



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-10-03

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.1790 Max : 11.81	2943 ESE	2693 N	2996 SSE	2997 N	Min : 67.46 Max : 88.16	Min : 57.10 Max : 96.00	Min : 29.91 Max : 30.20

Table 2 : Monitoring Summary

Site Action Level :	PM10 : 150 µg/m³		PM2.5 : 35 µg/m³		H2S : 10 PPM	
AQ-SN	Avg. PM10 Daily (µg/m³)	Max. PM10-15-min Avg (µg/m³)	Avg. PM2.5 Daily (µg/m³)	Max. PM2.5-15-min Avg (µg/m³)	Avg. H2S Daily (PPM)	Max. H2S-15-min Avg (PPM)
2693	16.3	22.6	9.2	12.4	0.000	0.001
2943	22.8	153.4	10.2	40.6	-0.001	0.076
2996	20.6	27.3	9.9	13.1	0.001	0.009
2997	22.0	31.0	8.9	11.5	0.007	0.046



Figure 1 : Monitoring Locations

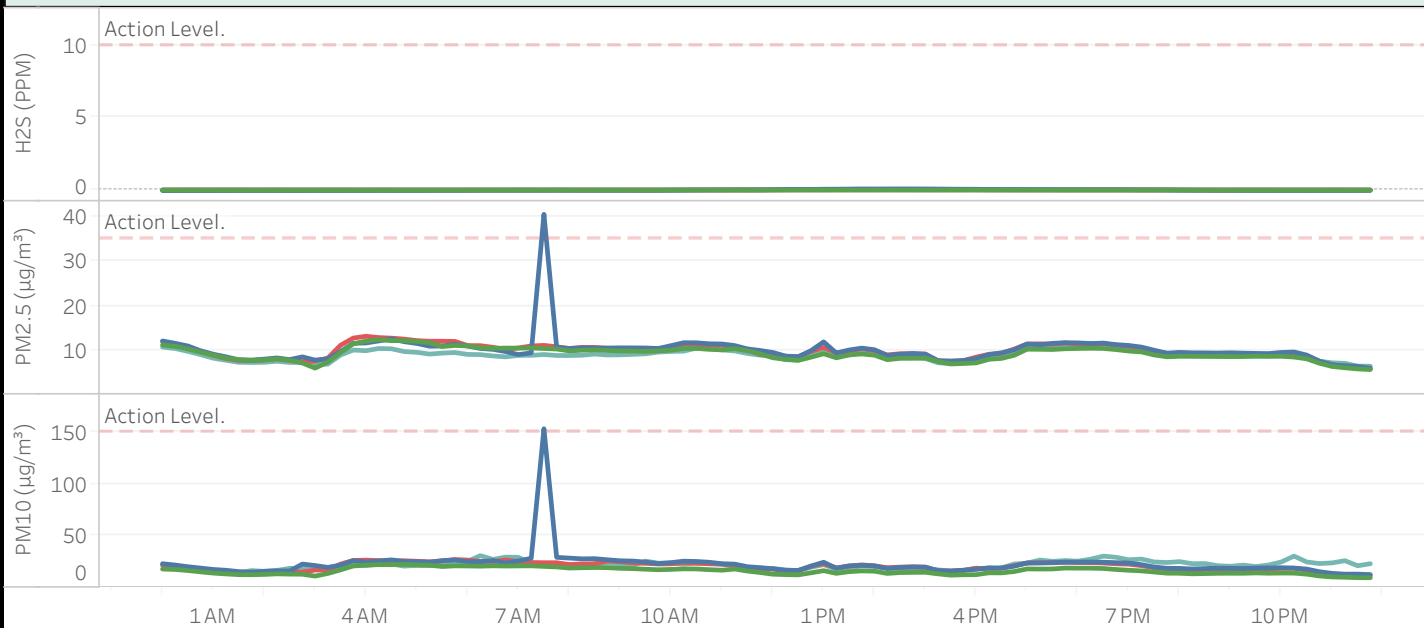


Figure 2 : 15 Minutes Average Concentrations

2693 2943 2996 2997



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Wind Rose Chart 2943

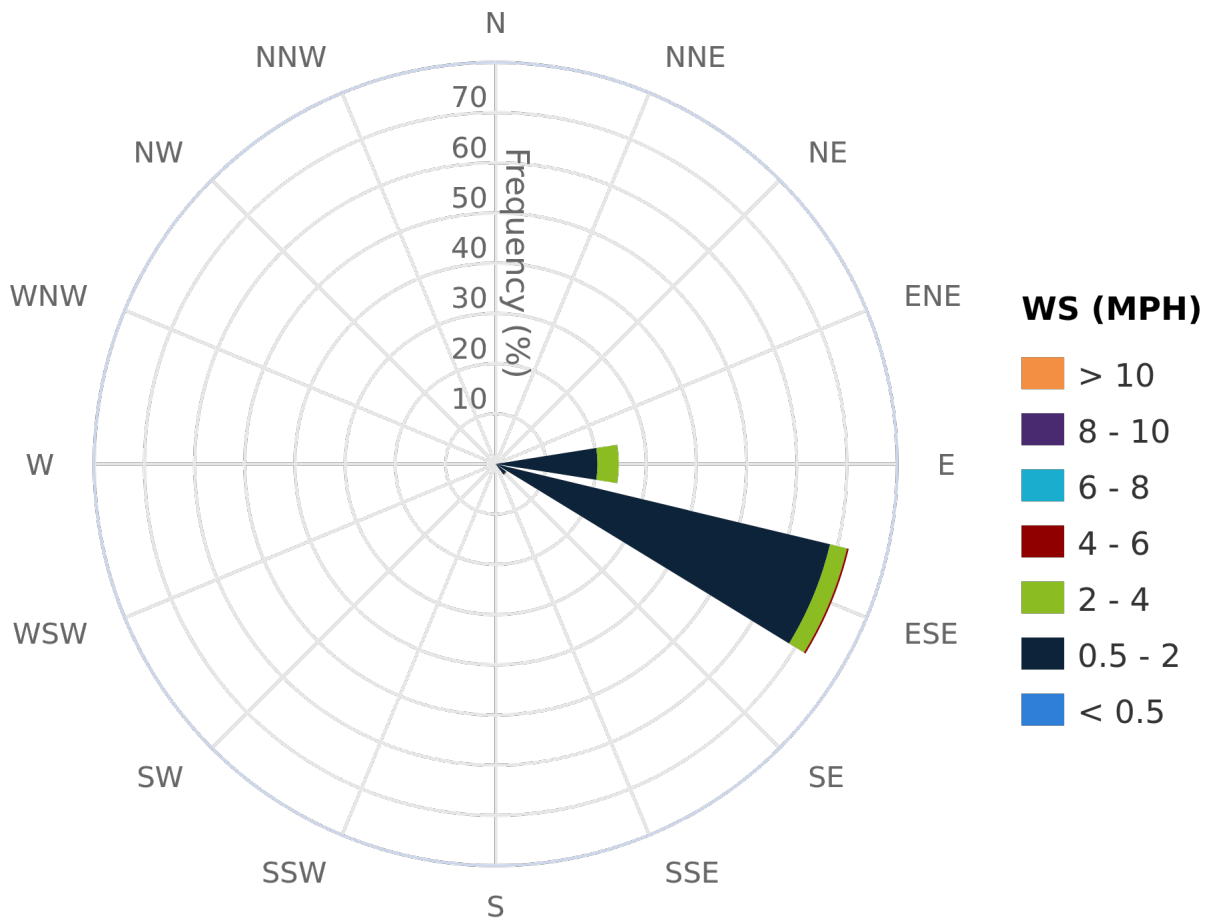


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2693

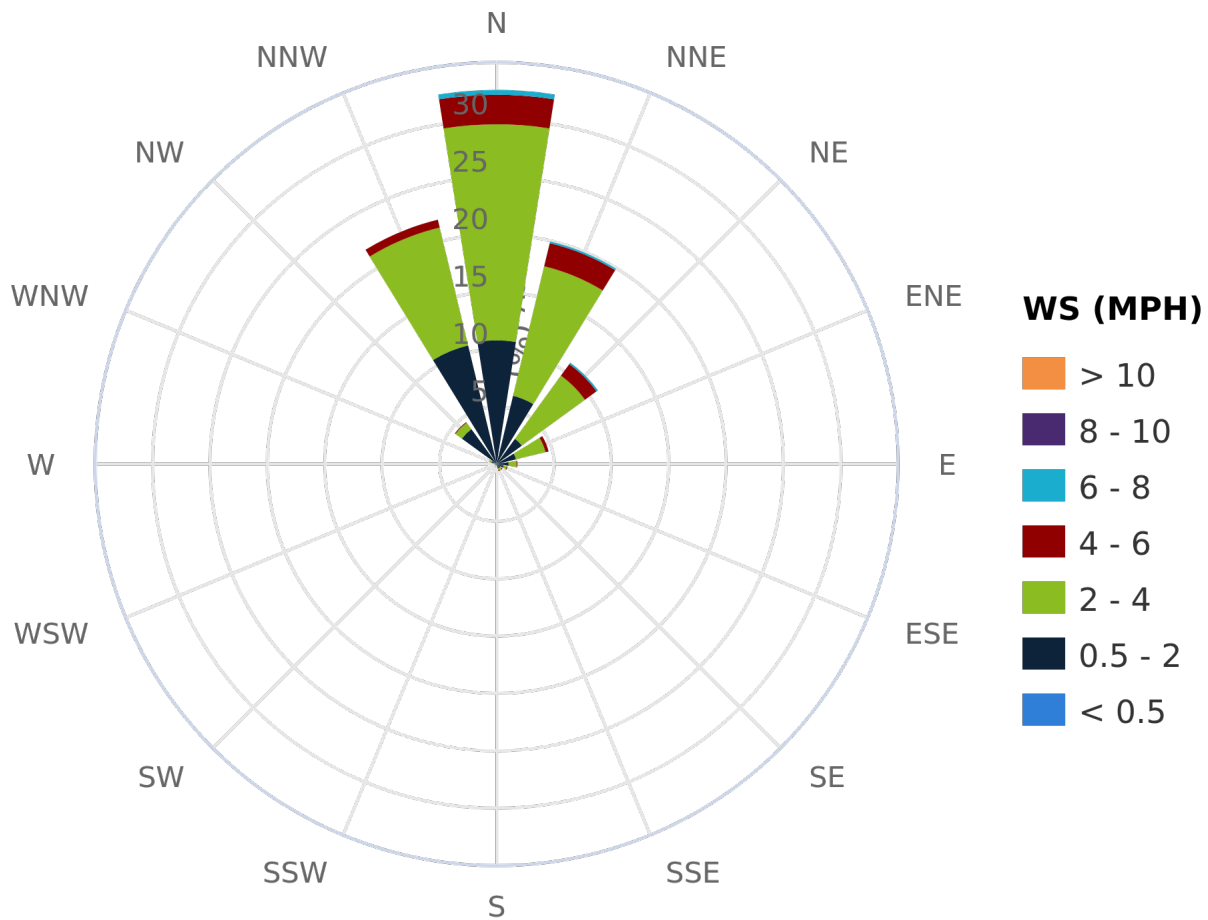


