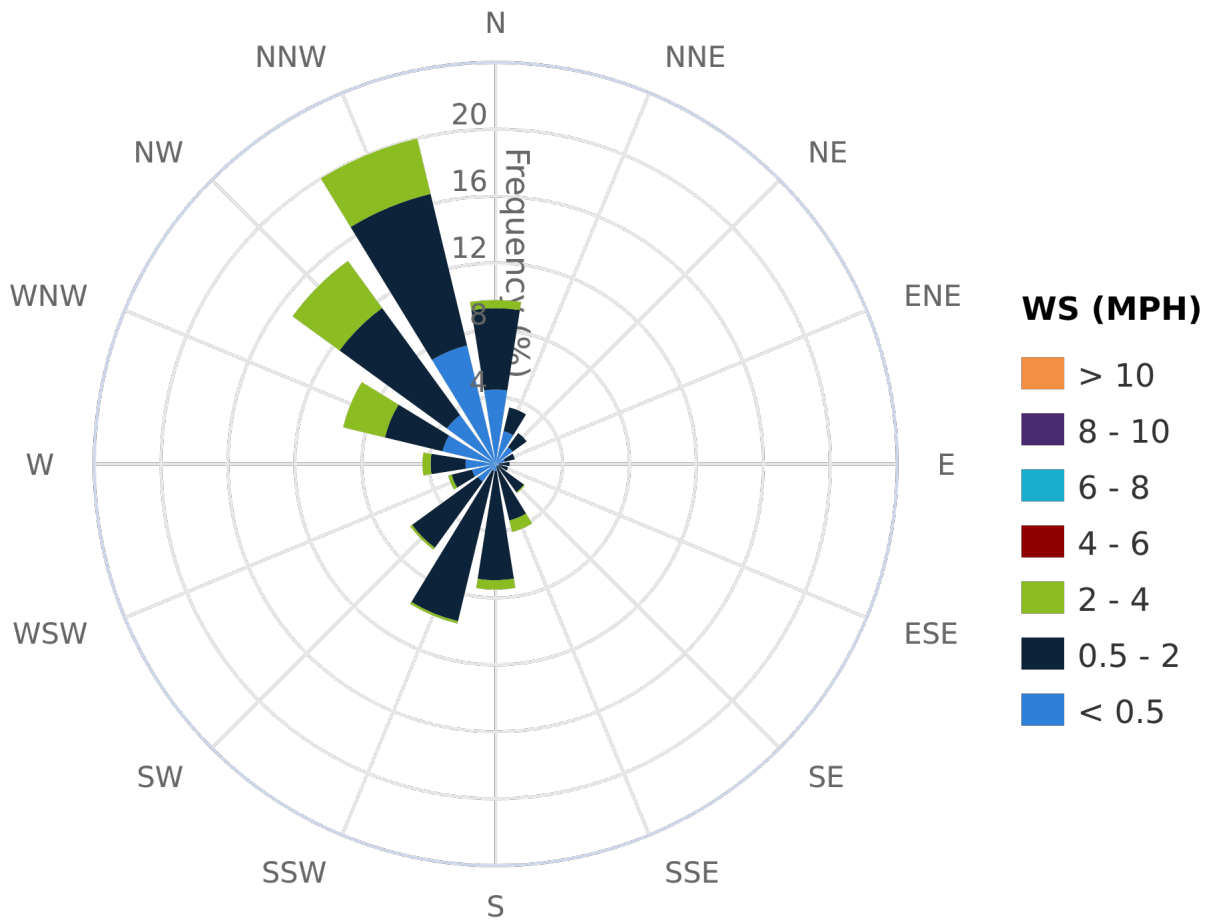


Figure 3 : Wind Rose Chart (WS in MPH)



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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	13.3	11.4	11.7	13.9	7.9	6.8	7.5	7.5	0.026	0.000	0.106	0.000
00:15:00	13.1	12.0	11.3	12.5	7.8	7.2	7.2	7.3	0.019	0.000	0.100	0.000
00:30:00	12.9	19.3	11.6	11.4	7.8	13.6	6.9	7.5	0.010	0.000	0.092	0.000
00:45:00	12.7	30.5	11.6	12.3	8.0	24.4	7.1	7.5	0.003	0.000	0.085	0.000
01:00:00	12.6	39.6	11.2	11.1	7.8	32.8	7.0	7.5	0.000	0.000	0.078	0.000
01:15:00	12.6	52.7	12.7	11.0	8.0	44.8	7.0	8.5	0.000	0.000	0.075	0.000
01:30:00	12.1	41.4	12.7	10.4	7.9	34.7	6.8	8.8	0.000	0.000	0.079	0.000
01:45:00	12.0	23.7	14.2	10.4	7.8	18.7	6.7	10.4	0.000	0.000	0.082	0.000
02:00:00	11.7	17.7	14.5	10.7	7.6	13.3	6.8	10.4	0.000	0.000	0.074	0.000
02:15:00	11.7	16.8	18.2	12.3	7.4	12.8	7.5	13.7	0.000	0.000	0.062	0.000
02:30:00	10.8	15.9	16.6	13.0	7.2	12.1	8.5	12.1	0.000	0.000	0.060	0.000
02:45:00	11.6	13.1	20.4	14.4	7.6	9.5	10.4	16.2	0.000	0.000	0.051	0.000
03:00:00	12.2	11.0	18.8	13.7	8.0	7.9	9.9	14.9	0.000	0.000	0.048	0.000
03:15:00	12.2	10.7	14.8	15.3	7.8	7.4	10.8	11.1	0.000	0.000	0.043	0.000
03:30:00	16.2	11.5	13.3	13.2	7.9	8.0	9.3	9.6	0.000	0.000	0.041	0.000
03:45:00	12.3	11.9	18.1	19.4	8.1	8.3	8.4	14.4	0.000	0.000	0.040	0.000
04:00:00	12.9	11.6	31.1	15.6	8.5	7.9	9.7	26.1	0.000	0.000	0.038	0.000
04:15:00	12.8	11.4	24.3	14.2	8.7	7.5	9.6	20.2	0.000	0.000	0.036	0.000
04:30:00	13.1	10.4	17.7	15.2	8.7	7.2	10.4	14.1	0.000	0.000	0.033	0.000
04:45:00	12.9	10.7	16.1	15.3	8.7	7.4	11.0	12.5	0.000	0.000	0.030	0.000
05:00:00	12.8	10.3	15.5	12.3	8.6	7.2	8.6	12.1	0.000	0.000	0.029	0.000
05:15:00	12.5	9.4	15.1	12.0	8.5	6.8	8.3	11.6	0.000	0.000	0.025	0.000
05:30:00	12.3	10.9	14.7	11.3	8.3	7.7	7.7	11.4	0.000	0.000	0.022	0.000
