



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-06-27

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.134 to 5.503	2943 SSE	3061 SSW	2996 WSW	2997 NNW	Min : 70.88 Max : 101.8	Min : 44.80 Max : 87.90	Min : 29.98 Max : 30.37

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	31.9	323.3	18.0	285.1	0.013	0.069
2996	17.0	23.3	7.7	11.6	0.006	0.052
2997	21.3	36.4	7.9	12.5	0.003	0.030
3061	16.8	22.1	7.4	11.5	0.002	0.010



Figure 1 : Monitoring Locations

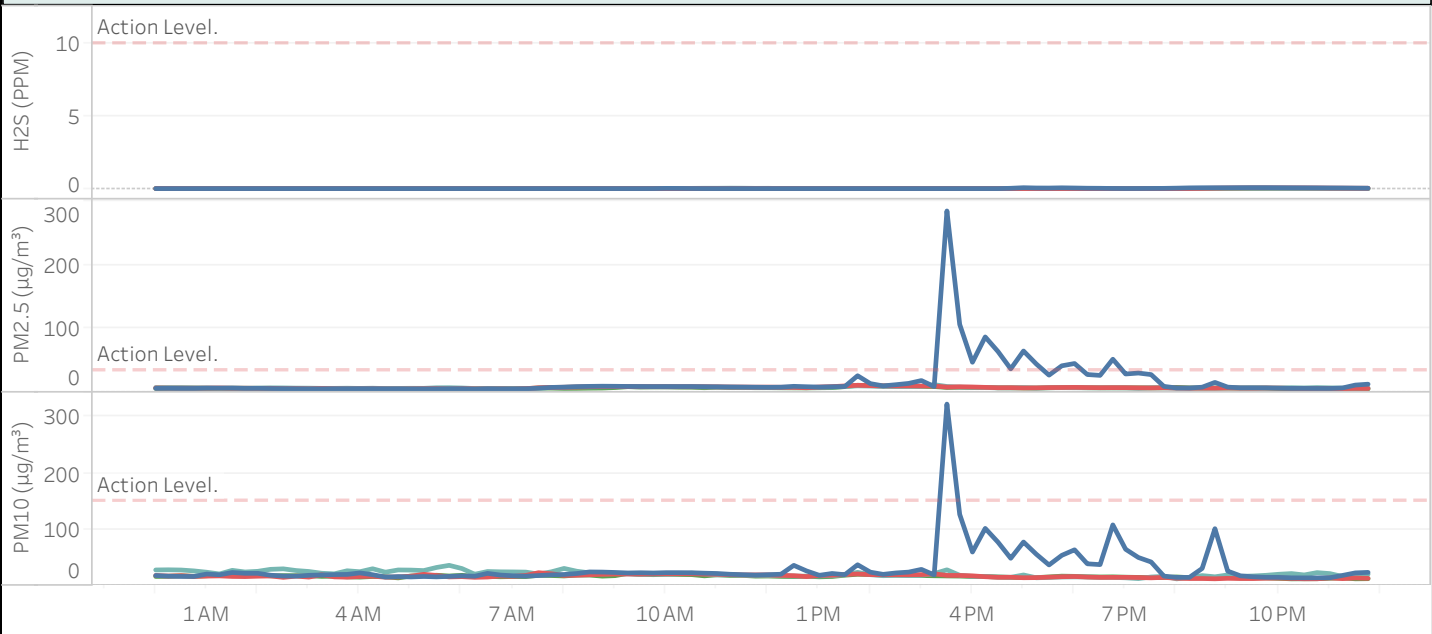


