



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-06-09

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.112 to 7.158	2943 ESE	3061 SSW	2996 SE	2997 NNE	Min : 69.26 Max : 96.44	Min : 48.30 Max : 85.80	Min : 30.02 Max : 30.22

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	11.2	38.0	4.0	7.8	0.009	0.092
2996	9.1	26.0	3.8	7.7	0.006	0.071
2997	28.0	100.1	5.1	11.6	0.001	0.013
3061	21.6	117.2	15.0	93.7	0.000	0.006



Figure 1 : Monitoring Locations

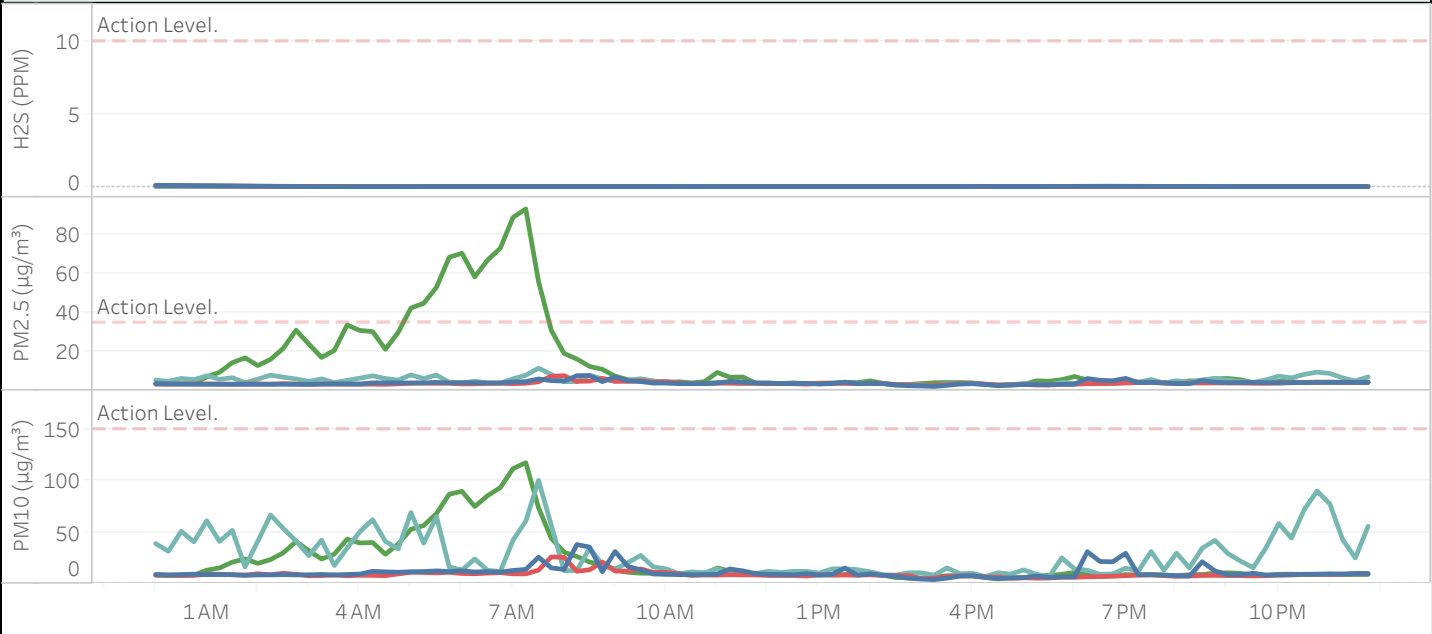


Figure 2 : 15 Minutes Average Concentrations ■ 2943 ■ 2996 ■ 2997 ■ 3061



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Wind Rose Chart 2943

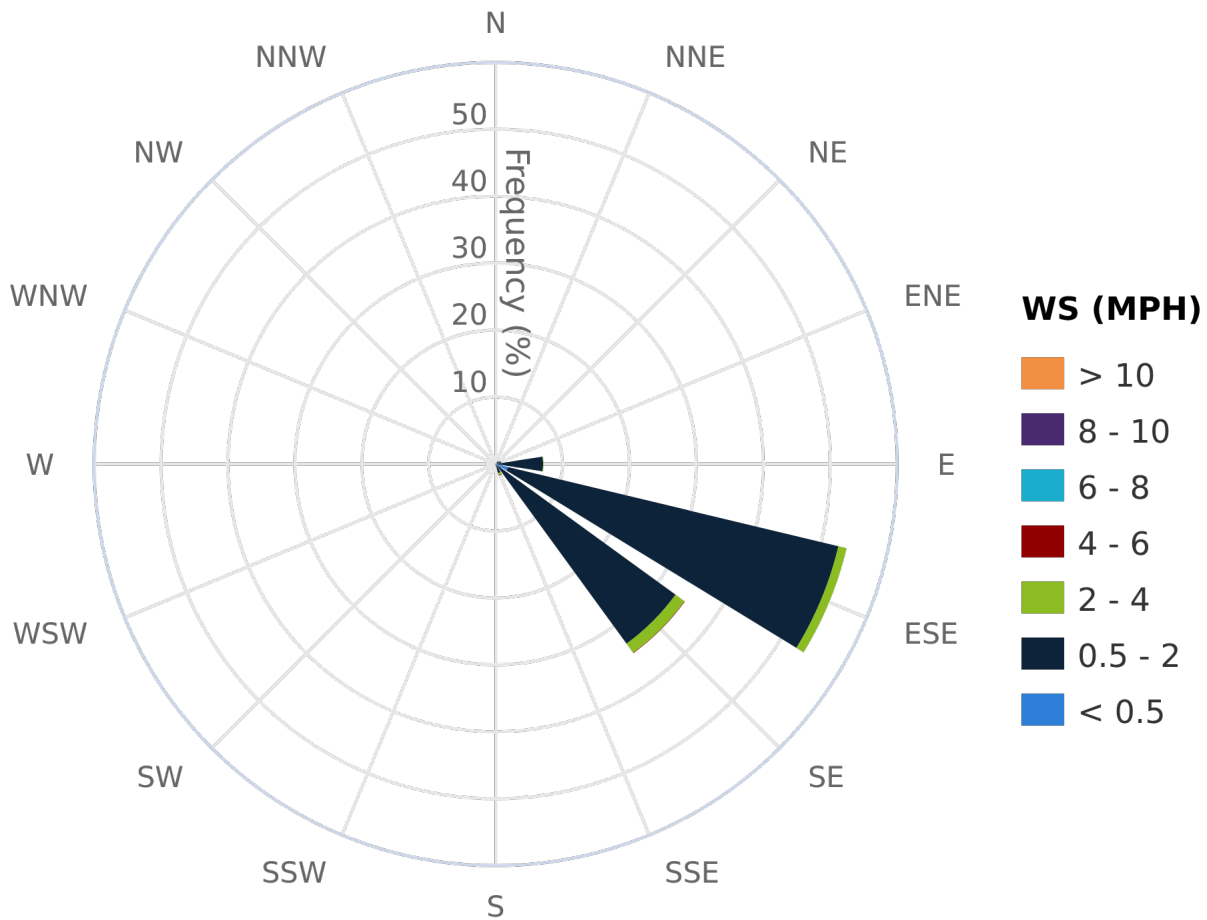


Figure 3 : Wind Rose Chart (WS in MPH)



