



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-07-05

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.134 to 5.973	2943 SSE	3061 SSW	2996 SSW	2997 N	Min : 72.86 Max : 102.6	Min : 52.70 Max : 88.00	Min : 26.82 Max : 30.09

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	14.5	47.0	7.8	29.0	0.002	0.028
2996	15.8	134.9	9.5	105.4	0.001	0.007
2997	14.6	28.5	6.5	12.6	0.003	0.029
3061	11.3	20.2	6.2	13.3	0.001	0.008



Figure 1 : Monitoring Locations

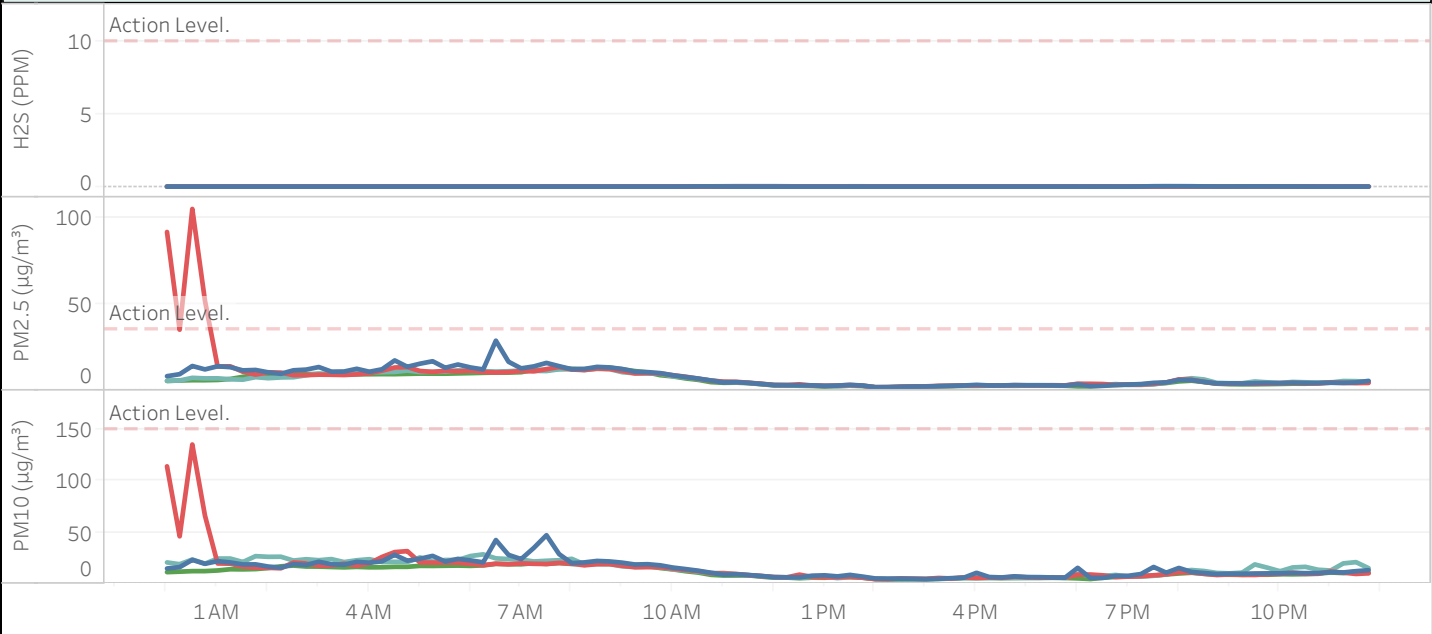


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2996 ■ 2997 ■ 3061



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Wind Rose Chart 2943

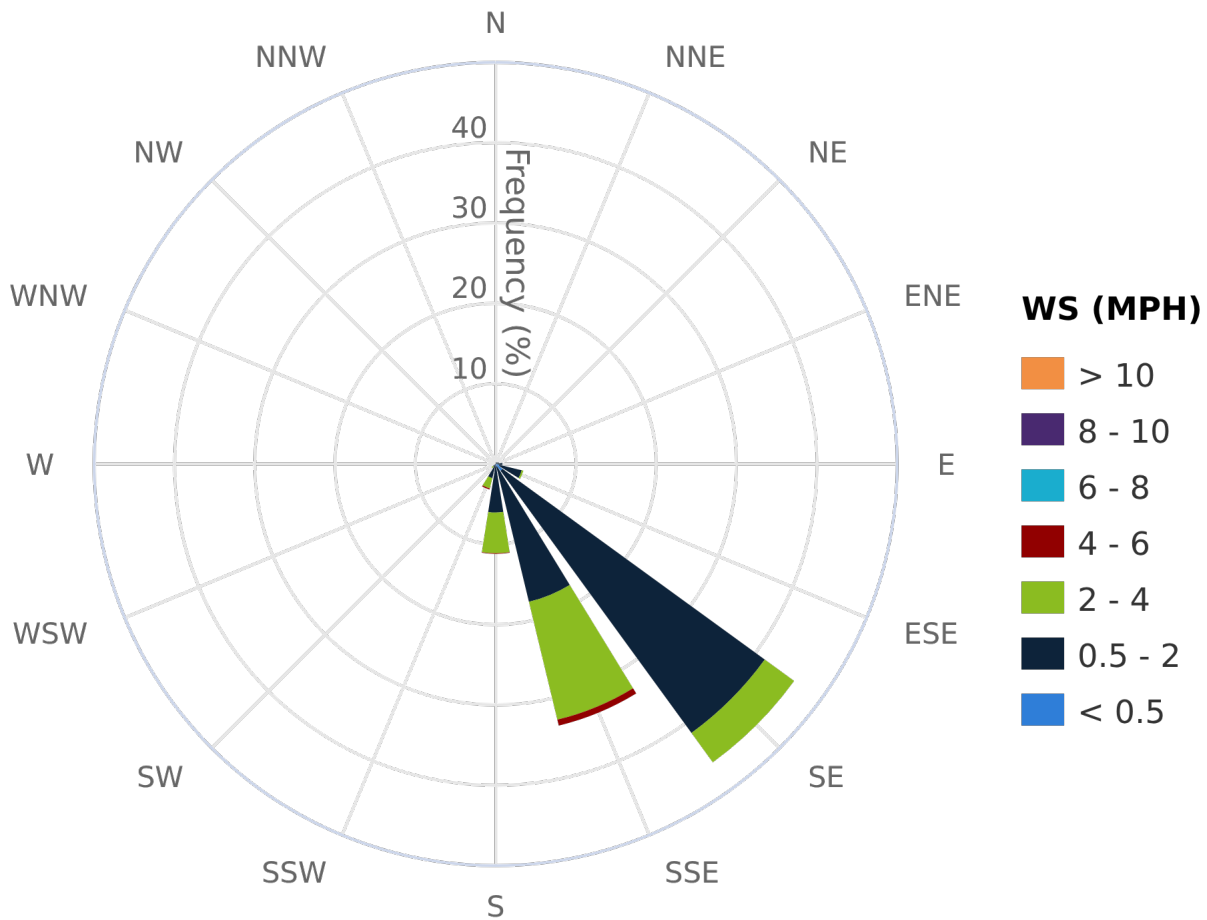


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

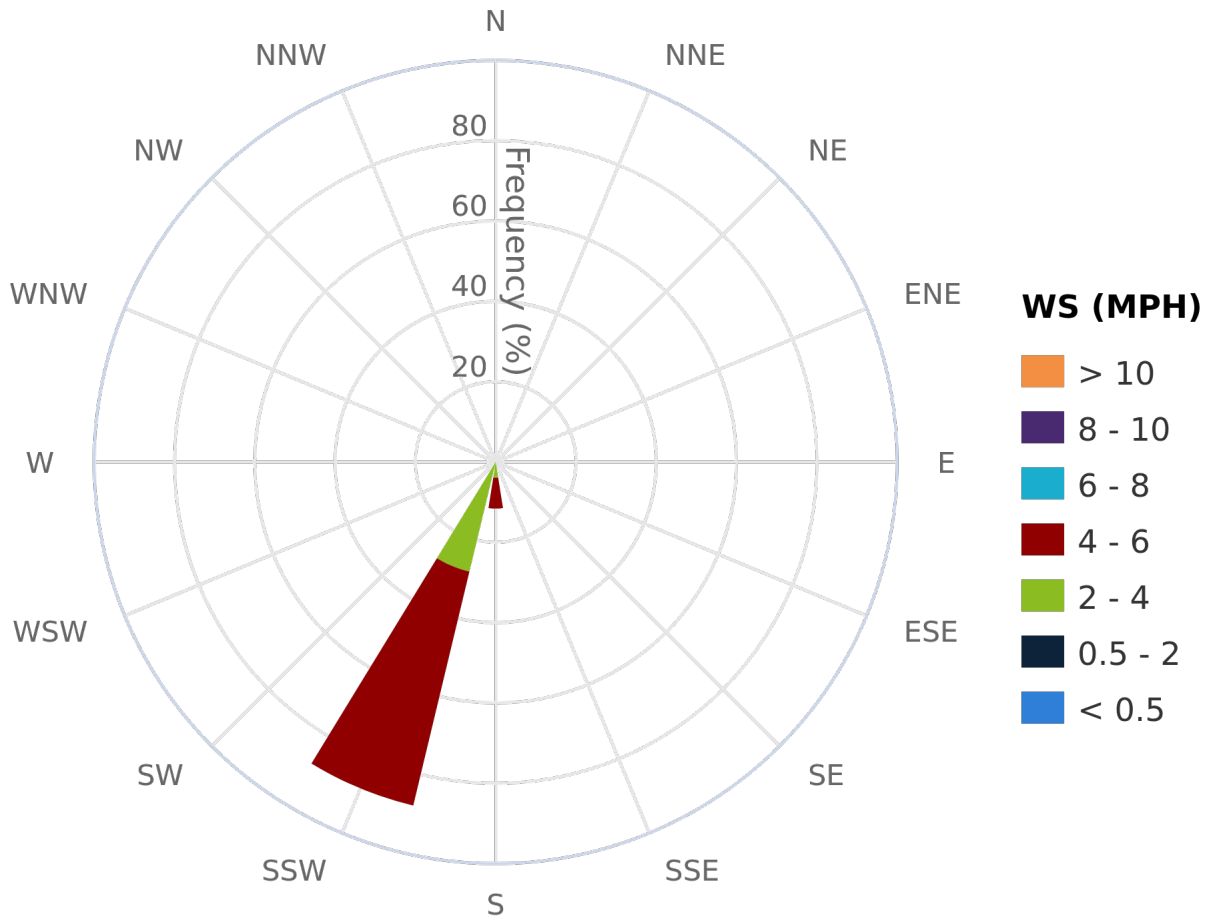


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