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

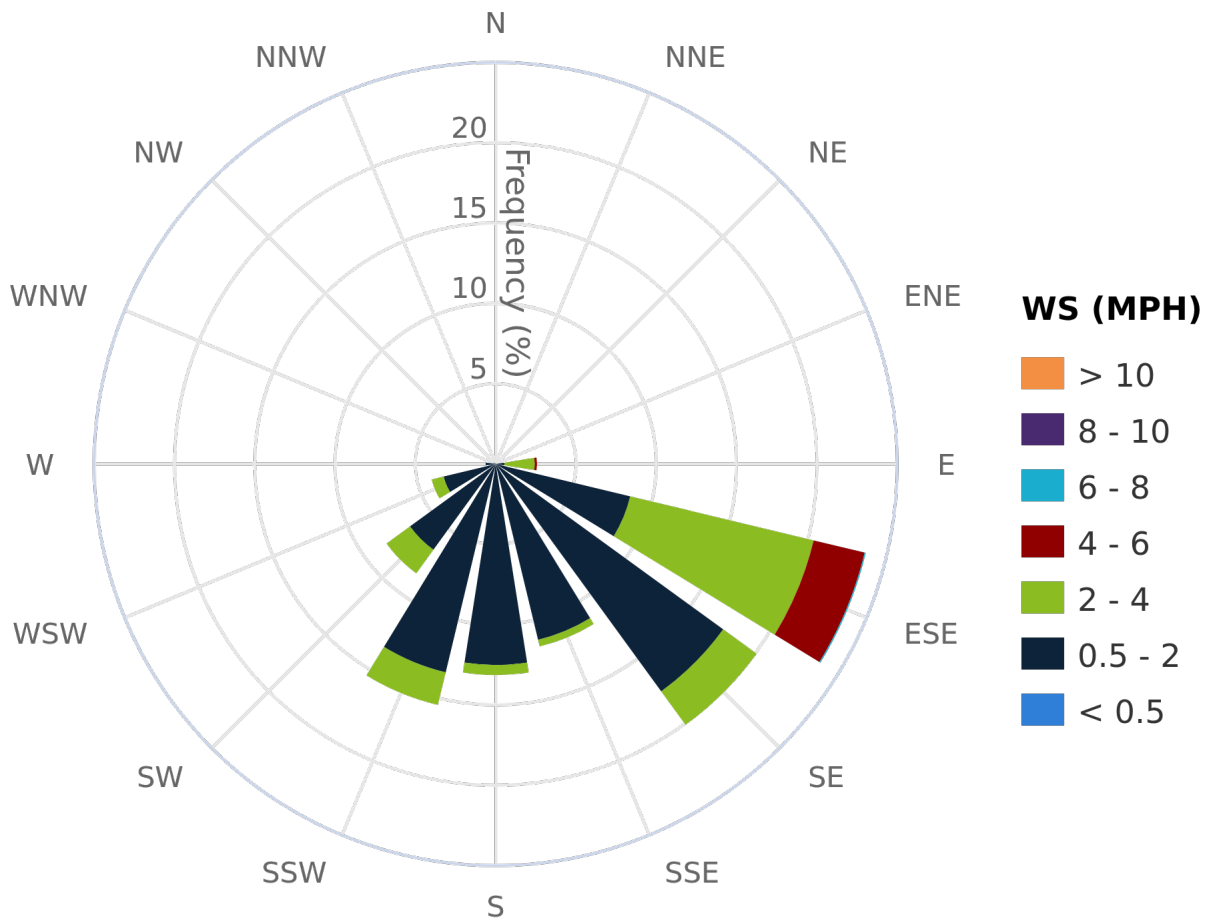


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

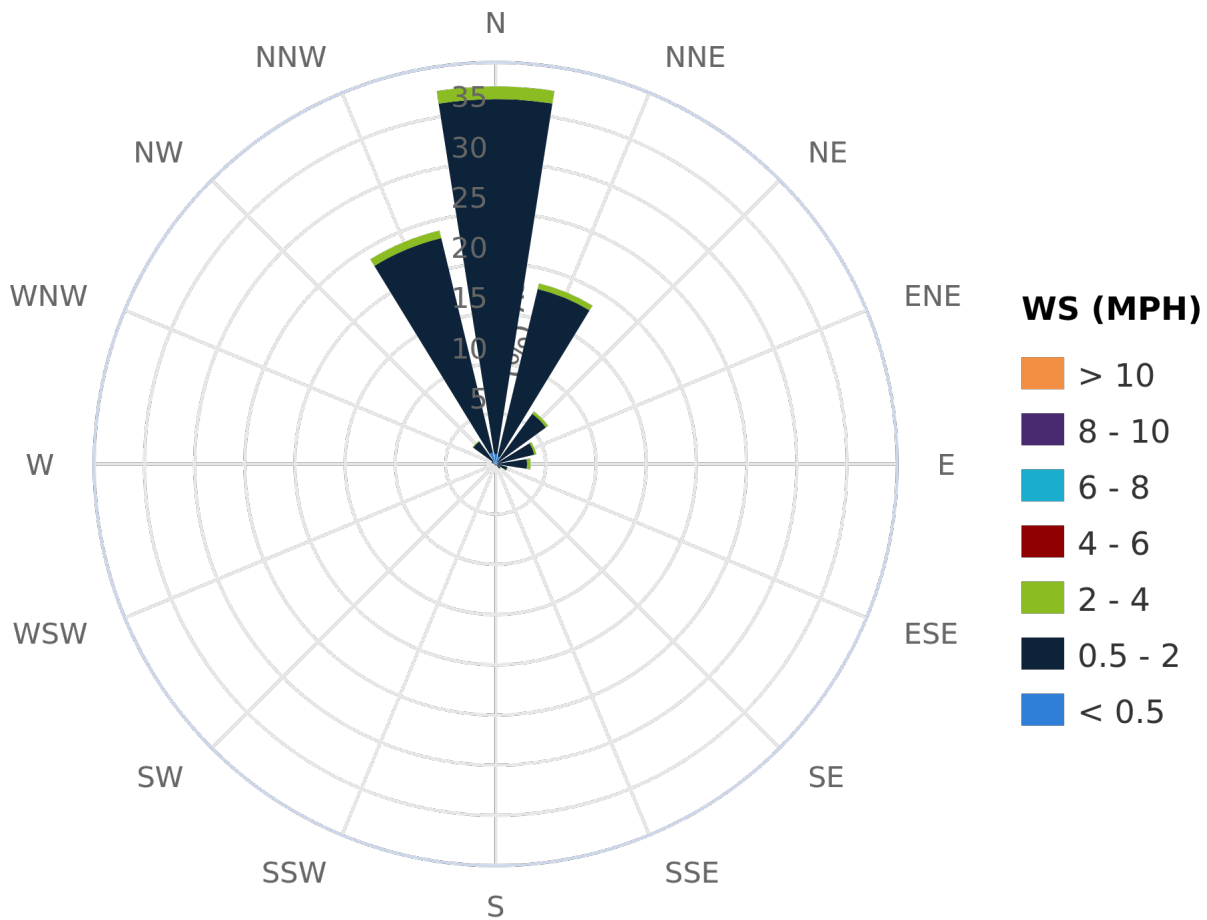


Figure 3 : Wind Rose Chart (WS in MPH)



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Table 3 : 15 Minute Average Concentrations (AM)