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2996 ■ 2997 ■ 3061



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Wind Rose Chart 2943

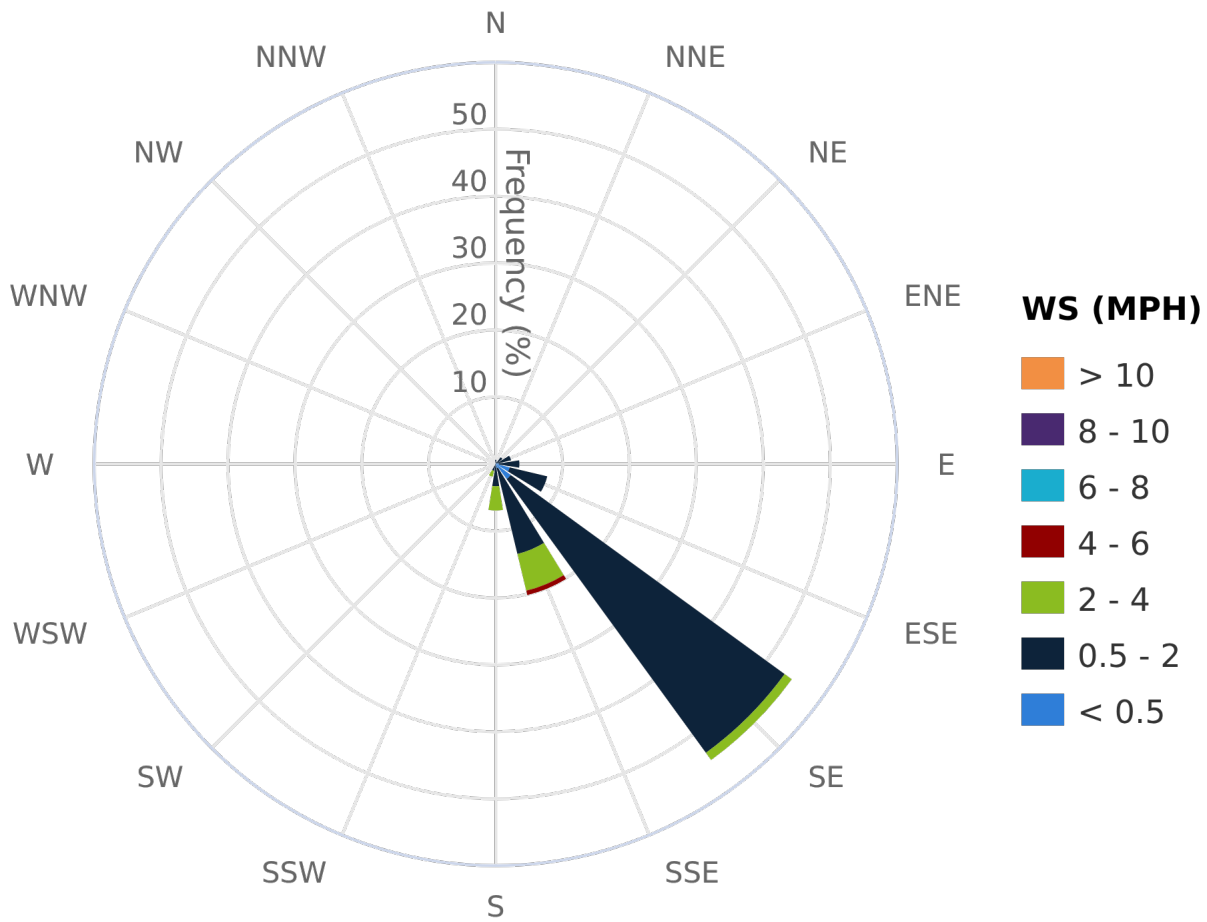


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