05:45:00	11.7	10.5	14.0	10.1	8.0	7.5	7.0	10.9	0.000	0.000	0.020	0.000
06:00:00	11.5	10.2	13.5	9.8	8.0	7.5	7.0	10.4	0.000	0.000	0.019	0.000
06:15:00	11.6	10.3	13.7	9.7	8.1	7.5	6.9	10.5	0.000	0.000	0.018	0.000
06:30:00	11.6	10.4	13.5	9.6	8.1	7.6	6.9	10.5	0.000	0.000	0.017	0.000
06:45:00	11.4	10.8	13.0	9.7	8.0	7.8	6.8	10.1	0.000	0.000	0.018	0.000
07:00:00	11.0	12.0	13.1	9.6	7.9	8.6	6.9	10.0	0.000	0.000	0.018	0.000
07:15:00	10.8	12.0	12.9	9.7	7.9	8.7	6.9	10.0	0.000	0.000	0.015	0.000
07:30:00	10.9	11.5	12.3	9.4	7.9	8.3	6.7	9.5	0.000	0.000	0.018	0.000
07:45:00	11.5	11.1	12.4	9.5	7.8	8.0	6.8	9.5	0.000	0.000	0.013	0.000
08:00:00	11.1	11.7	13.4	10.3	7.6	8.2	7.0	9.6	0.000	0.000	0.014	0.000
08:15:00	11.2	10.9	13.1	12.0	7.6	7.7	7.4	9.5	0.000	0.000	0.007	0.000
08:30:00	12.7	10.6	11.9	11.8	7.7	7.1	7.6	9.0	0.000	0.000	0.004	0.000
08:45:00	15.3	9.9	11.4	11.9	9.5	6.5	8.0	8.6	0.000	0.000	0.004	0.000
09:00:00	16.8	11.2	11.4	13.6	10.9	7.3	9.2	8.7	0.000	0.000	0.000	0.000
09:15:00	33.6	11.8	14.0	14.2	13.1	7.7	9.8	10.2	0.000	0.000	0.000	0.000
09:30:00	16.9	13.0	18.2	15.6	10.8	8.5	10.1	12.8	0.000	0.000	0.000	0.000
09:45:00	21.6	14.3	23.2	17.6	11.7	9.4	11.7	14.8	0.000	0.000	0.000	0.000
10:00:00	30.2	17.0	22.3	18.6	13.8	11.0	11.9	14.6	0.000	0.000	0.001	0.000
10:15:00	21.7	19.0	21.6	20.0	13.1	12.3	12.3	14.6	0.004	0.000	0.001	0.000
10:30:00	21.8	19.3	22.2	19.2	12.7	12.5	12.2	14.8	0.000	0.000	0.000	0.000
10:45:00	22.6	19.5	22.1	19.5	13.3	12.7	12.3	15.0	0.000	0.000	0.000	0.003
11:00:00	23.2	21.7	22.2	20.5	14.6	14.2	13.9	15.2	0.000	0.000	0.000	0.002
11:15:00	23.8	22.0	24.3	20.9	15.2	15.2	14.6	16.8	0.000	0.000	0.000	0.000
11:30:00	23.2	22.0	23.5	20.9	15.0	15.1	14.4	16.2	0.000	0.000	0.000	0.000
