



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-11-07

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.1100 Max : 16.58	2943 ESE	2693 N	2996 SE	2997 W	Min : 54.50 Max : 89.42	Min : 45.80 Max : 90.00	Min : 29.85 Max : 30.11

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	12.1	26.4	8.3	19.8	0.001	0.003
2943	32.0	238.8	12.4	77.1	-0.037	0.032
2996	17.0	87.8	8.8	23.0	0.000	0.009
2997	18.4	150.4	8.9	27.4	0.001	0.020



Figure 1 : Monitoring Locations

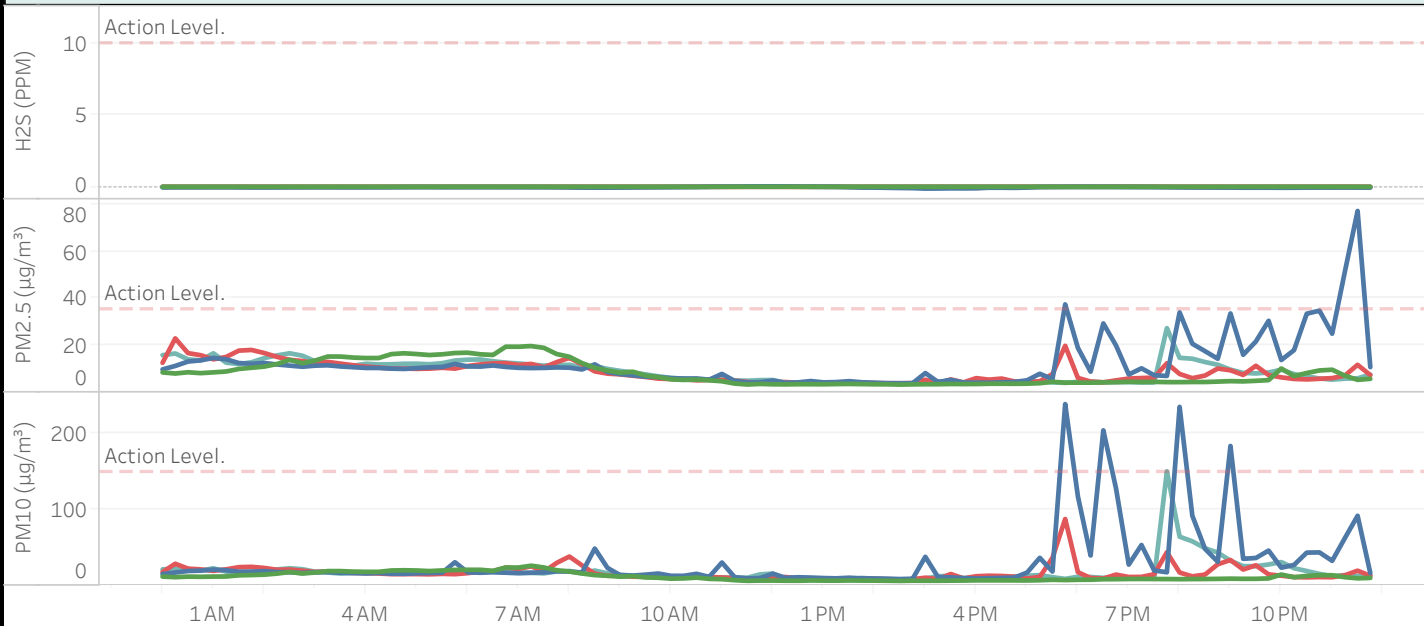