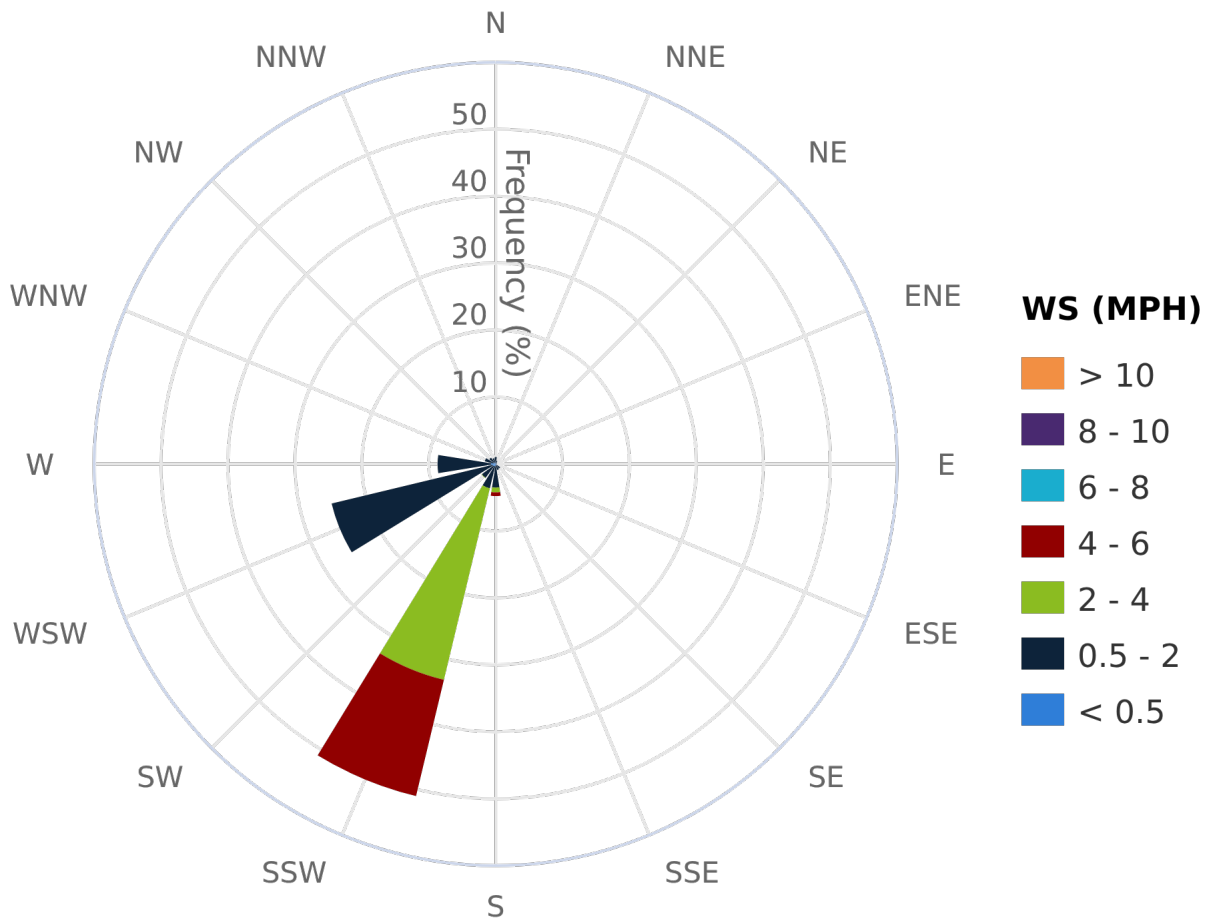


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

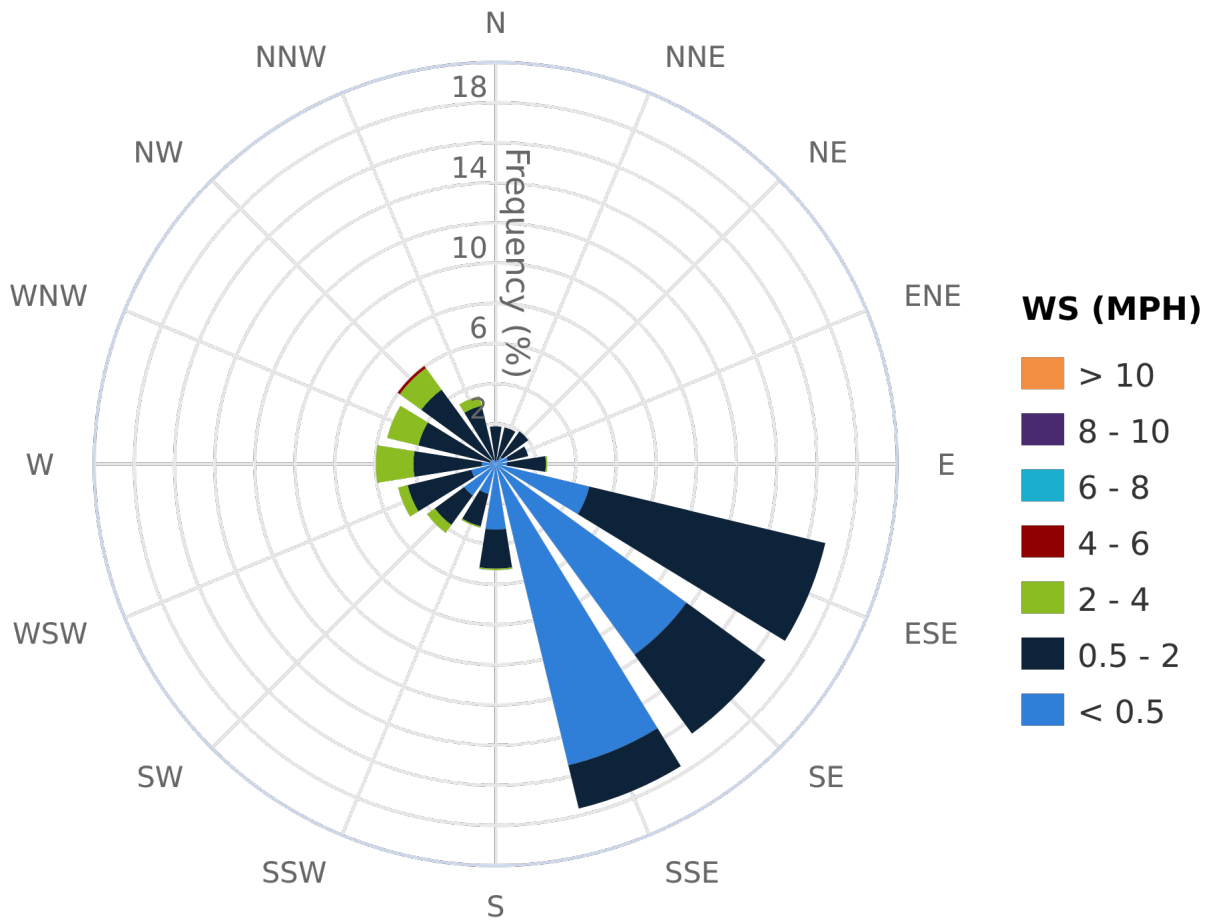


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

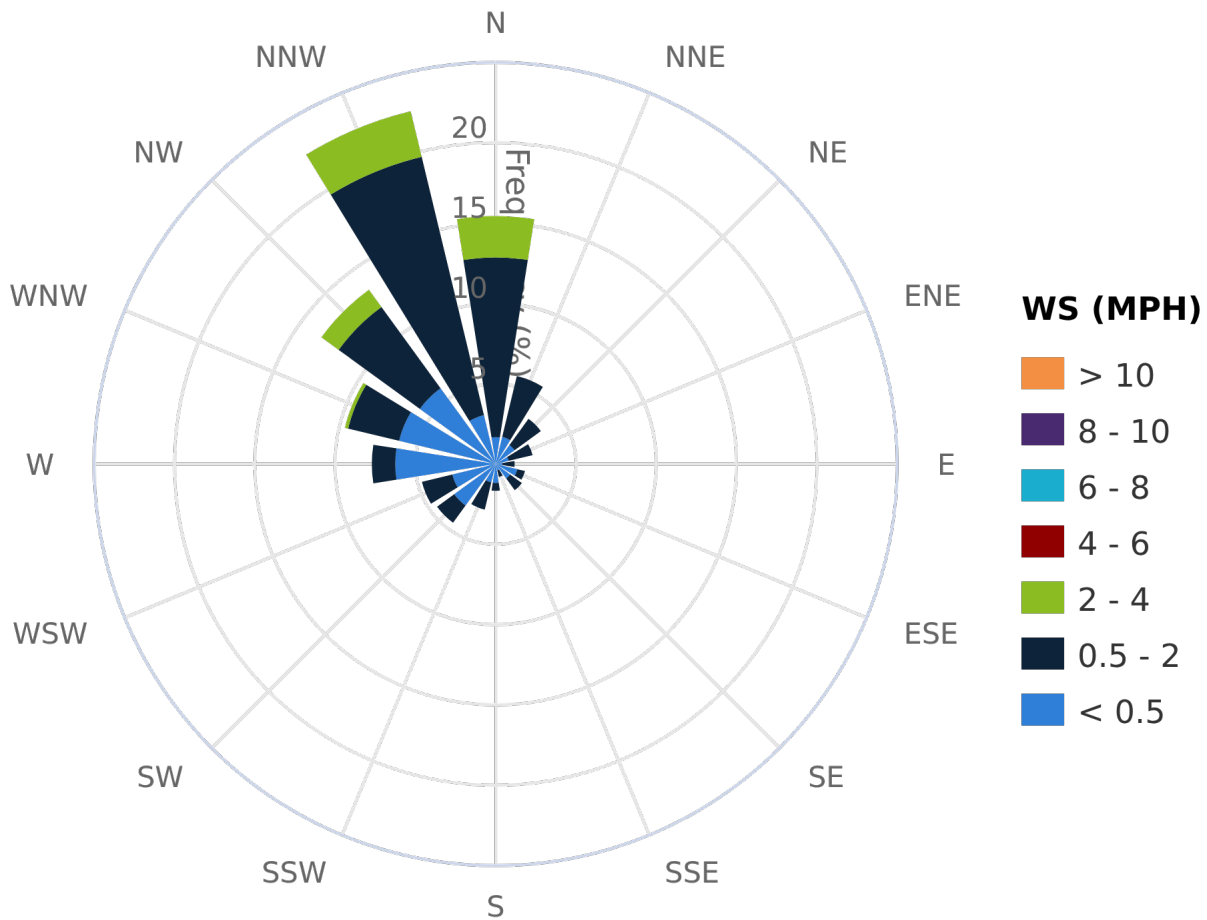


Figure 3 : Wind Rose Chart (WS in MPH)