11:45:00	36.7	21.3	22.1	20.2	15.5	14.7	13.9	15.5	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	28.6	21.0	22.5	20.3	14.8	14.8	14.1	15.7	0.000	0.000	0.000	0.000
12:15:00	61.1	21.7	25.7	20.8	18.8	15.2	14.7	16.2	0.000	0.000	0.000	0.000
12:30:00	21.9	21.7	24.4	20.7	14.2	15.2	14.5	16.4	0.000	0.000	0.000	0.000
12:45:00	22.8	21.6	28.5	19.2	14.4	15.3	13.2	16.3	0.000	0.000	0.000	0.000
13:00:00	57.5	21.3	28.0	20.5	16.6	14.8	14.1	16.1	0.000	0.000	0.000	0.000
13:15:00	58.7	22.1	23.3	21.1	17.4	15.1	14.5	15.1	0.000	0.000	0.000	0.000
13:30:00	25.9	22.7	23.4	21.7	14.6	15.5	14.9	15.3	0.000	0.000	0.000	0.000
13:45:00	22.6	22.4	22.7	21.4	14.1	15.4	14.8	14.9	0.000	0.000	0.000	0.000
14:00:00	22.9	21.3	24.4	21.2	13.5	14.7	14.3	14.5	0.000	0.000	0.000	0.000
14:15:00	21.1	21.1	22.3	20.6	12.8	14.2	13.8	13.6	0.000	0.000	0.000	0.000
14:30:00	23.3	20.7	19.5	19.3	12.8	13.9	13.1	12.6	0.000	0.000	0.000	0.000
14:45:00	20.1	20.6	20.6	19.2	12.3	13.8	13.0	12.6	0.000	0.000	0.000	0.000
15:00:00	20.5	20.9	19.5	19.8	12.2	13.9	13.1	12.4	0.000	0.000	0.000	0.000
15:15:00	19.4	19.8	19.0	18.5	11.7	13.1	12.4	12.0	0.000	0.000	0.000	0.000
15:30:00	19.0	19.3	18.6	18.3	11.3	12.9	12.2	11.8	0.000	0.000	0.000	0.000
15:45:00	20.8	20.6	19.5	19.7	12.9	14.1	13.6	12.8	0.000	0.000	0.000	0.000
16:00:00	19.8	21.4	18.9	18.8	12.1	14.8	12.5	12.1	0.000	0.000	0.000	0.000
16:15:00	18.9	19.6	19.3	17.8	11.3	13.1	11.6	11.5	0.000	0.000	0.000	0.000
16:30:00	18.9	19.3	19.8	17.9	10.9	12.4	11.6	11.4	0.000	0.000	0.000	0.000
16:45:00	19.2	18.1	18.7	17.6	10.6	11.7	11.3	11.2	0.000	0.000	0.000	0.000
17:00:00	23.4	17.7	17.1	16.7	10.8	11.4	11.0	11.0	0.000	0.000	0.000	0.000
17:15:00	18.9	17.4	17.2	16.5	10.3	11.4	10.8	10.8	0.000	0.000	0.000	0.000
17:30:00	17.5	17.6	17.5	16.6	10.1	11.2	10.6	10.8	0.000	0.000	0.000	0.000
17:45:00	17.0	16.9	23.8	16.3	9.5	10.3	10.4	11.4	0.000	0.000	0.000	0.000
