



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-12-05

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.06000 Max : 19.73	2943 ESE	3277 S	2996 NW	2997 S	Min : 53.24 Max : 79.70	Min : 70.20 Max : 91.00	Min : 29.88 Max : 30.17

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)
2943	12.2	35.1	6.5	10.9	-0.027	0.003
2996	11.3	19.7	6.3	10.9	0.000	0.007
2997	14.3	96.9	7.5	24.4	0.000	0.006
3277	13.0	56.5	9.2	47.3	0.002	0.017



Figure 1 : Monitoring Locations

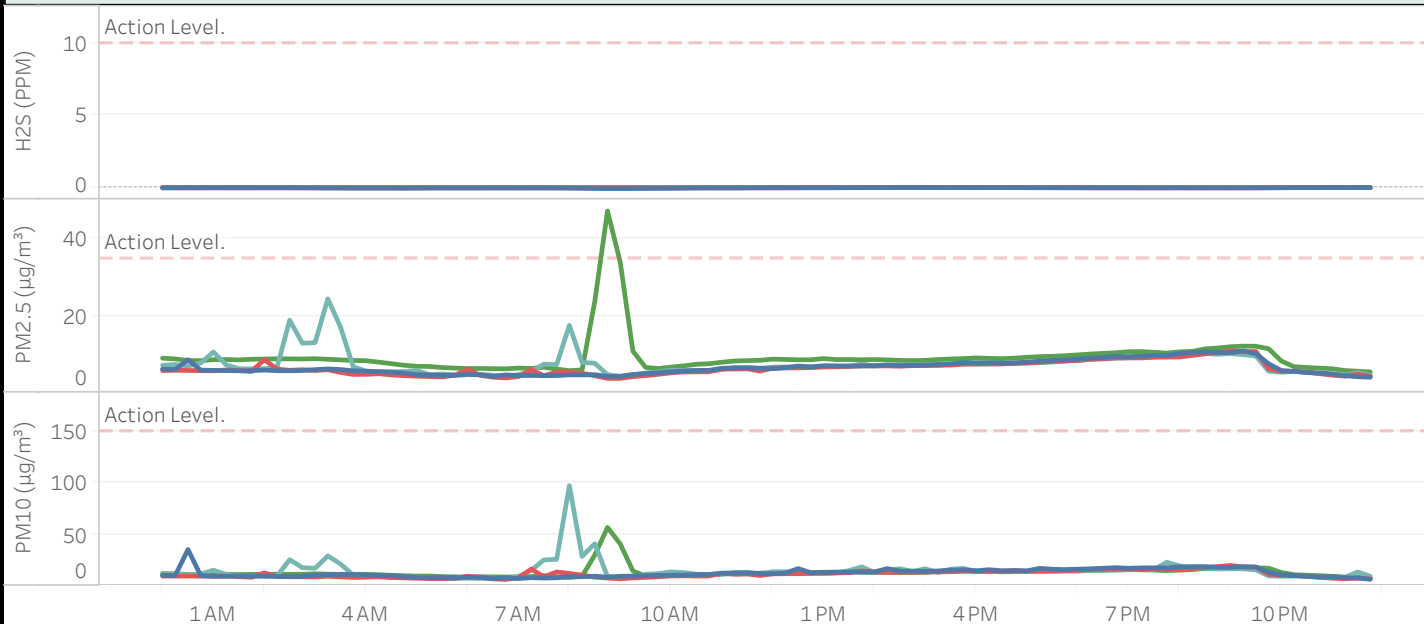


Figure 2 : 15 Minutes Average Concentrations