DAILY AIR MONITORING REPORT

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Date : 2026-06-09

Wind Rose Chart 3061

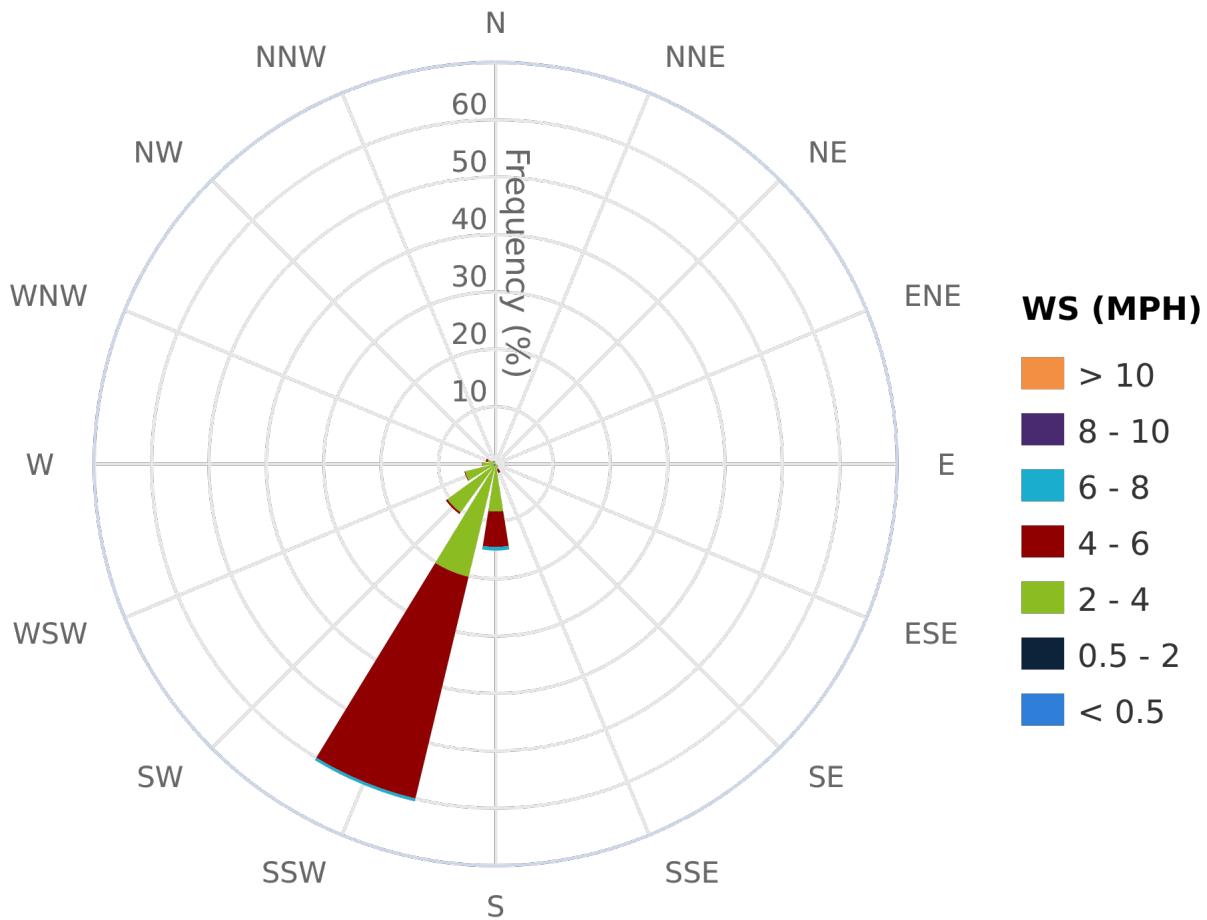


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

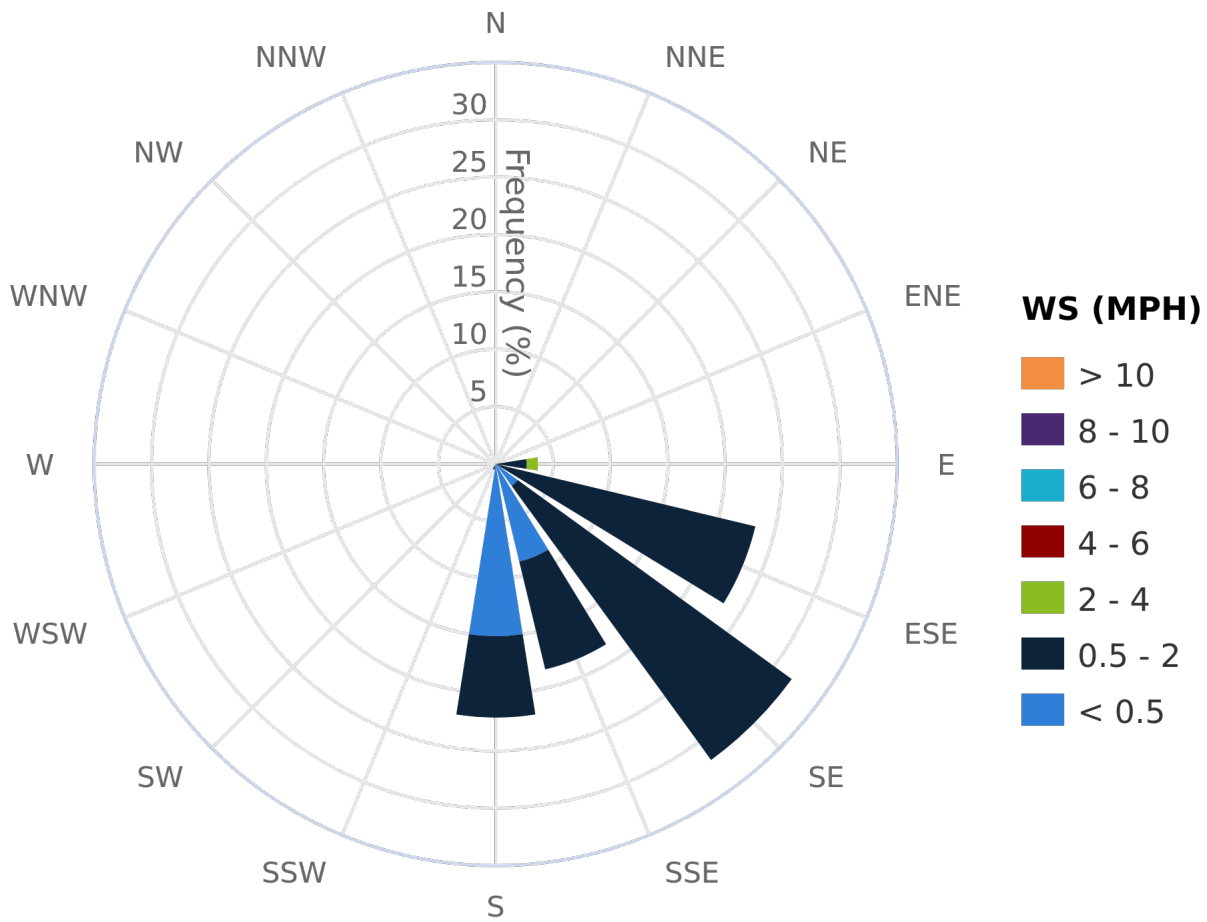