	Avg. 2943 - PM10 (µg/m³)	Avg. 2693 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 2693 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 2693 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
00:00:00	23.2	18.0	21.3	22.3	12.1	11.2	12.0	10.7	-0.041	0.000	0.000	0.000
00:15:00	21.9	17.6	20.4	20.8	11.6	10.9	11.4	10.4	-0.040	0.000	0.000	0.000
00:30:00	20.3	16.6	19.3	19.1	11.0	10.3	10.7	9.7	-0.040	0.001	0.000	0.000
00:45:00	19.0	15.3	17.7	17.6	9.9	9.6	9.7	9.0	-0.038	0.000	0.000	0.000
01:00:00	17.7	14.1	16.8	15.9	9.1	8.9	8.8	8.2	-0.037	0.000	0.000	0.000
01:15:00	16.9	13.3	15.9	14.7	8.5	8.2	8.1	7.7	-0.036	0.001	0.000	0.000
01:30:00	15.6	12.6	14.5	14.0	7.8	7.9	7.7	7.3	-0.033	0.001	0.000	0.000
01:45:00	15.0	12.6	16.6	14.2	7.8	7.7	7.7	7.2	-0.033	0.000	0.000	0.000
02:00:00	15.9	12.9	15.8	15.0	8.0	7.8	7.8	7.3	-0.034	0.000	0.000	0.000
02:15:00	16.4	13.4	16.8	15.8	8.3	8.1	8.1	7.5	-0.034	0.001	0.000	0.000
02:30:00	16.2	13.2	18.7	15.2	7.9	7.8	7.7	7.2	-0.035	0.000	0.000	0.000
02:45:00	22.9	13.1	18.8	15.1	8.5	7.1	7.5	7.2	-0.035	0.000	0.000	0.000
03:00:00	21.4	11.3	19.5	17.1	7.8	6.0	7.5	6.7	-0.032	0.000	0.000	0.000
03:15:00	19.7	13.8	18.0	17.4	8.1	7.3	8.2	6.9	-0.034	0.000	0.000	0.000
03:30:00	21.8	17.2	19.7	22.8	9.7	9.5	11.1	8.9	-0.033	0.001	0.000	0.000
03:45:00	26.1	21.0	21.7	26.4	11.6	11.5	12.7	10.1	-0.032	0.000	0.000	0.000
04:00:00	24.9	21.8	21.5	26.7	11.6	12.1	13.1	9.9	-0.030	0.000	0.000	0.000
04:15:00	25.8	22.3	22.8	26.2	12.1	12.4	12.9	10.4	-0.030	0.001	0.000	0.000
04:30:00	26.9	22.2	22.9	26.0	12.6	12.1	12.7	10.3	-0.030	0.000	0.000	0.000
04:45:00	25.4	22.6	20.9	26.1	11.9	12.2	12.5	9.7	-0.032	0.000	0.000	0.000
05:00:00	25.2	21.9	21.6	25.6	11.5	12.0	12.2	9.5	-0.030	0.000	0.000	0.000
05:15:00	24.6	21.8	21.4	25.1	10.9	11.7	12.0	9.1	-0.028	0.000	0.000	0.000
05:30:00	26.2	20.5	21.7	25.9	10.9	10.8	12.0	9.3	-0.025	0.000	0.000	0.000