2943 2996 2997 3277



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Wind Rose Chart 2943

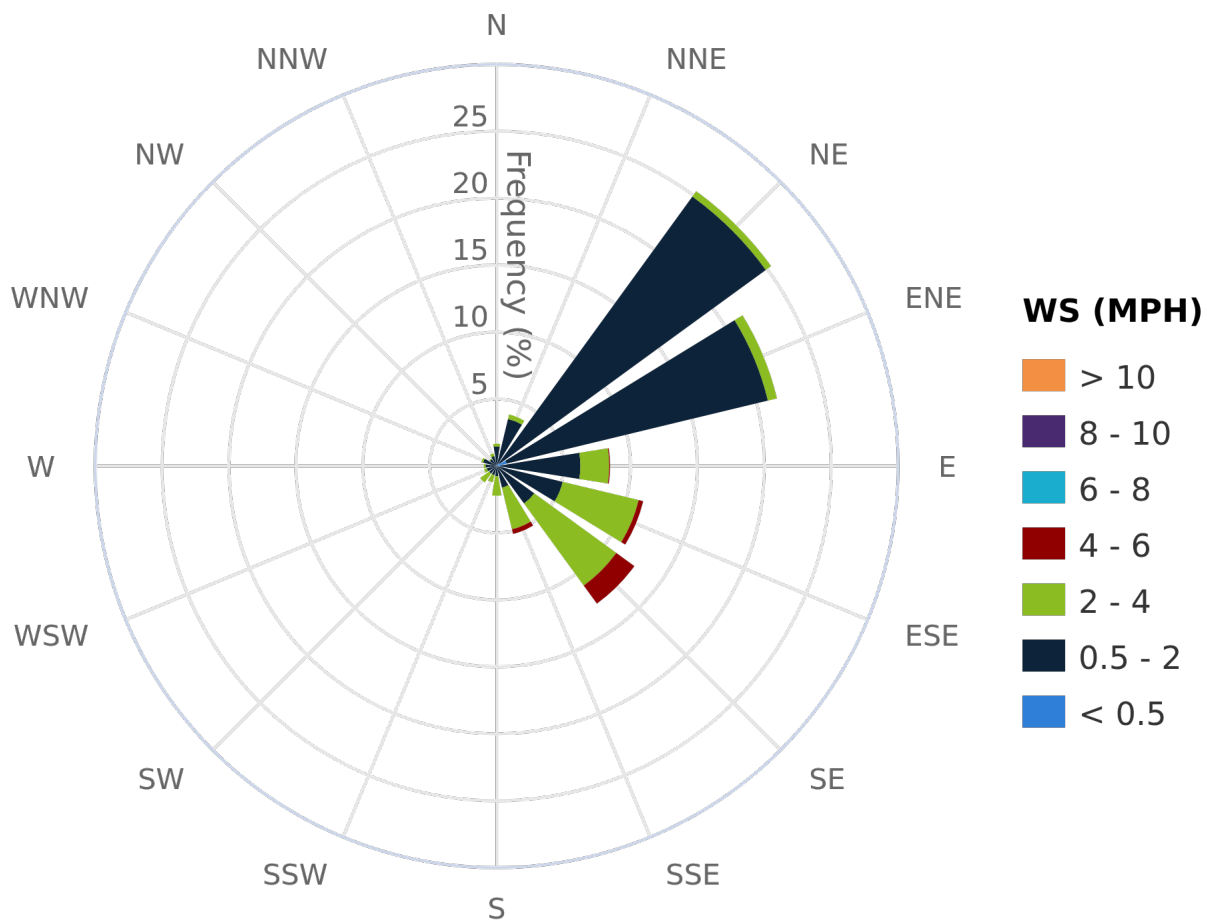


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3277

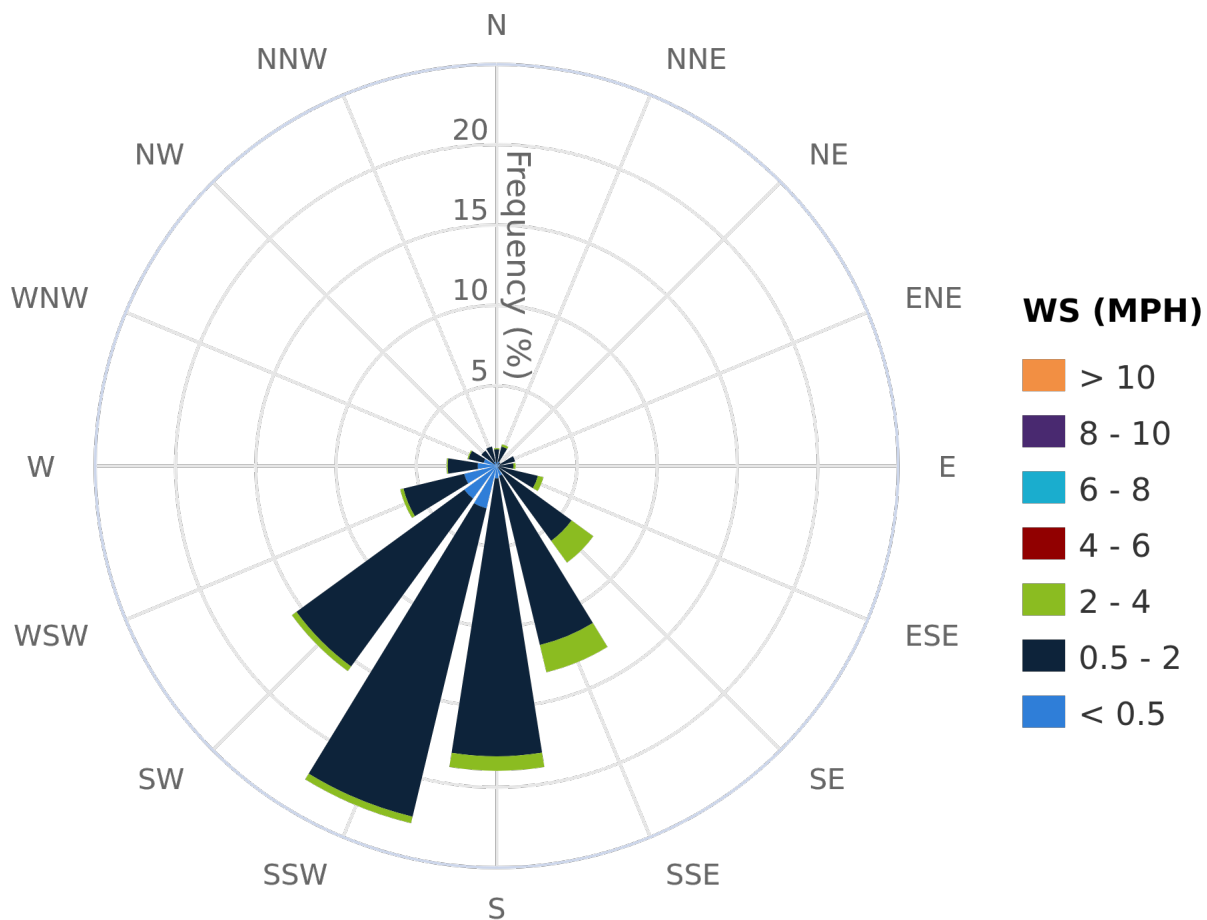


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