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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	18.2	16.6	28.1	18.2	6.7	6.6	7.3	8.1	0.000	0.000	0.002	0.000
00:15:00	17.1	16.9	28.4	17.3	6.8	6.9	7.1	8.0	0.000	0.000	0.001	0.000
00:30:00	16.6	17.7	28.0	17.9	6.6	6.9	7.0	8.0	0.000	0.000	0.000	0.000
00:45:00	16.6	16.9	26.5	16.6	6.6	6.9	7.0	7.8	0.000	0.000	0.000	0.000
01:00:00	20.8	17.8	24.1	17.2	7.1	6.8	7.1	7.5	0.000	0.000	0.000	0.000
01:15:00	19.6	19.3	21.0	17.6	7.1	6.7	7.3	7.0	0.000	0.000	0.000	0.000
01:30:00	23.6	18.5	27.5	16.6	7.1	6.7	6.9	7.5	0.000	0.000	0.000	0.000
01:45:00	22.2	19.7	24.5	16.3	6.7	6.8	7.0	7.1	0.000	0.000	0.000	0.000
02:00:00	22.2	19.2	25.7	17.0	6.8	6.6	6.8	7.3	0.000	0.000	0.000	0.000
02:15:00	18.8	17.6	29.3	17.4	6.4	6.2	6.8	7.5	0.000	0.000	0.000	0.000
02:30:00	17.3	18.0	30.1	15.0	6.2	6.2	6.1	7.4	0.000	0.000	0.000	0.000
02:45:00	17.2	17.9	27.1	17.1	6.1	6.1	6.2	7.1	0.000	0.000	0.000	0.000
03:00:00	18.6	17.8	25.4	15.4	5.9	6.1	5.9	7.0	0.000	0.000	0.000	0.000
03:15:00	19.3	16.7	22.3	19.6	6.0	6.0	6.4	6.8	0.000	0.000	0.000	0.000
03:30:00	19.9	17.0	21.2	15.8	6.1	6.0	6.0	6.8	0.000	0.000	0.000	0.000
03:45:00	20.2	15.9	26.7	15.3	6.1	5.7	5.8	7.0	0.000	0.000	0.000	0.000
04:00:00	22.9	15.4	25.0	16.5	6.2	5.7	5.9	6.7	0.000	0.000	0.000	0.000
04:15:00	19.7	16.5	30.3	17.0	6.1	5.9	6.0	7.0	0.000	0.000	0.000	0.000
04:30:00	15.5	16.0	24.2	15.3	6.0	5.9	5.8	6.4	0.000	0.000	0.000	0.000
04:45:00	16.4	14.0	28.1	15.6	6.0	5.3	5.7	6.7	0.000	0.000	0.000	0.000
05:00:00	15.7	17.4	27.9	17.1	5.8	5.7	5.9	6.8	0.000	0.000	0.000	0.000
05:15:00	16.5	17.7	27.0	20.3	5.9	6.4	6.1	6.8	0.000	0.000	0.000	0.000
05:30:00	15.8	18.7	32.5	18.4	5.9	6.3	6.2	7.6	0.000	0.000	0.000	0.000