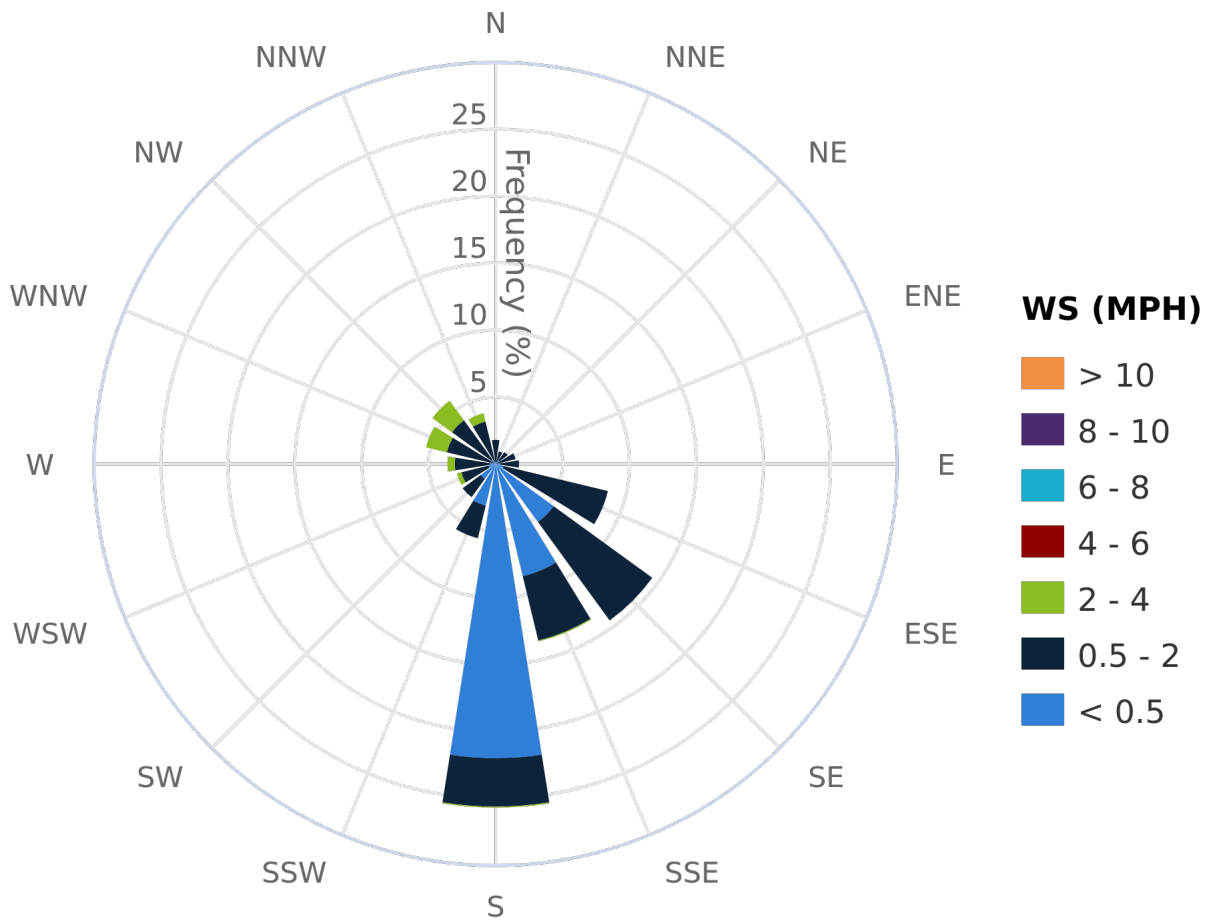


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

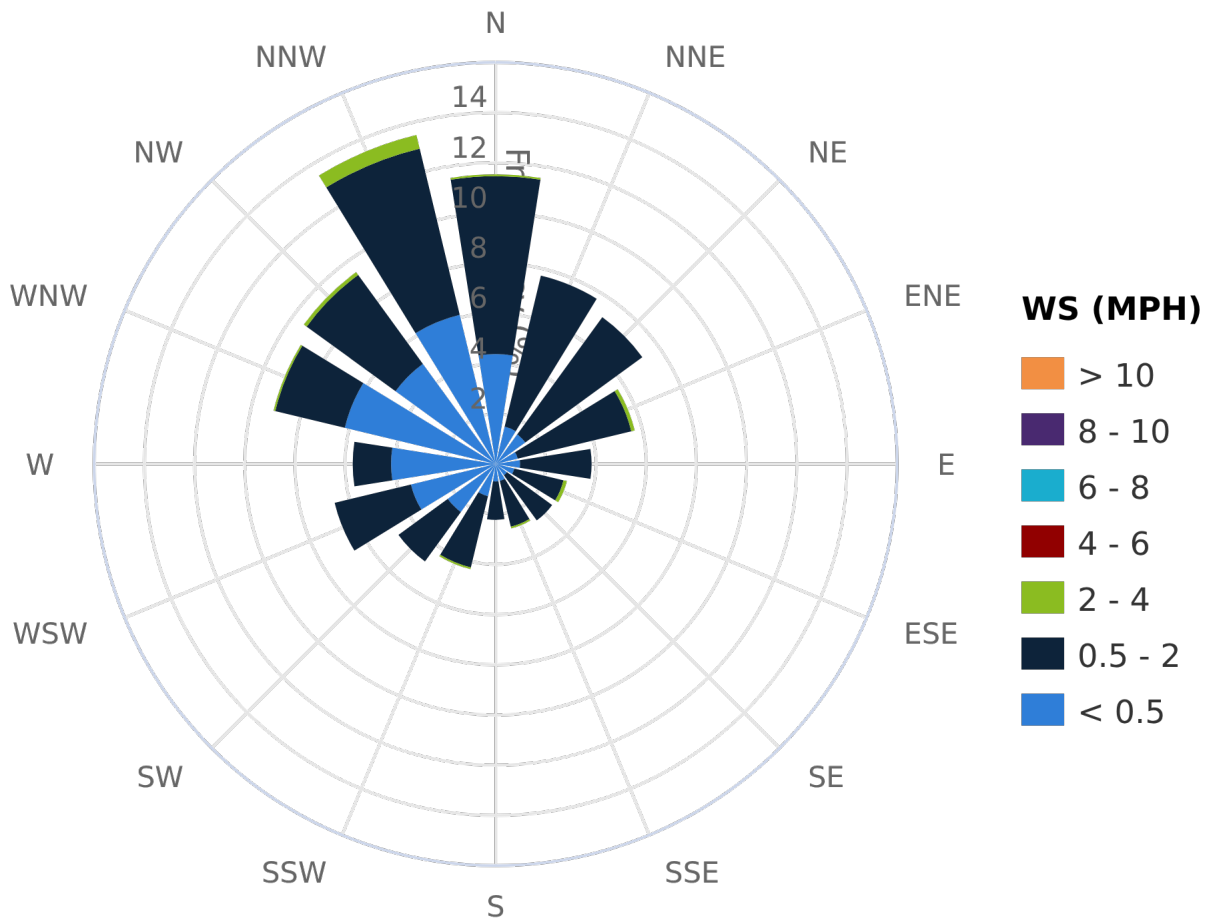


Figure 3 : Wind Rose Chart (WS in MPH)



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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	14.8	11.3	20.7	113.7	8.4	5.6	92.0	5.7	0.000	0.000	0.000	0.000
00:15:00	16.1	11.7	18.9	45.9	9.5	5.9	35.4	5.9	0.000	0.000	0.000	0.000
00:30:00	23.1	12.2	23.5	134.9	14.3	6.1	105.4	7.4	0.000	0.000	0.000	0.000
00:45:00	19.3	12.3	19.5	66.0	12.3	6.1	52.2	7.1	0.000	0.000	0.000	0.000
01:00:00	21.9	12.9	24.4	19.7	14.1	6.2	14.0	7.1	0.000	0.000	0.000	0.000
01:15:00	20.6	14.1	24.4	19.5	13.6	6.8	14.1	6.6	0.000	0.000	0.000	0.000
01:30:00	18.7	13.9	21.1	16.6	11.7	8.0	11.0	6.4	0.000	0.000	0.000	0.000
01:45:00	18.8	14.2	26.7	15.6	12.0	8.6	9.3	7.8	0.000	0.000	0.000	0.000
02:00:00	16.7	15.2	26.1	15.5	10.6	8.8	10.6	7.2	0.000	0.000	0.000	0.000