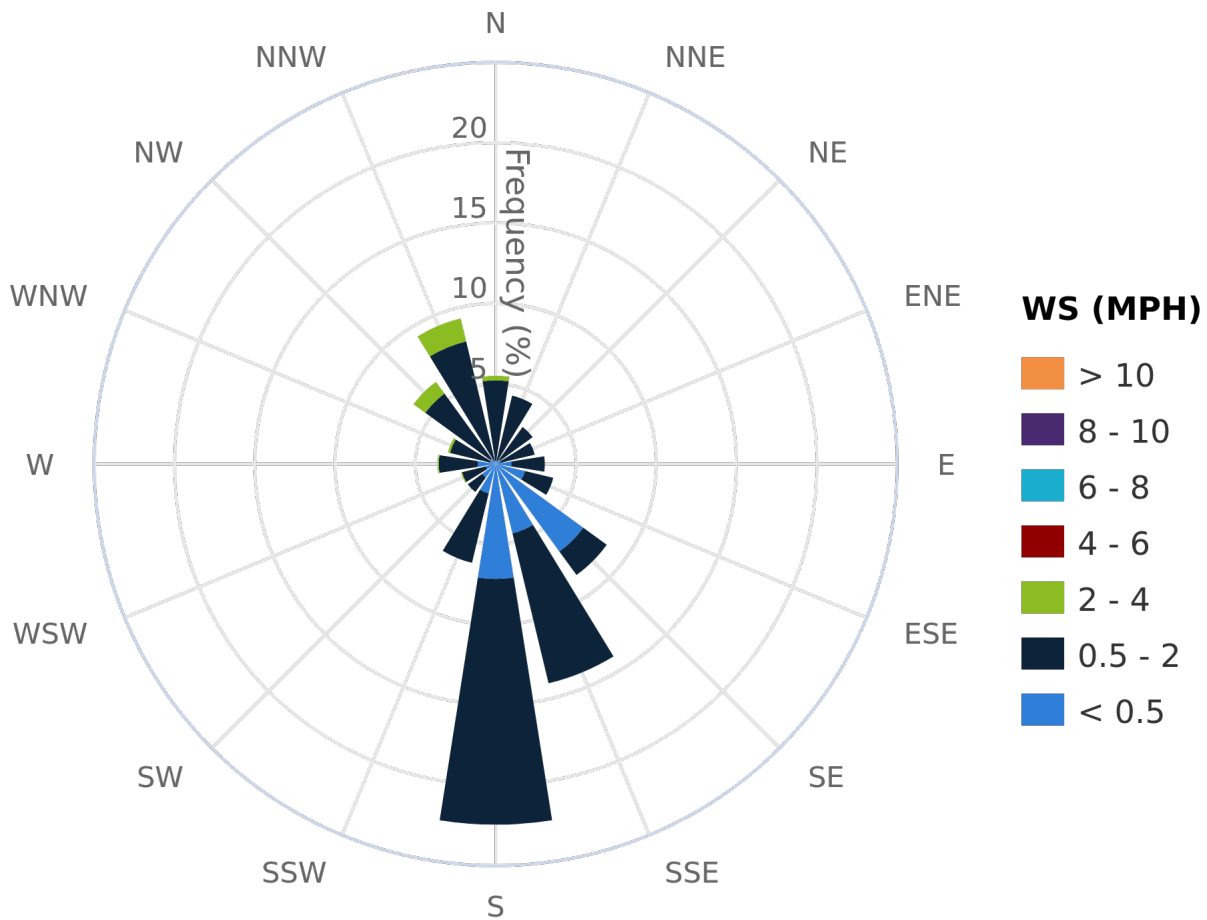


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

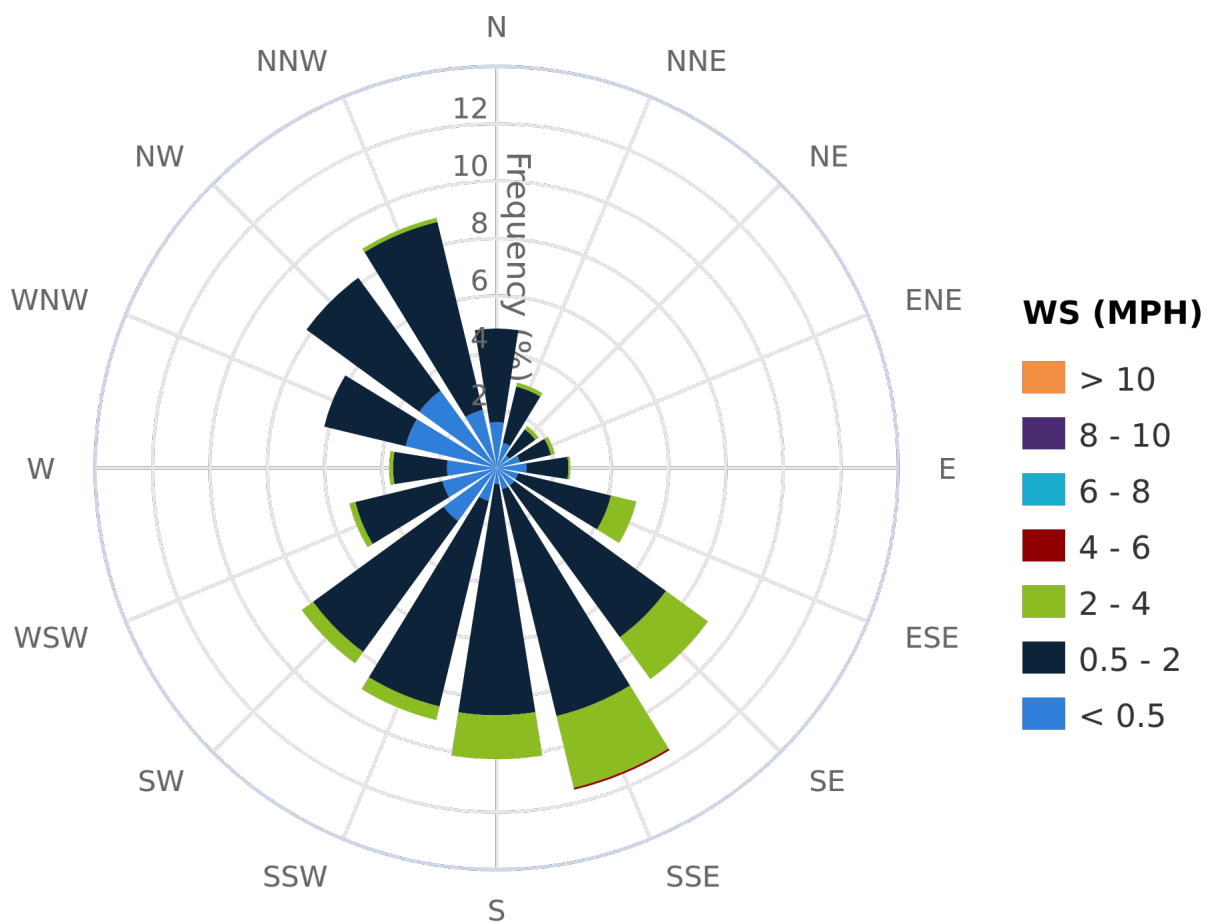


Figure 3 : Wind Rose Chart (WS in MPH)



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Table 3 : 15 Minute Average Concentrations (AM)