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

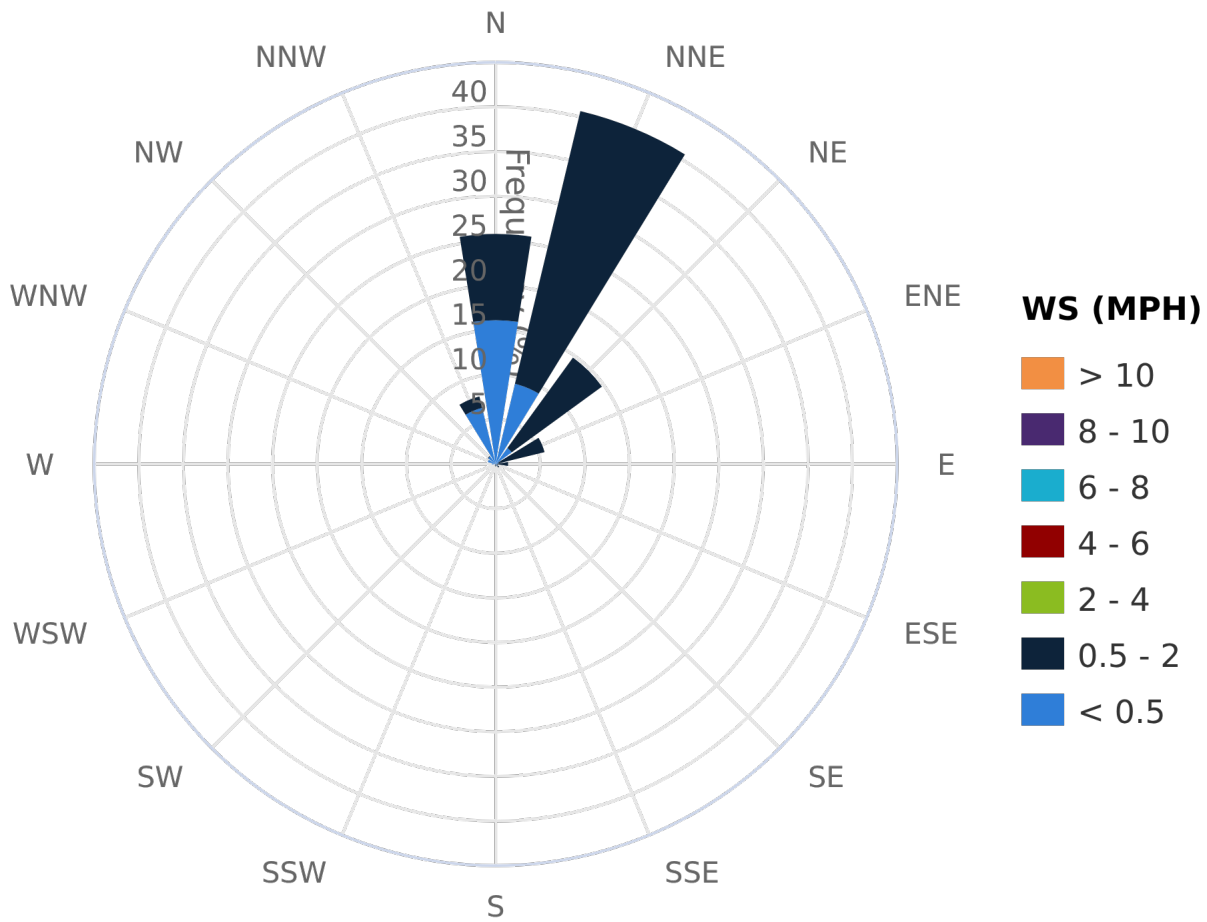


Figure 3 : Wind Rose Chart (WS in MPH)