18:00:00	16.8	16.0	16.1	15.7	9.3	10.1	9.7	9.7	0.000	0.000	0.000	0.000
18:15:00	17.3	16.1	16.7	15.4	9.4	9.9	9.5	9.7	0.000	0.000	0.000	0.000
18:30:00	17.3	16.1	16.4	15.5	9.4	10.0	9.5	9.7	0.000	0.000	0.000	0.000
18:45:00	17.8	15.9	16.0	16.1	9.5	10.0	9.7	9.7	0.000	0.000	0.000	0.000
19:00:00	17.7	15.7	15.7	15.1	9.6	10.0	9.6	9.6	0.000	0.000	0.000	0.000
19:15:00	16.4	15.5	15.6	15.2	9.4	9.8	9.5	9.7	0.000	0.000	0.000	0.000
19:30:00	16.0	15.1	16.1	15.2	9.3	9.6	9.3	9.7	0.000	0.003	0.000	0.000
19:45:00	15.8	14.3	15.5	15.0	9.2	9.4	9.3	9.5	0.000	0.006	0.000	0.009
20:00:00	15.1	14.2	15.4	15.5	9.0	9.1	9.2	9.4	0.007	0.007	0.000	0.024
20:15:00	15.4	13.7	15.0	14.9	9.2	9.0	9.1	9.4	0.028	0.009	0.000	0.034
20:30:00	16.6	13.9	15.4	14.4	9.4	9.1	9.1	9.5	0.046	0.010	0.002	0.035
20:45:00	17.4	14.2	15.5	14.3	9.6	9.1	9.0	9.7	0.065	0.010	0.018	0.046
21:00:00	16.3	14.1	15.5	15.9	9.7	9.2	9.4	9.8	0.079	0.010	0.043	0.050
21:15:00	17.5	14.2	15.8	19.3	9.8	9.4	10.2	10.1	0.089	0.010	0.059	0.051
21:30:00	17.1	14.4	16.4	15.9	10.2	9.5	10.0	10.4	0.104	0.011	0.080	0.056
21:45:00	17.8	14.5	16.5	15.5	10.6	9.6	10.1	10.6	0.114	0.010	0.097	0.057
22:00:00	18.0	15.5	17.4	16.5	10.8	9.8	10.2	11.1	0.131	0.010	0.123	0.054
22:15:00	18.2	15.7	17.9	17.1	10.9	10.1	10.3	11.3	0.134	0.010	0.139	0.050
22:30:00	18.3	16.2	18.2	17.5	11.0	10.3	10.3	11.4	0.127	0.009	0.144	0.040
22:45:00	18.3	15.8	18.4	17.0	11.1	10.4	10.3	11.4	0.106	0.008	0.139	0.028
23:00:00	18.7	15.7	18.3	20.2	11.1	10.2	10.8	11.6	0.090	0.006	0.133	0.015
23:15:00	18.9	15.6	18.4	16.7	11.2	10.2	10.3	11.7	0.074	0.004	0.128	0.004
23:30:00	18.3	15.7	17.9	16.6	11.2	10.3	10.3	11.6	0.054	0.003	0.118	0.000
23:45:00	18.2	15.9	17.7	16.3	11.1	10.3	10.3	11.6	0.037	0.003	0.107	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)
01:15:00					44.8							