05:45:00	26.8	21.1	23.6	27.3	11.3	11.1	12.0	9.5	-0.027	0.000	0.000	0.000
06:00:00	25.3	21.0	25.6	26.7	10.9	11.0	11.1	9.1	-0.022	0.000	0.000	0.000
06:15:00	25.1	20.8	31.0	25.5	10.4	10.6	11.0	9.0	-0.021	0.001	0.000	0.000
06:30:00	26.3	21.2	27.4	25.3	10.2	10.4	10.7	8.7	-0.020	0.000	0.000	0.000
06:45:00	23.8	21.0	29.6	26.8	9.7	10.5	10.2	8.5	-0.017	0.000	0.000	0.000
07:00:00	25.9	21.1	29.4	25.3	9.0	10.5	10.5	8.9	-0.014	0.000	0.000	0.000
07:15:00	28.4	21.2	23.5	24.4	9.4	10.5	11.0	8.9	-0.014	0.000	0.000	0.000
07:30:00	153.4	20.6	22.6	24.2	40.6	10.4	11.1	9.0	-0.018	0.000	0.000	0.000
07:45:00	29.4	20.1	22.9	24.2	10.7	10.3	10.8	8.8	-0.012	0.000	0.000	0.000
08:00:00	28.6	19.0	22.4	22.4	10.4	9.8	10.4	8.8	-0.017	0.000	0.000	0.000
08:15:00	27.9	19.3	21.1	23.1	10.6	10.0	10.6	8.9	-0.021	0.000	0.000	0.000
08:30:00	28.1	19.5	23.3	23.1	10.5	10.1	10.6	9.1	-0.022	0.001	0.000	0.000
08:45:00	27.0	19.4	23.8	25.9	10.5	9.9	10.4	8.9	-0.022	0.001	0.000	0.000
09:00:00	26.1	18.7	23.2	25.1	10.5	9.8	10.4	9.0	-0.022	0.001	0.000	0.000
09:15:00	25.8	18.5	21.6	24.0	10.5	9.8	10.2	9.1	-0.023	0.000	0.000	0.000
09:30:00	24.7	17.9	25.7	23.5	10.5	9.7	10.2	9.2	-0.025	0.001	0.000	0.000
09:45:00	23.4	17.4	23.7	22.9	10.4	9.8	10.3	9.6	-0.023	0.001	0.000	0.000
10:00:00	24.3	17.7	23.8	23.1	11.0	10.0	10.7	9.7	-0.012	0.000	0.000	0.000
10:15:00	25.7	18.3	22.8	24.2	11.7	10.4	11.3	9.8	-0.003	0.000	0.000	0.000
10:30:00	25.4	18.2	24.1	23.6	11.7	10.4	11.3	10.5	0.004	0.000	0.000	0.000
10:45:00	24.6	17.5	23.7	23.1	11.5	10.2	11.2	10.5	0.007	0.000	0.000	0.000
11:00:00	23.2	17.0	22.7	22.8	11.4	10.1	11.1	10.1	0.010	0.000	0.000	0.000
11:15:00	22.8	18.1	21.9	21.4	11.1	10.4	10.8	9.9	0.015	0.000	0.000	0.000
11:30:00	20.3	16.1	19.1	19.6	10.3	9.9	10.2	9.3	0.013	0.000	0.001	0.000
11:45:00	19.5	14.7	18.5	17.2	9.9	9.2	9.0	8.9	0.016	0.000	0.000	0.001