05:45:00	16.7	17.4	36.4	15.8	6.1	6.0	5.7	7.7	0.000	0.000	0.000	0.000
06:00:00	17.6	18.6	30.6	16.2	6.1	6.3	6.1	7.3	0.000	0.000	0.000	0.000
06:15:00	17.0	16.4	20.5	15.0	5.6	6.2	5.9	6.5	0.000	0.000	0.000	0.000
06:30:00	22.1	16.7	25.4	15.6	6.1	6.3	5.8	6.5	0.000	0.000	0.000	0.000
06:45:00	19.1	16.0	24.8	17.3	5.9	6.3	5.9	6.4	0.000	0.000	0.000	0.000
07:00:00	17.7	16.4	24.7	16.7	5.9	6.5	5.6	6.4	0.000	0.000	0.000	0.000
07:15:00	17.1	16.4	24.3	18.4	6.1	6.4	6.3	6.3	0.000	0.000	0.000	0.000
07:30:00	18.2	18.6	20.8	23.3	7.0	7.2	7.7	6.8	0.000	0.000	0.000	0.000
07:45:00	19.4	18.2	24.8	21.4	8.2	7.1	8.2	8.0	0.000	0.000	0.000	0.000
08:00:00	20.1	17.5	30.9	18.4	8.7	6.7	8.4	8.4	0.000	0.000	0.000	0.000
08:15:00	21.8	19.0	25.8	18.7	9.4	6.8	8.8	9.0	0.000	0.000	0.000	0.000
08:30:00	24.6	19.0	23.0	19.6	9.9	7.0	9.3	9.0	0.000	0.000	0.000	0.000
08:45:00	24.4	17.1	21.1	20.4	10.1	7.2	9.5	9.3	0.000	0.000	0.000	0.000
09:00:00	23.7	18.0	21.6	20.8	10.0	8.0	9.6	9.4	0.000	0.000	0.000	0.000
09:15:00	22.8	22.1	21.1	20.9	9.7	9.3	9.5	9.5	0.000	0.000	0.000	0.000
09:30:00	23.2	20.2	19.9	20.8	9.7	8.8	9.3	9.1	0.000	0.000	0.000	0.000
09:45:00	22.7	19.7	20.5	21.1	9.5	9.0	9.3	9.2	0.002	0.000	0.000	0.000
10:00:00	23.3	20.6	20.3	21.3	9.6	9.1	9.3	9.0	0.016	0.000	0.000	0.003
10:15:00	23.3	20.1	21.2	21.4	9.5	8.6	9.3	9.2	0.012	0.000	0.000	0.012
10:30:00	23.2	19.9	22.4	21.3	9.6	8.5	9.3	9.2	0.005	0.000	0.000	0.016
10:45:00	22.4	17.7	21.1	20.7	9.3	7.7	9.2	9.0	0.001	0.000	0.000	0.023
11:00:00	21.8	19.5	19.4	20.5	9.2	8.6	9.1	8.6	0.000	0.000	0.000	0.023
11:15:00	20.5	18.4	19.6	19.8	8.8	8.0	8.8	8.7	0.000	0.000	0.000	0.030
11:30:00	19.7	18.4	18.6	19.3	8.7	8.0	8.8	8.4	0.000	0.000	0.000	0.026
11:45:00	19.0	17.2	18.5	19.4	8.6	7.7	8.6	8.2	0.000	0.000	0.000	0.018