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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	9.0	8.2	38.9	8.4	3.7	3.4	3.4	5.5	0.092	0.006	0.071	0.001
00:15:00	8.6	8.1	31.5	8.2	3.5	3.4	3.4	4.8	0.085	0.005	0.065	0.000
00:30:00	8.9	8.0	50.8	8.2	3.4	3.5	3.5	6.3	0.078	0.004	0.060	0.000
00:45:00	9.2	8.4	40.6	8.2	3.3	3.5	3.4	5.6	0.070	0.004	0.052	0.000
01:00:00	8.8	13.1	61.0	9.1	3.3	7.1	3.4	7.7	0.063	0.003	0.048	0.000
01:15:00	8.9	15.3	41.0	9.3	3.3	9.5	3.5	5.8	0.056	0.004	0.044	0.000
01:30:00	8.8	20.9	51.8	8.7	3.3	14.4	3.3	6.7	0.049	0.002	0.040	0.000
01:45:00	8.1	24.0	16.4	8.5	3.3	16.9	3.4	4.0	0.039	0.001	0.035	0.000
02:00:00	8.6	19.7	41.1	9.7	3.2	12.9	3.5	5.9	0.028	0.000	0.028	0.000
02:15:00	8.6	23.4	66.7	8.7	3.3	16.1	3.3	8.0	0.021	0.001	0.025	0.000
02:30:00	8.8	30.0	53.4	10.1	3.3	21.8	3.6	6.9	0.015	0.000	0.020	0.000
02:45:00	8.6	40.9	41.4	9.1	3.2	31.2	3.5	6.0	0.007	0.000	0.017	0.000
03:00:00	8.7	32.0	27.2	7.7	3.2	24.0	3.2	4.8	0.002	0.000	0.015	0.000
03:15:00	9.0	24.0	42.3	7.9	3.4	17.1	3.3	6.1	0.000	0.000	0.011	0.000
03:30:00	8.6	28.7	17.7	8.4	3.5	20.8	3.4	4.1	0.000	0.000	0.007	0.000
03:45:00	9.0	43.2	34.6	7.7	3.5	33.8	3.3	5.3	0.000	0.000	0.005	0.000
04:00:00	9.4	39.5	50.4	8.2	3.4	31.0	3.3	6.4	0.000	0.000	0.002	0.000
04:15:00	12.1	40.0	62.1	8.1	4.0	30.5	3.4	7.7	0.000	0.000	0.002	0.000
04:30:00	11.5	28.5	41.0	7.8	4.0	21.3	3.3	6.3	0.000	0.000	0.001	0.000
04:45:00	11.2	38.5	33.7	9.5	4.0	30.0	3.5	5.4	0.000	0.000	0.001	0.000
05:00:00	11.7	52.8	69.0	11.1	4.0	42.6	3.8	8.1	0.000	0.000	0.000	0.000
05:15:00	11.9	56.4	39.4	10.9	4.0	45.0	3.8	6.2	0.000	0.000	0.000	0.000
05:30:00	12.5	68.0	65.0	10.5	4.3	53.3	3.8	8.0	0.000	0.000	0.000	0.000
05:45:00	11.8	86.7	16.3	11.1	4.0	68.8	3.8	4.3	0.000	0.000	0.000	0.000
06:00:00	12.5	89.5	13.2	10.0	4.1	70.9	3.5	3.9	0.000	0.000	0.000	0.000
06:15:00	11.4	74.8	24.0	9.7	4.1	58.7	3.5	4.9	0.000	0.000	0.000	0.000
06:30:00	11.8	85.3	13.1	10.3	4.0	67.3	3.8	3.9	0.000	0.000	0.000	0.000
06:45:00	11.3	93.1	11.9	10.7	4.0	73.4	3.8	3.8	0.000	0.000	0.000	0.000
07:00:00	12.9	111.5	42.2	9.6	4.4	89.4	3.6	6.1	0.000	0.000	0.000	0.000
07:15:00	13.9	117.2	60.7	9.5	4.7	93.7	3.8	8.0	0.000	0.000	0.000	0.000
07:30:00	25.8	73.6	100.1	13.2	6.0	56.3	4.6	11.6	0.000	0.000	0.000	0.000
07:45:00	15.4	43.9	56.6	26.0	5.2	31.1	7.4	8.3	0.000	0.000	0.000	0.000
08:00:00	13.9	30.6	12.7	25.7	4.9	19.2	7.7	4.6	0.000	0.000	0.000	0.000
08:15:00	38.0	26.4	12.9	12.1	7.7	16.3	4.8	4.7	0.000	0.000	0.000	0.000
08:30:00	35.6	21.0	34.4	13.5	7.8	12.5	4.9	7.9	0.000	0.000	0.000	0.000
08:45:00	11.7	18.3	18.9	21.1	4.6	11.0	6.3	6.1	0.000	0.000	0.000	0.000
09:00:00	31.3	13.5	14.2	12.3	7.1	7.5	4.8	4.8	0.000	0.000	0.000	0.000
09:15:00	16.8	11.1	20.5	12.2	5.1	5.7	4.8	5.4	0.000	0.000	0.000	0.000
09:30:00	13.5	10.3	27.5	14.4	4.7	5.0	5.2	6.1	0.000	0.000	0.000	0.000
09:45:00	9.4	10.2	16.3	11.0	3.9	4.9	4.4	5.0	0.001	0.000	0.000	0.000
10:00:00	9.2	9.3	14.4	11.0	3.9	4.3	4.7	4.5	0.001	0.000	0.000	0.000
10:15:00	8.8	9.8	9.7	9.7	3.6	4.6	4.1	3.8	0.000	0.000	0.000	0.000
10:30:00	8.8	8.9	11.5	8.0	3.6	4.0	3.6	3.7	0.001	0.000	0.000	0.005
10:45:00	8.8	9.4	10.6	8.5	3.6	4.6	3.8	3.6	0.001	0.000	0.000	0.009
11:00:00	9.3	15.3	14.6	8.4	3.9	9.4	3.8	4.3	0.000	0.000	0.000	0.008
11:15:00	14.4	12.1	9.5	8.8	4.8	6.9	3.9	3.8	0.000	0.000	0.000	0.007
11:30:00	12.4	12.4	8.8	8.5	4.5	7.1	3.8	3.7	0.000	0.000	0.000	0.004
11:45:00	9.9	8.7	9.8	8.6	4.0	3.9	3.8	3.8	0.000	0.000	0.000	0.008