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Table 3 : 15 Minute Average Concentrations (AM)

	Avg. 2943 - PM10 (µg/m³)	Avg. 2693 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 2693 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 2693 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
12:00:00	18.4	13.1	18.7	18.0	9.5	8.3	9.3	8.7	0.026	0.000	0.004	0.006
12:15:00	16.8	12.7	17.3	16.4	8.7	7.9	8.6	7.9	0.035	0.000	0.007	0.013
12:30:00	16.7	12.4	16.5	16.6	8.5	7.7	8.5	7.8	0.041	0.000	0.009	0.019
12:45:00	20.9	14.4	19.7	20.7	9.9	8.4	9.7	9.0	0.042	0.000	0.009	0.020
13:00:00	24.6	16.5	22.3	23.2	11.9	9.2	10.7	9.7	0.055	0.000	0.008	0.019
13:15:00	18.8	13.9	17.8	19.2	9.4	8.3	9.4	8.7	0.057	0.000	0.008	0.028
13:30:00	21.2	15.6	19.3	20.9	10.1	8.9	9.8	8.9	0.065	0.000	0.009	0.032
13:45:00	21.6	16.2	20.9	22.1	10.5	9.2	10.4	9.5	0.073	0.000	0.008	0.034
14:00:00	21.2	16.0	20.5	21.1	10.1	8.9	9.9	9.3	0.071	0.000	0.007	0.034
14:15:00	18.6	13.8	18.8	19.4	8.8	7.9	8.9	8.3	0.074	0.000	0.009	0.042
14:30:00	19.6	14.7	18.5	20.0	9.1	8.2	9.2	8.4	0.076	0.000	0.008	0.046
14:45:00	20.1	14.8	18.4	20.2	9.3	8.2	9.2	8.4	0.076	0.000	0.008	0.044
15:00:00	20.0	14.9	18.6	19.8	9.1	8.2	9.2	8.1	0.071	0.000	0.007	0.043
15:15:00	16.5	13.4	17.3	16.2	7.7	7.4	7.5	7.2	0.067	0.000	0.005	0.039
15:30:00	16.1	12.2	16.1	16.1	7.6	6.9	7.5	7.0	0.060	0.000	0.006	0.031
15:45:00	17.0	12.5	16.7	16.8	7.7	7.0	7.7	7.2	0.053	0.000	0.006	0.029
16:00:00	17.7	12.7	19.0	18.7	8.1	7.2	8.4	7.9	0.051	0.000	0.007	0.028
16:15:00	19.3	14.4	17.5	18.8	9.0	8.0	9.1	8.1	0.038	0.000	0.004	0.017
16:30:00	19.0	14.4	19.3	18.9	9.4	8.2	9.3	8.8	0.032	0.000	0.001	0.020
16:45:00	20.8	15.7	22.9	21.3	10.1	8.9	10.3	9.5	0.035	0.000	0.000	0.014
17:00:00	23.9	18.2	23.8	23.9	11.4	10.2	11.4	10.6	0.033	0.000	0.000	0.012
17:15:00	23.9	18.1	26.8	24.2	11.3	10.2	11.5	10.9	0.029	0.000	0.000	0.012
17:30:00	24.3	18.1	25.5	24.1	11.6	10.2	11.4	10.9	0.029	0.000	0.000	0.009
17:45:00	24.8	19.0	26.3	24.6	11.7	10.3	11.6	10.9	0.022	-0.001	0.000	0.008