02:15:00	15.7	16.9	26.2	15.0	9.8	9.0	10.4	7.7	0.000	0.000	0.000	0.000
02:30:00	18.9	17.6	22.5	20.6	11.8	9.4	9.0	7.8	0.000	0.000	0.000	0.000
02:45:00	18.2	16.7	23.8	19.6	12.2	9.6	9.0	8.9	0.000	0.000	0.000	0.000
03:00:00	21.3	16.6	22.8	17.6	13.7	9.6	9.3	9.9	0.000	0.000	0.000	0.000
03:15:00	18.9	16.3	23.9	17.6	11.0	9.5	9.2	9.6	0.000	0.000	0.000	0.000
03:30:00	18.5	15.9	21.0	19.5	11.1	9.4	9.1	10.7	0.000	0.000	0.000	0.000
03:45:00	21.2	16.4	22.8	17.5	12.7	9.5	9.4	10.6	0.000	0.000	0.000	0.000
04:00:00	20.4	15.9	23.8	19.8	11.0	9.5	10.1	10.7	0.000	0.000	0.000	0.000
04:15:00	21.8	16.0	21.1	26.0	12.4	9.6	11.6	10.7	0.000	0.000	0.000	0.000
04:30:00	28.0	16.4	21.2	30.7	17.5	9.6	13.4	10.9	0.000	0.000	0.000	0.000
04:45:00	22.4	16.4	21.1	31.6	13.8	9.7	13.7	11.7	0.000	0.000	0.000	0.000
05:00:00	24.2	17.3	25.5	20.6	15.6	9.9	11.4	10.8	0.000	0.000	0.000	0.000