	Avg. 2943 - PM10 (µg/m³)	Avg. 3277 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 3277 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 3277 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
00:00:00	10.1	11.9	10.8	9.4	6.1	9.0	5.7	7.1	-0.026	0.000	0.000	0.000
00:15:00	10.0	11.5	11.2	9.4	6.0	8.8	5.8	7.3	-0.027	0.000	0.000	0.000
00:30:00	35.1	11.1	10.7	9.4	8.6	8.3	5.8	6.9	-0.025	0.000	0.000	0.000
00:45:00	10.0	10.9	11.5	9.3	5.9	8.3	5.7	7.7	-0.026	0.000	0.000	0.000
01:00:00	9.3	11.1	15.1	9.2	5.8	8.6	5.7	10.6	-0.022	0.000	0.007	0.000
01:15:00	9.3	11.2	11.0	9.4	5.7	8.6	5.9	7.2	-0.024	0.000	0.001	0.000
01:30:00	9.5	10.9	9.6	8.8	5.7	8.5	5.7	6.2	-0.024	0.000	0.001	0.000
01:45:00	9.3	11.1	9.6	8.3	5.7	8.7	5.5	6.2	-0.025	0.000	0.000	0.000
02:00:00	9.4	11.1	9.3	12.5	5.9	8.7	8.6	6.2	-0.024	0.000	0.000	0.000
02:15:00	9.0	11.2	9.5	8.9	5.7	8.8	6.1	6.5	-0.024	0.000	0.000	0.000
02:30:00	8.9	11.1	25.2	8.7	5.7	8.8	5.8	18.9	-0.024	0.000	0.000	0.000
02:45:00	9.1	11.1	17.6	8.7	5.8	8.8	6.0	12.9	-0.027	0.000	0.000	0.000
03:00:00	10.3	11.6	16.9	8.5	6.0	8.8	5.8	13.0	-0.033	0.000	0.000	0.000
03:15:00	10.8	11.2	28.9	9.2	6.2	8.7	6.0	24.4	-0.041	0.000	0.000	0.000
03:30:00	10.9	11.0	21.1	8.6	6.0	8.5	5.3	17.1	-0.042	0.000	0.000	0.000
03:45:00	10.8	11.1	10.4	8.1	5.7	8.4	4.7	6.7	-0.049	0.000	0.000	0.000
04:00:00	10.4	11.1	9.0	8.3	5.6	8.3	4.8	5.6	-0.051	0.000	0.000	0.000
04:15:00	10.0	10.7	8.4	8.9	5.5	7.9	4.9	5.3	-0.049	0.000	0.000	0.000
04:30:00	9.8	10.2	8.4	7.9	5.4	7.5	4.6	5.4	-0.050	0.000	0.000	0.000
04:45:00	8.8	9.8	8.5	7.6	5.1	7.1	4.4	5.5	-0.052	0.000	0.000	0.000
05:00:00	8.0	9.5	8.6	7.3	4.7	6.9	4.3	5.8	-0.047	0.000	0.000	0.000
05:15:00	7.8	9.4	7.2	6.9	4.6	6.8	4.2	4.6	-0.042	0.000	0.000	0.000