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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	19.8	17.3	18.3	19.3	8.4	7.8	8.7	8.2	0.000	0.000	0.000	0.021
12:15:00	20.5	16.7	18.2	18.4	8.6	7.6	8.4	8.2	0.000	0.000	0.000	0.007
12:30:00	36.3	16.4	17.3	18.0	9.9	7.5	8.3	7.9	0.000	0.000	0.000	0.000
12:45:00	26.4	16.9	17.1	16.3	9.3	7.4	7.6	7.8	0.000	0.000	0.000	0.000
13:00:00	18.6	15.9	17.5	18.4	8.8	7.7	8.9	8.2	0.000	0.000	0.000	0.000
13:15:00	21.9	16.5	17.8	18.8	9.3	7.9	9.4	8.6	0.000	0.000	0.000	0.000
13:30:00	19.7	18.8	19.5	20.1	9.6	9.5	10.5	9.6	0.000	0.000	0.000	0.000
13:45:00	37.4	20.5	23.9	21.0	26.5	11.5	11.6	10.6	0.000	0.000	0.000	0.000
14:00:00	24.2	20.0	19.7	19.8	14.2	11.2	11.0	10.3	0.000	0.000	0.000	0.000
14:15:00	20.3	19.2	17.9	19.6	10.6	10.4	10.6	9.6	0.000	0.000	0.000	0.000
14:30:00	22.8	19.1	18.5	19.7	12.5	10.4	10.5	9.5	0.000	0.000	0.000	0.000
14:45:00	24.3	19.1	18.1	19.6	14.5	10.4	10.6	9.6	0.000	0.000	0.000	0.000
15:00:00	29.2	18.2	18.6	19.9	19.0	9.8	10.4	9.8	0.000	0.000	0.000	0.000
15:15:00	19.3	17.8	21.6	21.3	9.6	9.6	10.4	12.5	0.000	0.000	0.000	0.000
15:30:00	323.3	17.5	28.4	18.4	285.1	8.1	8.7	9.7	0.000	0.000	0.000	0.000
15:45:00	127.0	17.2	18.7	18.4	107.1	8.4	9.2	8.6	0.000	0.000	0.000	0.000
16:00:00	60.0	16.5	16.7	17.7	47.7	8.0	8.9	8.3	0.000	0.000	0.000	0.000
16:15:00	102.1	16.4	16.5	16.1	87.4	8.3	8.3	8.0	0.000	0.006	0.000	0.000
16:30:00	77.6	15.7	15.5	15.0	64.6	7.6	7.7	7.4	0.000	0.008	0.000	0.000
16:45:00	48.9	15.0	15.1	15.2	37.3	7.6	7.8	7.4	0.022	0.009	0.000	0.005
17:00:00	77.8	14.5	19.2	14.3	65.3	7.2	7.4	7.8	0.061	0.010	0.000	0.003
17:15:00	56.2	14.6	14.2	14.5	45.0	7.2	7.5	7.1	0.042	0.009	0.000	0.000
17:30:00	37.0	15.7	14.8	15.3	27.4	7.6	7.9	7.6	0.039	0.009	0.000	0.005
17:45:00	54.1	17.1	15.6	16.1	42.1	8.1	8.1	7.8	0.054	0.008	0.000	0.008
18:00:00	64.0	16.8	15.7	16.5	45.7	8.0	8.2	7.7	0.041	0.006	0.000	0.005
18:15:00	39.1	15.9	15.7	15.5	28.4	7.6	8.0	7.6	0.026	0.006	0.000	0.005