Figure 2 : 15 Minutes Average Concentrations

2693 2943 2996 2997



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Wind Rose Chart 2943

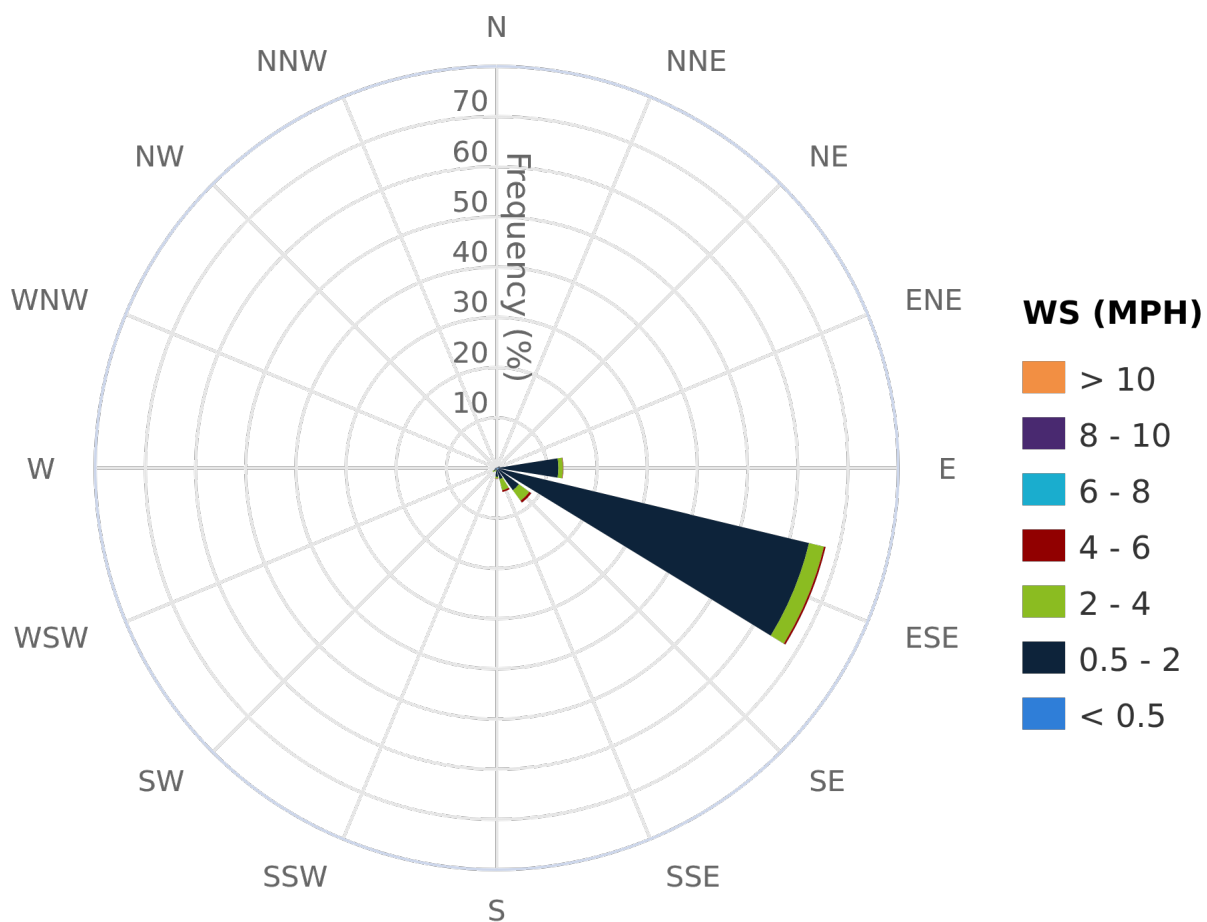


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2693