05:30:00	7.8	8.9	7.3	6.9	4.5	6.5	4.1	4.9	-0.040	0.000	0.000	0.000
05:45:00	7.8	8.7	7.1	7.2	4.5	6.4	4.6	4.6	-0.038	0.000	0.000	0.000
06:00:00	8.2	8.4	7.3	9.3	4.7	6.3	6.0	4.9	-0.040	0.000	0.000	0.000
06:15:00	8.1	8.7	7.1	8.3	4.6	6.3	4.5	4.8	-0.039	0.000	0.000	0.000
06:30:00	6.9	8.6	7.3	6.7	4.3	6.2	4.0	4.5	-0.034	0.000	0.000	0.000
06:45:00	7.6	8.4	6.6	6.1	4.6	6.2	3.8	4.2	-0.035	0.000	0.000	0.000
07:00:00	7.0	8.7	9.1	7.6	4.5	6.4	4.2	4.7	-0.037	0.000	0.000	0.000
07:15:00	7.8	8.8	15.0	16.2	4.5	6.3	6.0	5.6	-0.036	0.000	0.000	0.000
07:30:00	7.5	9.8	25.0	8.7	4.4	6.6	4.4	7.4	-0.035	0.000	0.000	0.000
07:45:00	7.7	8.6	25.6	13.4	4.4	6.1	5.3	7.3	-0.041	0.000	0.000	0.000
08:00:00	8.8	8.0	96.9	11.9	4.6	5.7	5.2	17.5	-0.046	0.000	0.000	0.000
08:15:00	8.7	9.2	28.4	10.4	4.6	5.9	5.1	7.9	-0.055	0.000	0.000	0.000
08:30:00	9.3	29.8	40.8	8.3	4.7	23.7	4.4	7.7	-0.064	0.000	0.000	0.000
08:45:00	8.4	56.5	8.9	7.5	4.2	47.3	3.7	4.7	-0.070	0.000	0.000	0.000
09:00:00	9.2	40.6	7.9	6.7	4.3	34.0	3.7	4.2	-0.070	0.000	0.000	0.000
09:15:00	9.4	14.3	8.3	7.6	4.7	10.8	4.2	4.7	-0.068	0.000	0.000	0.000
09:30:00	9.9	9.5	11.1	8.1	4.9	6.6	4.4	5.1	-0.065	0.000	0.000	0.000
09:45:00	10.1	9.2	11.9	8.7	5.2	6.3	4.8	5.4	-0.059	0.000	0.000	0.000
10:00:00	10.2	9.8	13.5	9.5	5.4	6.6	5.2	5.8	-0.057	0.000	0.000	0.000
10:15:00	10.5	10.3	12.8	9.7	5.6	7.0	5.4	5.8	-0.050	0.000	0.000	0.000
10:30:00	10.8	10.8	11.3	9.3	5.8	7.4	5.4	5.8	-0.040	0.000	0.000	0.000
10:45:00	11.0	10.9	10.4	9.6	5.8	7.5	5.4	5.8	-0.036	0.000	0.000	0.000
11:00:00	12.3	11.4	11.1	12.1	6.4	7.9	6.1	6.1	-0.038	0.001	0.000	0.000
11:15:00	12.4	11.9	12.8	11.1	6.4	8.2	6.1	6.5	-0.037	0.000	0.000	0.000
11:30:00	12.4	12.1	13.1	11.4	6.4	8.3	6.2	6.6	-0.032	0.007	0.000	0.000
11:45:00	11.9	12.3	11.4	10.0	6.4	8.4	5.6	6.3	-0.027	0.011	0.000	0.000