05:15:00	27.0	17.3	21.4	20.5	17.1	9.8	10.9	10.9	0.000	0.000	0.000	0.000
05:30:00	21.5	17.4	23.0	20.5	13.3	9.8	11.5	11.0	0.000	0.000	0.000	0.000
05:45:00	24.1	17.6	23.0	20.4	15.2	10.0	11.2	11.8	0.000	0.000	0.000	0.000
06:00:00	22.6	17.3	26.9	19.2	13.4	10.2	11.5	11.5	0.000	0.000	0.000	0.000
06:15:00	20.8	17.8	28.5	18.0	12.3	10.3	10.8	11.3	0.000	0.000	0.000	0.000
06:30:00	42.3	19.3	24.6	19.4	29.0	10.5	10.5	11.1	0.000	0.000	0.000	0.000
06:45:00	28.0	18.9	23.9	18.9	16.8	10.5	10.7	11.3	0.000	0.000	0.000	0.000
07:00:00	23.9	18.9	23.5	19.7	12.9	10.7	11.4	11.6	0.000	0.000	0.000	0.000
07:15:00	34.7	19.9	21.6	19.3	14.1	12.1	11.2	11.5	0.000	0.000	0.000	0.000
07:30:00	47.0	19.2	22.3	19.1	16.1	11.9	12.5	11.4	0.000	0.000	0.000	0.000
07:45:00	28.7	20.1	22.8	20.2	14.2	12.6	13.7	12.4	0.000	0.000	0.000	0.000
08:00:00	19.9	19.2	24.2	19.5	12.4	12.6	12.3	12.6	0.000	0.000	0.000	0.000