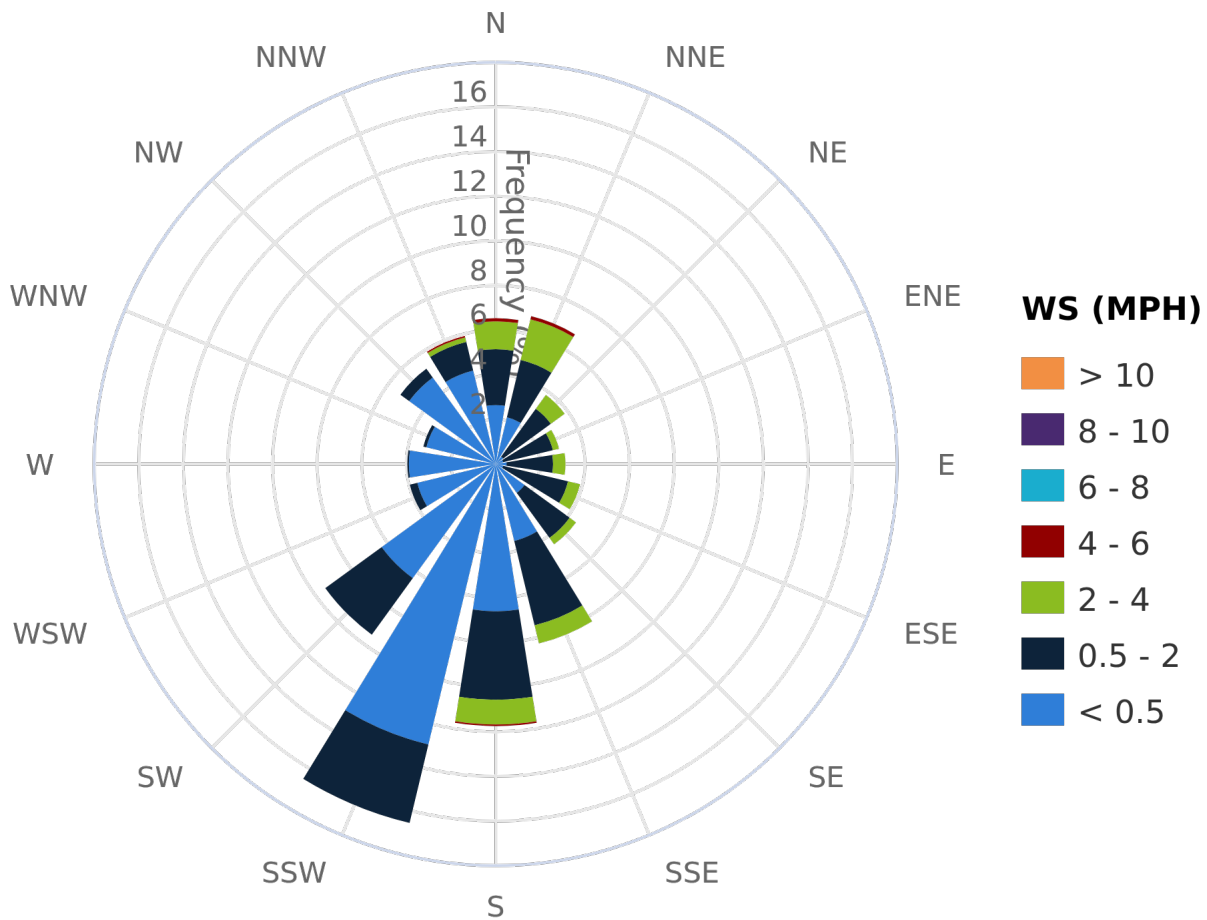


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

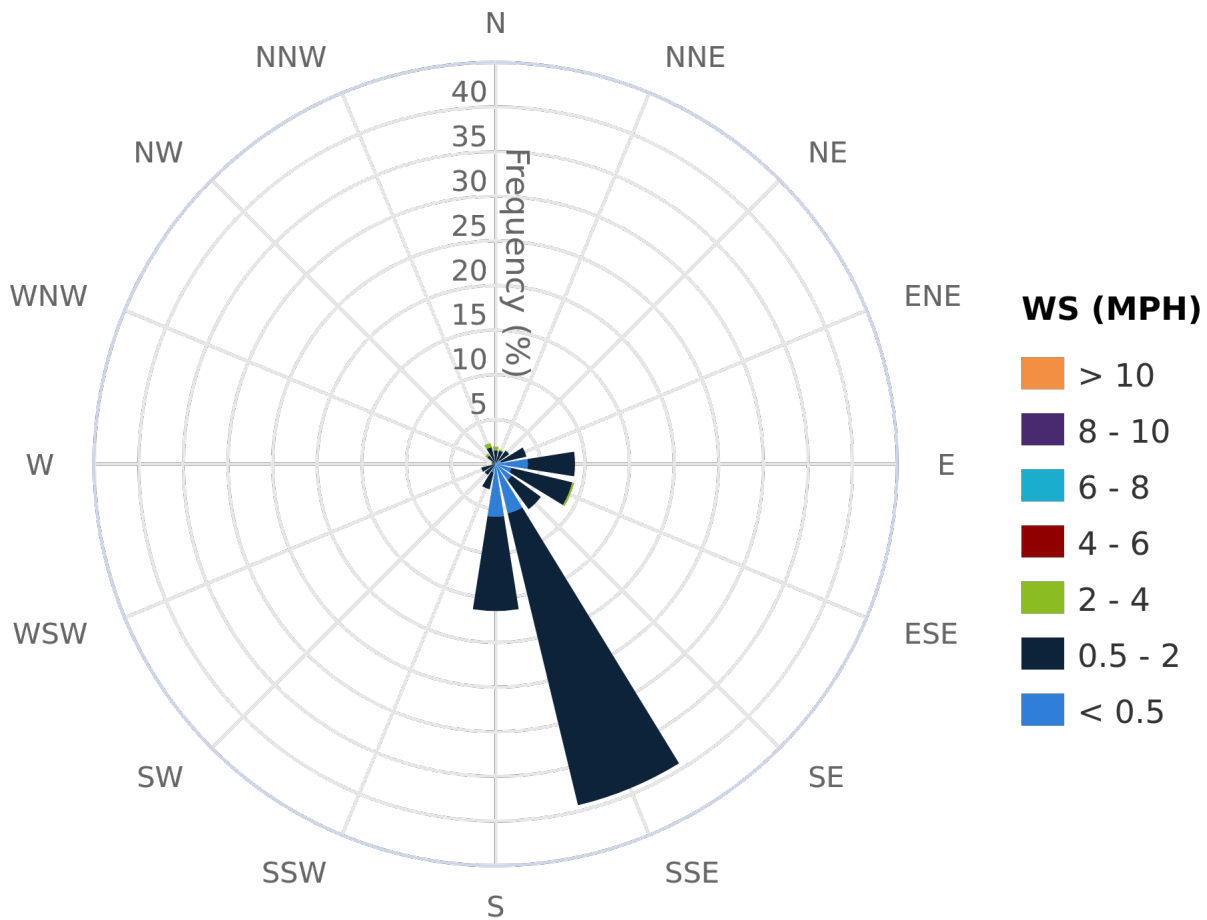


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

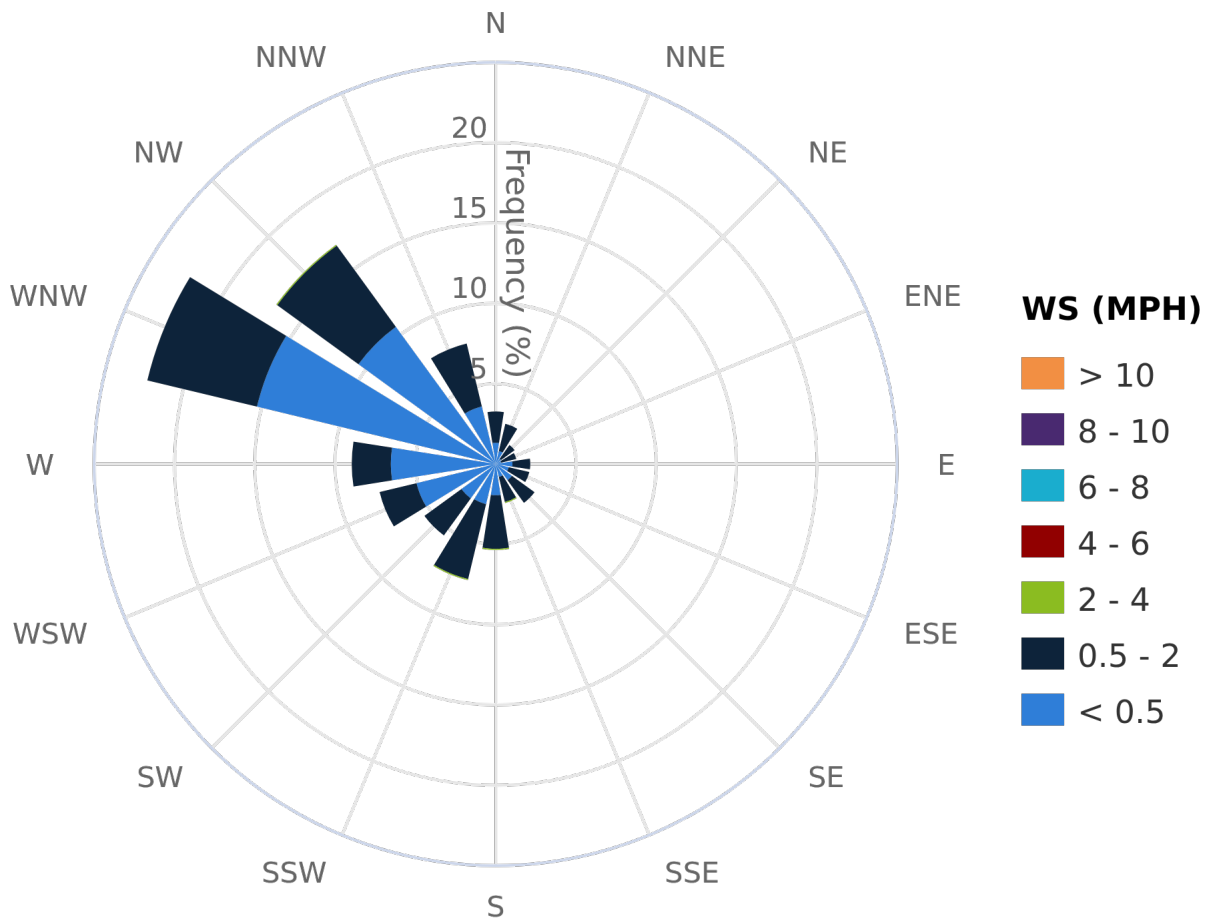


Figure 3 : Wind Rose Chart (WS in MPH)