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Table 3 : 15 Minute Average Concentrations (AM)

	Avg. 2943 - PM10 (µg/m³)	Avg. 3277 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 3277 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 3277 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
12:00:00	11.7	12.6	13.7	11.5	6.2	8.7	6.4	6.6	-0.025	0.013	0.000	0.000
12:15:00	12.3	12.5	13.6	11.7	6.5	8.6	6.4	6.7	-0.025	0.006	0.000	0.000
12:30:00	16.7	12.6	12.9	11.7	6.9	8.5	6.5	6.5	-0.024	0.009	0.000	0.000
12:45:00	12.6	12.6	12.2	11.9	6.7	8.6	6.5	6.7	-0.016	0.012	0.000	0.000
13:00:00	13.0	13.1	11.8	12.3	7.0	8.9	6.7	6.7	-0.017	0.011	0.000	0.000
13:15:00	13.3	12.8	12.4	12.4	7.0	8.6	6.7	6.8	-0.015	0.016	0.000	0.000
13:30:00	13.3	13.5	14.7	12.7	6.9	8.6	6.8	6.9	-0.008	0.017	0.000	0.000
13:45:00	13.3	13.1	18.3	14.4	6.9	8.5	7.0	7.5	-0.007	0.016	0.000	0.000
14:00:00	13.4	12.9	12.8	13.5	7.0	8.6	7.0	6.9	-0.003	0.013	0.000	0.000
14:15:00	16.6	12.9	15.2	13.2	7.2	8.5	7.0	7.1	-0.002	0.013	0.000	0.001
14:30:00	14.2	12.9	16.5	13.0	7.0	8.4	6.9	7.2	0.001	0.017	0.000	0.001
14:45:00	14.2	12.8	13.9	13.3	7.1	8.4	7.0	7.0	0.003	0.017	0.000	0.003
15:00:00	14.0	12.9	16.4	13.4	7.2	8.4	7.0	7.3	0.001	0.015	0.000	0.006
15:15:00	14.3	13.8	12.9	13.4	7.4	8.6	7.1	7.0	-0.001	0.012	0.000	0.005
15:30:00	15.2	14.5	16.1	13.6	7.5	8.8	7.2	7.5	-0.002	0.011	0.000	0.003
15:45:00	15.4	14.5	16.8	14.1	7.8	8.9	7.4	7.7	0.001	0.007	0.000	0.001
16:00:00	14.5	14.3	13.8	13.9	7.8	9.0	7.4	7.4	-0.002	0.005	0.000	0.002
16:15:00	15.5	13.8	13.8	14.2	7.8	8.9	7.5	7.5	-0.005	0.004	0.000	0.000
16:30:00	14.6	13.6	13.5	13.8	7.6	8.8	7.5	7.5	-0.004	0.003	0.000	0.000
16:45:00	14.9	13.7	13.7	14.1	7.8	9.0	7.6	7.6	-0.005	0.001	0.000	0.000
17:00:00	14.5	13.9	13.8	14.0	7.9	9.2	7.8	7.7	-0.010	0.000	0.000	0.000
17:15:00	16.8	14.4	13.6	14.5	8.2	9.4	7.9	7.8	-0.012	0.000	0.000	0.000
17:30:00	16.0	14.3	13.8	14.7	8.4	9.5	8.1	8.0	-0.014	0.000	0.000	0.000
17:45:00	15.7	14.5	14.2	14.8	8.5	9.6	8.3	8.2	-0.017	0.000	0.000	0.000