08:15:00	20.7	19.4	18.8	17.9	12.6	12.4	11.9	12.0	0.000	0.000	0.000	0.000
08:30:00	22.1	20.0	19.0	19.0	13.8	13.1	12.9	12.6	0.000	0.000	0.000	0.000
08:45:00	21.6	20.2	18.9	19.0	13.5	13.3	12.6	12.5	0.000	0.000	0.000	0.000
09:00:00	20.4	19.4	16.9	17.4	12.5	12.4	11.4	10.7	0.000	0.000	0.000	0.000
09:15:00	18.6	18.3	16.3	16.0	11.0	11.3	10.0	10.1	0.000	0.000	0.000	0.000
09:30:00	18.9	17.1	16.5	16.2	10.7	10.6	10.2	10.0	0.000	0.000	0.000	0.000
09:45:00	17.9	15.2	16.1	16.1	10.1	9.0	10.0	9.8	0.000	0.000	0.000	0.000
10:00:00	15.7	13.9	14.0	14.7	8.9	8.3	8.9	8.4	0.001	0.000	0.000	0.000
10:15:00	14.2	12.2	13.1	13.4	7.9	7.1	8.1	7.7	0.004	0.000	0.000	0.005
10:30:00	12.6	10.8	11.7	12.2	7.0	6.3	6.9	6.8	0.012	0.000	0.000	0.013
10:45:00	10.7	8.7	10.2	10.3	5.9	4.9	5.8	5.9	0.010	0.000	0.000	0.017
11:00:00	8.8	8.0	10.5	9.9	4.7	4.6	5.2	5.2	0.006	0.000	0.000	0.022