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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	15.4	12.1	21.5	18.1	9.9	8.6	12.7	15.9	-0.042	0.001	0.000	0.000
00:15:00	17.4	11.3	22.6	28.9	11.3	8.1	23.0	16.6	-0.037	0.000	0.000	0.000
00:30:00	19.4	12.0	20.4	22.6	13.2	8.7	16.8	14.1	-0.037	-0.001	0.000	0.000
00:45:00	19.9	11.8	20.1	21.5	13.7	8.3	15.9	13.7	-0.036	-0.001	0.000	0.000
01:00:00	21.3	12.1	22.9	19.6	14.7	8.6	14.1	16.7	-0.034	0.000	0.000	0.000
01:15:00	20.4	12.2	18.5	21.6	14.2	9.0	15.1	12.7	-0.033	0.000	0.000	0.000
01:30:00	18.5	13.7	17.7	24.4	12.6	10.1	17.8	12.1	-0.041	0.000	0.000	0.000
01:45:00	18.4	14.1	18.5	24.9	12.2	10.6	18.1	12.9	-0.045	0.000	0.000	0.000
02:00:00	19.2	14.6	20.3	23.4	12.6	11.1	16.8	14.7	-0.045	0.000	0.000	0.000
02:15:00	18.0	15.9	21.5	21.0	12.0	12.2	15.2	15.8	-0.045	-0.001	0.000	0.000
02:30:00	17.8	18.1	23.0	21.3	11.5	13.9	13.9	16.7	-0.041	0.000	0.000	0.000
02:45:00	16.8	16.1	21.8	19.9	11.0	12.5	13.4	15.7	-0.038	0.000	0.000	0.000
03:00:00	17.7	17.4	18.5	18.1	11.5	13.6	12.4	13.3	-0.035	-0.001	0.000	0.000
03:15:00	18.0	19.3	17.4	19.0	11.6	15.3	13.0	11.8	-0.036	0.001	0.000	0.000
03:30:00	17.1	19.3	16.1	17.8	11.1	15.3	12.3	11.5	-0.040	0.000	0.000	0.000
03:45:00	16.8	18.6	16.8	17.0	10.8	14.9	11.6	11.4	-0.041	0.001	0.000	0.000
04:00:00	16.2	18.3	17.7	16.7	10.5	14.7	11.1	12.3	-0.038	0.001	0.000	0.000
04:15:00	16.8	18.3	17.0	16.2	10.5	14.7	10.7	12.0	-0.037	0.000	0.000	0.000
04:30:00	15.9	20.1	17.2	15.3	10.2	16.4	10.2	12.1	-0.033	0.000	0.000	0.000
04:45:00	15.7	20.4	17.6	15.3	10.1	16.7	10.2	12.3	-0.027	0.000	0.000	0.000
05:00:00	16.4	20.0	17.7	15.3	10.4	16.4	10.1	12.3	-0.023	0.000	0.000	0.000
05:15:00	16.8	19.3	17.0	15.1	10.7	16.0	10.2	12.0	-0.024	-0.001	0.000	0.000
05:30:00	17.3	20.1	18.1	15.6	10.9	16.3	10.6	12.5	-0.029	0.001	0.000	0.000