18:00:00	16.1	14.7	14.1	14.9	8.7	9.8	8.4	8.4	-0.021	0.000	0.000	0.000
18:15:00	16.4	14.9	14.9	15.8	9.0	10.0	8.7	8.7	-0.025	0.000	0.000	0.000
18:30:00	17.0	15.2	15.0	15.9	9.2	10.2	8.8	8.7	-0.027	0.000	0.000	0.000
18:45:00	17.5	15.4	15.2	16.1	9.4	10.4	9.1	8.9	-0.026	0.000	0.000	0.000
19:00:00	16.9	15.7	15.5	16.2	9.4	10.7	9.0	9.1	-0.027	0.000	0.000	0.000
19:15:00	17.3	15.5	15.6	15.5	9.5	10.7	9.0	9.2	-0.031	0.000	0.000	0.000
19:30:00	17.4	15.2	15.7	16.2	9.7	10.5	9.2	9.3	-0.032	0.000	0.000	0.000
19:45:00	17.4	14.7	22.8	16.3	9.7	10.3	9.2	9.6	-0.030	0.000	0.000	0.000
20:00:00	18.4	15.1	19.2	15.5	10.2	10.6	9.3	9.6	-0.028	0.000	0.000	0.000
20:15:00	18.6	15.7	16.5	16.7	10.4	10.7	9.7	10.0	-0.031	0.000	0.000	0.000
20:30:00	18.5	16.7	17.1	17.5	10.6	11.4	10.1	10.2	-0.032	0.000	0.000	0.000
20:45:00	17.9	16.9	16.2	18.6	10.5	11.6	10.4	10.0	-0.032	0.000	0.000	0.000
21:00:00	17.8	17.4	16.5	19.7	10.4	11.9	10.9	10.2	-0.032	0.000	0.000	0.000
21:15:00	18.5	17.9	16.4	18.1	10.9	12.1	10.6	9.9	-0.032	0.000	0.000	0.000
21:30:00	18.2	17.3	15.4	18.0	10.1	12.1	10.7	9.5	-0.028	0.000	0.000	0.000
21:45:00	13.0	17.0	9.6	11.1	7.5	11.4	6.2	5.6	-0.022	0.000	0.000	0.000
22:00:00	10.7	12.8	9.2	10.0	5.8	8.2	5.5	5.3	-0.015	0.000	0.000	0.000
22:15:00	10.2	10.7	9.3	10.0	5.6	6.8	5.5	5.5	-0.007	0.000	0.000	0.000
22:30:00	9.1	10.2	9.1	9.3	5.2	6.5	5.3	5.4	-0.003	0.000	0.000	0.000
22:45:00	8.8	9.8	8.2	8.2	5.1	6.4	4.9	5.0	0.000	0.000	0.000	0.000
23:00:00	8.7	9.2	7.8	7.4	4.9	6.2	4.5	4.8	0.002	0.000	0.000	0.000
23:15:00	7.9	8.4	8.1	6.8	4.4	5.8	4.3	4.6	0.001	0.000	0.000	0.002
23:30:00	7.4	8.1	13.4	7.4	4.1	5.6	4.8	5.3	0.001	0.000	0.001	0.004
23:45:00	6.3	7.8	9.2	6.7	4.0	5.4	4.3	4.5	0.003	0.000	0.001	0.003



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

Minute of 15-min intv	Avg. 2943 - PM10 (µg/m³)	Avg. 3277 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 3277 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 3277 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
08:45:00						47.3						