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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	9.1	8.9	12.1	8.0	3.8	3.9	3.6	3.8	0.000	0.000	0.000	0.008
12:15:00	9.0	8.3	11.0	8.2	3.7	3.7	3.7	3.7	0.000	0.000	0.000	0.009
12:30:00	8.7	8.6	12.0	7.9	3.6	4.0	3.6	3.8	0.000	0.000	0.000	0.011
12:45:00	9.7	8.1	12.0	7.5	3.8	3.6	3.4	3.7	0.000	0.000	0.000	0.013
13:00:00	8.4	8.6	10.3	8.8	3.4	3.9	3.7	3.7	0.000	0.000	0.000	0.005
13:15:00	9.1	8.5	14.4	8.4	3.7	3.8	3.8	4.0	0.000	0.000	0.000	0.003
13:30:00	15.1	8.9	14.6	8.5	4.3	4.3	3.7	4.0	0.000	0.000	0.000	0.000
13:45:00	8.3	8.6	13.6	8.3	3.6	4.1	3.6	3.9	0.000	0.000	0.000	0.000
14:00:00	9.7	9.4	11.5	8.7	3.8	5.0	3.8	3.7	0.000	0.000	0.000	0.000
14:15:00	8.2	8.3	8.7	8.0	3.6	3.8	3.7	3.6	0.000	0.000	0.000	0.000
14:30:00	7.3	6.1	8.4	8.0	3.0	3.0	3.0	2.8	0.000	0.000	0.000	0.000
14:45:00	5.4	5.6	10.6	7.8	2.5	3.2	3.0	3.1	0.000	0.000	0.000	0.000
15:00:00	4.5	5.6	10.6	4.9	2.4	3.6	2.7	3.0	0.000	0.000	0.000	0.000
15:15:00	4.0	6.5	8.2	5.5	2.1	4.1	2.7	2.5	0.000	0.000	0.000	0.000
15:30:00	5.5	7.8	15.4	6.9	2.7	4.2	3.1	3.5	0.000	0.000	0.000	0.002
15:45:00	7.3	7.9	9.8	7.7	3.4	4.2	3.6	3.5	0.000	0.001	0.000	0.001
16:00:00	7.8	7.5	10.2	7.6	3.6	4.0	3.7	3.7	0.006	0.001	0.000	0.001
16:15:00	6.3	6.1	7.0	6.5	3.2	3.2	3.4	3.3	0.012	0.001	0.000	0.000
16:30:00	5.2	4.7	10.7	6.5	2.6	2.7	2.9	2.9	0.001	0.001	0.000	0.000
16:45:00	5.6	5.7	9.4	5.4	2.9	3.2	2.9	3.1	0.001	0.001	0.000	0.000
17:00:00	6.0	5.8	13.4	5.8	3.2	3.2	3.2	3.7	0.001	0.000	0.000	0.001
17:15:00	7.4	8.0	9.3	5.4	3.1	5.1	2.9	3.1	0.001	0.001	0.000	0.001
17:30:00	6.1	8.3	6.7	5.6	3.1	4.8	2.9	2.9	0.005	0.000	0.000	0.000
17:45:00	6.5	9.2	25.1	6.4	3.2	5.7	3.2	4.4	0.010	0.000	0.000	0.001
18:00:00	6.7	10.9	14.4	6.3	3.3	7.3	3.3	3.7	0.017	0.001	0.002	0.000
18:15:00	31.0	8.6	13.1	6.8	6.2	5.5	3.6	3.9	0.023	0.001	0.006	0.000