05:45:00	30.9	20.8	19.4	15.2	12.2	16.8	10.2	13.6	-0.027	0.000	0.000	0.000
06:00:00	17.7	21.0	19.5	16.6	11.1	17.0	11.3	14.0	-0.026	0.000	0.000	0.000
06:15:00	17.1	21.0	19.3	18.7	11.1	16.3	12.0	14.1	-0.025	0.000	0.000	0.000
06:30:00	17.8	19.7	18.4	19.1	11.5	16.0	12.4	13.3	-0.025	0.000	0.000	0.000
06:45:00	17.2	24.0	17.5	24.0	10.9	19.5	12.5	12.7	-0.027	0.000	0.000	0.000
07:00:00	16.5	24.0	17.2	22.2	10.5	19.5	11.7	12.4	-0.028	0.001	0.000	0.000
07:15:00	17.2	26.4	17.0	25.6	10.4	19.8	12.2	11.9	-0.029	0.001	0.000	0.000
07:30:00	17.6	24.0	16.3	18.6	10.5	19.0	10.8	11.5	-0.030	0.001	0.000	0.000
07:45:00	19.0	20.4	18.8	30.0	10.7	16.4	12.9	11.6	-0.037	0.000	0.000	0.000
08:00:00	18.6	18.7	19.4	38.4	10.6	15.2	14.8	11.8	-0.045	0.001	0.000	0.000
08:15:00	17.5	16.1	16.4	26.7	9.8	12.5	12.0	10.7	-0.054	0.001	0.000	0.000
08:30:00	48.9	14.0	20.0	15.8	12.0	10.5	9.0	11.3	-0.058	0.001	0.000	0.000
08:45:00	23.4	13.1	16.3	13.1	8.8	9.4	8.1	10.1	-0.057	0.001	0.000	0.000
09:00:00	13.9	11.9	14.4	13.3	7.9	8.5	7.8	9.2	-0.053	0.000	0.000	0.000
09:15:00	13.4	12.7	13.4	11.9	7.4	8.9	7.2	8.5	-0.046	0.000	0.000	0.000
09:30:00	14.6	11.0	12.9	11.8	6.8	7.3	6.7	7.8	-0.039	0.000	0.000	0.000
09:45:00	16.1	10.5	12.2	11.4	6.6	6.6	6.0	6.9	-0.033	0.000	0.000	0.000
10:00:00	13.1	9.3	11.8	12.5	6.1	5.6	5.8	6.3	-0.027	0.000	0.000	0.000
10:15:00	13.1	9.7	11.5	11.6	6.0	5.4	5.7	5.9	-0.018	0.000	0.000	0.000
10:30:00	15.7	10.7	10.8	11.0	6.0	5.6	5.2	5.4	-0.010	0.000	0.000	0.000
10:45:00	11.7	9.1	10.7	11.4	5.5	5.2	5.4	5.6	0.004	0.000	0.000	0.001
11:00:00	30.6	8.7	11.0	10.9	8.0	4.8	5.4	5.6	0.007	0.000	0.000	0.008
11:15:00	11.3	7.3	10.7	10.1	5.0	3.9	5.0	5.2	0.011	0.001	0.000	0.011
11:30:00	9.7	6.5	10.6	9.7	4.3	3.4	4.5	5.1	0.022	0.002	0.000	0.016
11:45:00	10.1	6.8	15.0	8.9	4.4	3.7	4.1	5.3	0.030	0.002	0.000	0.020