18:00:00	24.8	18.9	25.6	24.3	11.7	10.4	11.3	10.7	0.026	0.000	0.000	0.006
18:15:00	24.9	18.9	27.6	24.3	11.5	10.4	11.5	10.9	0.023	0.000	0.000	0.008
18:30:00	24.7	18.6	30.5	23.9	11.6	10.4	11.5	11.5	0.022	0.000	0.000	0.008
18:45:00	24.2	17.6	29.4	23.1	11.3	10.1	11.1	10.8	0.023	0.000	0.000	0.009
19:00:00	23.9	16.9	27.0	22.8	11.1	9.8	10.9	10.6	0.016	0.000	0.000	0.008
19:15:00	22.3	16.3	27.7	21.4	10.7	9.6	10.4	10.4	0.009	0.001	0.000	0.004
19:30:00	20.0	15.2	24.9	19.3	10.0	8.9	9.6	9.6	0.009	0.000	0.000	0.005
19:45:00	18.8	14.1	24.4	18.1	9.3	8.5	9.3	9.3	0.005	0.000	0.000	0.006
20:00:00	18.7	14.0	25.2	18.1	9.5	8.6	9.3	9.1	-0.007	0.000	0.000	0.002
20:15:00	18.2	13.5	23.2	17.1	9.4	8.6	9.2	9.0	-0.014	0.001	0.000	0.000
20:30:00	18.5	13.7	23.4	17.7	9.4	8.6	9.1	8.8	-0.021	0.000	0.000	0.000
20:45:00	18.9	13.9	21.3	17.9	9.4	8.6	9.1	8.6	-0.025	0.000	0.000	0.000
21:00:00	18.8	14.0	20.8	18.6	9.4	8.6	9.1	8.6	-0.024	0.000	0.000	0.000
21:15:00	18.5	14.0	21.8	18.3	9.4	8.6	9.1	8.7	-0.028	0.001	0.000	0.000
21:30:00	19.0	14.3	20.5	18.4	9.3	8.7	9.0	8.7	-0.030	0.001	0.000	0.000
21:45:00	19.2	14.0	22.0	18.3	9.2	8.6	9.1	8.7	-0.030	0.001	0.000	0.000
22:00:00	19.4	14.2	24.9	18.6	9.5	8.6	9.4	9.1	-0.033	0.000	0.000	0.000
22:15:00	19.1	14.1	30.6	18.8	9.6	8.5	9.2	9.4	-0.032	0.000	0.000	0.000
22:30:00	18.0	13.1	24.9	17.0	8.9	8.1	8.4	8.6	-0.033	-0.001	0.000	0.000
22:45:00	15.5	11.4	23.4	14.2	7.5	7.1	7.4	7.5	-0.032	0.000	0.000	0.000
23:00:00	13.9	10.4	24.0	13.0	6.7	6.3	6.7	7.2	-0.030	0.001	0.000	0.000
23:15:00	13.2	10.1	26.1	12.8	6.5	6.0	6.4	7.1	-0.031	0.000	0.000	0.000
23:30:00	13.2	9.7	21.2	12.5	6.4	5.8	6.2	6.4	-0.029	0.000	0.000	0.000
23:45:00	12.7	9.7	23.2	11.6	5.9	5.6	5.8	6.4	-0.028	0.000	0.000	0.000



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

Minute of 15-min intv	Avg. 2943 - PM10 (µg/m³)	Avg. 2693 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 2693 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 2693 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
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07:30:00 153.4

40.6