18:30:00	21.6	7.1	9.1	7.0	5.3	3.9	3.6	3.7	0.026	0.001	0.007	0.000
18:45:00	21.3	7.8	9.6	7.3	5.1	4.5	3.7	3.8	0.026	0.001	0.007	0.000
19:00:00	29.6	8.8	15.1	7.8	6.3	4.9	3.9	4.3	0.023	0.001	0.007	0.000
19:15:00	8.7	8.6	12.3	8.4	4.1	4.5	4.2	4.3	0.021	0.001	0.006	0.000
19:30:00	8.8	8.9	31.2	8.5	4.3	4.3	4.3	5.7	0.018	0.000	0.005	0.000
19:45:00	8.3	8.5	13.2	7.9	4.0	4.2	3.9	4.0	0.014	0.000	0.003	0.000
20:00:00	7.9	7.7	29.7	7.2	3.7	3.9	3.7	5.1	0.013	0.000	0.001	0.000
20:15:00	7.4	8.8	15.3	7.6	3.6	5.0	3.9	4.3	0.010	0.000	0.002	0.000
20:30:00	21.3	9.0	34.5	8.0	5.2	5.1	3.9	5.6	0.007	0.000	0.001	0.000
20:45:00	12.5	10.3	42.0	8.1	4.4	6.1	4.0	6.4	0.005	0.000	0.000	0.000
21:00:00	8.8	10.7	29.4	7.9	4.1	6.3	4.0	5.4	0.001	0.000	0.000	0.000
21:15:00	8.8	10.1	22.0	7.9	4.1	5.6	3.9	4.8	0.000	0.000	0.000	0.000
21:30:00	10.2	8.2	15.5	7.7	4.3	4.1	3.8	4.2	0.000	0.000	0.000	0.000
21:45:00	8.5	8.2	34.9	7.8	4.1	4.1	3.8	5.6	0.000	0.000	0.000	0.000
22:00:00	8.5	9.2	58.4	8.4	3.9	4.8	4.0	7.5	0.000	0.000	0.000	0.000
22:15:00	8.8	9.3	44.2	8.6	4.1	4.7	4.2	6.6	0.000	0.000	0.000	0.000
22:30:00	9.2	8.8	71.9	9.0	4.2	4.1	4.3	8.4	0.000	0.000	0.000	0.000
22:45:00	9.2	9.2	89.7	9.3	4.2	4.2	4.4	9.5	0.000	0.000	0.000	0.000
23:00:00	9.7	9.1	77.5	8.9	4.3	4.3	4.4	8.9	0.000	0.000	0.000	0.000
23:15:00	9.3	9.0	43.0	9.4	4.2	4.3	4.4	6.6	0.000	0.000	0.000	0.000
23:30:00	10.0	8.9	25.0	9.6	4.3	4.1	4.3	5.0	0.000	0.000	0.000	0.000
23:45:00	10.0	9.0	55.7	9.7	4.3	4.1	4.4	7.1	0.000	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. 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)
05:00:00						42.6						
05:15:00						45.0						
05:30:00						53.3						
05:45:00						68.8						
06:00:00						70.9						
06:15:00						58.7						
06:30:00						67.3						
06:45:00						73.4						
07:00:00						89.4						
07:15:00						93.7						
07:30:00						56.3						