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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	15.8	6.8	16.0	9.7	5.1	3.5	4.4	5.4	0.032	0.001	0.000	0.019
12:15:00	10.4	6.6	9.7	11.6	4.2	3.5	4.5	4.2	0.024	0.003	0.000	0.017
12:30:00	11.2	6.6	8.7	9.6	4.4	3.6	4.2	4.0	0.016	0.003	0.000	0.006
12:45:00	10.8	7.0	8.9	9.1	4.9	3.6	4.2	4.0	0.008	0.003	0.000	0.000
13:00:00	10.1	6.8	9.0	9.2	4.4	3.6	4.4	4.0	0.003	0.003	0.000	0.000
13:15:00	9.8	6.7	8.5	8.7	4.5	3.6	4.0	4.0	0.000	0.002	0.000	0.000
13:30:00	10.6	6.9	8.5	9.7	4.9	3.7	4.5	4.0	-0.027	0.002	0.000	0.000
13:45:00	9.7	6.8	10.2	9.7	4.4	3.6	4.2	4.3	-0.054	0.002	0.000	0.000
14:00:00	9.6	6.7	9.3	9.0	4.2	3.5	4.0	4.0	-0.055	0.002	0.000	0.000
14:15:00	9.3	6.6	8.3	8.6	4.0	3.5	4.0	3.9	-0.069	0.001	0.000	0.000
14:30:00	8.8	6.4	8.5	8.3	4.0	3.4	4.0	3.8	-0.081	0.002	0.000	0.000
14:45:00	9.2	6.6	8.4	8.5	4.0	3.5	4.1	3.8	-0.092	0.002	0.000	0.000
15:00:00	38.1	6.6	9.6	10.6	8.3	3.6	5.5	4.0	-0.124	0.001	0.000	0.000
15:15:00	11.3	6.6	12.5	8.7	4.5	3.6	4.0	4.7	-0.118	0.001	0.000	0.000
15:30:00	11.0	6.7	13.0	15.5	5.4	3.7	5.6	4.8	-0.106	0.001	0.000	0.000
15:45:00	10.2	6.9	9.7	9.7	4.3	3.6	4.3	4.1	-0.109	0.001	0.000	0.000
16:00:00	9.5	7.1	10.2	12.5	4.3	3.7	6.2	4.3	-0.104	0.001	0.000	0.000
16:15:00	9.9	7.1	11.9	13.2	4.2	3.8	5.5	4.5	-0.064	0.000	0.000	0.000
16:30:00	10.3	7.1	11.5	12.9	4.4	3.8	6.0	4.4	-0.064	0.001	0.000	0.000
16:45:00	10.7	7.0	11.7	12.0	4.5	3.8	4.8	4.6	-0.071	0.000	0.000	0.000
17:00:00	17.3	7.0	13.2	9.6	5.2	3.8	4.5	4.7	-0.053	0.000	0.000	0.000
17:15:00	36.7	7.3	14.0	11.6	8.0	4.0	4.8	4.6	-0.016	0.001	0.000	0.002
17:30:00	18.7	7.9	11.3	36.8	5.8	4.6	7.8	4.4	-0.008	0.000	0.000	0.000
17:45:00	238.8	7.5	9.0	87.8	37.5	4.3	19.9	4.1	-0.004	0.000	0.000	0.000
18:00:00	117.4	7.9	11.9	17.8	19.0	4.2	6.2	4.6	-0.002	0.000	0.004	0.000