18:30:00	37.7	15.7	15.0	14.9	27.1	7.6	7.8	7.4	0.021	0.005	0.000	0.000
18:45:00	108.3	15.9	14.9	15.0	52.4	7.6	7.9	7.5	0.011	0.004	0.000	0.000
19:00:00	65.0	15.3	14.2	15.0	29.3	7.6	7.8	7.4	0.006	0.005	0.000	0.000
19:15:00	50.3	14.9	12.8	14.7	30.7	7.5	7.6	6.8	0.008	0.005	0.000	0.000
19:30:00	42.3	14.5	15.6	14.1	28.3	7.4	7.4	7.5	0.012	0.006	0.000	0.000
19:45:00	17.2	14.7	16.8	14.9	9.8	7.5	7.7	7.5	0.017	0.005	0.000	0.002
20:00:00	14.9	15.7	12.3	13.5	7.4	8.3	7.2	6.7	0.031	0.005	0.000	0.004
20:15:00	14.9	14.5	14.8	12.9	7.2	7.5	6.9	6.9	0.051	0.007	0.001	0.007
20:30:00	30.8	14.1	18.1	12.9	8.6	7.1	7.1	7.3	0.058	0.007	0.014	0.011
20:45:00	101.6	14.3	15.9	12.4	16.1	7.2	7.0	7.1	0.060	0.007	0.029	0.013
21:00:00	26.1	15.0	19.2	13.2	8.7	7.2	7.3	7.6	0.060	0.008	0.043	0.014
21:15:00	17.7	13.9	16.8	12.9	7.6	7.1	7.0	7.3	0.066	0.007	0.046	0.011
21:30:00	15.9	14.3	17.4	12.8	7.6	7.2	7.0	7.3	0.069	0.008	0.052	0.009
21:45:00	15.0	14.0	18.6	13.4	7.4	7.1	7.2	7.4	0.068	0.007	0.051	0.005
22:00:00	14.9	13.2	20.5	13.7	7.0	6.4	7.1	7.5	0.063	0.007	0.051	0.001
22:15:00	14.1	12.3	21.7	13.1	6.7	6.1	6.7	7.8	0.058	0.006	0.049	0.000
22:30:00	14.1	12.4	19.2	12.4	6.7	5.8	6.4	7.4	0.056	0.005	0.047	0.000
22:45:00	14.1	12.5	23.4	12.5	6.6	5.9	6.4	8.0	0.051	0.004	0.043	0.000
23:00:00	14.3	13.4	21.7	13.9	6.6	6.0	6.6	7.5	0.046	0.004	0.035	0.000
23:15:00	18.4	14.1	16.5	12.7	7.4	6.1	6.3	7.2	0.043	0.003	0.031	0.000
23:30:00	22.9	12.4	17.4	13.8	11.9	5.9	6.7	7.0	0.035	0.003	0.027	0.000
23:45:00	23.8	12.6	20.6	13.2	13.3	5.9	6.6	7.2	0.028	0.002	0.025	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. 3061 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2997 - 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)
15:30:00	323.3				285.1							
15:45:00					107.1							
16:00:00					47.7							
16:15:00					87.4							
16:30:00					64.6							
16:45:00					37.3							
17:00:00					65.3							
17:15:00					45.0							
17:45:00					42.1							
18:00:00					45.7							
18:45:00					52.4							