18:15:00	39.8	7.9	11.5	10.3	8.9	4.2	4.7	4.7	-0.001	0.000	0.000	0.000
18:30:00	204.3	8.6	10.5	9.5	29.4	4.4	4.4	4.4	-0.005	0.000	0.004	0.000
18:45:00	127.8	8.7	10.5	14.6	20.0	4.4	5.2	4.5	-0.009	0.000	0.009	0.000
19:00:00	27.8	8.9	10.4	11.5	7.7	4.6	6.0	4.5	-0.016	0.000	0.007	0.000
19:15:00	53.6	9.0	10.0	11.7	10.3	4.5	6.2	4.3	-0.018	0.000	0.006	0.000
19:30:00	20.1	8.9	10.0	15.1	7.4	4.6	6.4	4.3	-0.024	0.000	0.006	0.000
19:45:00	17.7	8.8	150.4	44.1	7.1	4.5	12.5	27.4	-0.031	0.000	0.002	0.000
20:00:00	235.1	8.7	64.5	17.4	34.1	4.5	7.9	14.8	-0.042	-0.001	0.000	0.000
20:15:00	92.1	8.8	58.4	12.4	20.8	4.5	6.1	14.4	-0.047	0.000	0.000	0.000
20:30:00	48.5	8.9	49.3	14.7	17.6	4.5	7.3	13.0	-0.048	-0.001	0.000	0.000
20:45:00	31.6	9.1	43.6	28.2	14.4	4.7	10.2	11.8	-0.052	0.000	0.000	0.000
21:00:00	183.7	9.3	32.9	33.9	33.6	4.9	9.5	9.8	-0.056	0.000	0.000	0.000
21:15:00	35.5	9.1	25.8	21.3	16.1	4.8	7.5	8.4	-0.062	0.000	0.000	0.000
21:30:00	36.5	9.1	25.7	26.9	21.7	5.0	11.4	8.2	-0.061	0.000	0.000	0.000
21:45:00	46.2	9.7	28.0	14.9	30.5	5.3	7.5	8.6	-0.061	0.001	0.000	0.000
22:00:00	23.8	14.7	31.1	13.3	13.8	10.3	6.5	9.8	-0.066	0.001	0.000	0.000
22:15:00	27.4	11.2	23.1	11.4	18.0	7.0	5.8	7.9	-0.065	0.001	0.000	0.000
22:30:00	43.6	13.0	19.4	11.1	33.5	8.3	5.6	6.9	-0.054	0.001	0.000	0.000
22:45:00	43.9	13.9	15.6	11.4	34.8	9.4	5.9	6.0	-0.052	0.000	0.000	0.000
23:00:00	32.8	13.8	12.7	11.2	25.0	9.7	6.2	5.5	-0.053	0.000	0.001	0.000
23:15:00	62.7	11.2	14.0	13.8	51.4	7.2	7.3	5.9	-0.053	0.000	0.006	0.000
23:30:00	92.0	9.8	12.9	19.8	77.1	5.4	11.8	6.1	-0.054	0.000	0.000	0.000
23:45:00	16.7	10.3	13.5	13.1	10.8	5.9	7.4	7.7	-0.055	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)
17:45:00	238.8				37.5							
18:30:00	204.3											
19:45:00					150.4							
20:00:00	235.1											
21:00:00	183.7											
23:15:00					51.4							
23:30:00					77.1							