11:15:00	9.1	8.0	9.2	9.5	4.9	4.6	5.1	4.8	0.000	0.000	0.000	0.029
11:30:00	8.4	8.1	8.3	8.3	4.5	4.4	4.6	4.5	0.000	0.000	0.000	0.028
11:45:00	7.6	6.9	7.3	7.5	3.9	3.7	4.0	3.8	0.000	0.000	0.000	0.029



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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	6.4	5.9	6.1	6.6	3.2	3.1	3.3	3.2	0.000	0.000	0.000	0.028
12:15:00	6.2	6.0	6.1	6.2	3.2	3.1	3.2	3.1	0.000	0.000	0.000	0.021
12:30:00	6.2	5.4	6.2	8.8	3.1	2.9	3.7	3.0	0.000	0.000	0.000	0.011
12:45:00	7.8	5.9	6.4	6.6	3.1	2.7	3.0	3.0	0.000	0.000	0.000	0.001
13:00:00	8.2	5.8	6.8	6.3	2.8	2.3	2.8	2.7	0.000	0.000	0.000	0.001
13:15:00	7.1	6.6	5.5	6.2	2.9	2.7	2.9	2.5	0.000	0.000	0.000	0.005
13:30:00	8.6	6.5	6.4	6.8	3.3	2.9	3.3	3.0	0.000	0.000	0.000	0.019
13:45:00	6.9	5.9	6.2	5.8	3.0	2.7	2.9	2.8	0.000	0.000	0.000	0.019
14:00:00	5.1	4.6	4.6	4.5	2.0	1.9	2.0	1.9	0.000	0.000	0.000	0.014
14:15:00	5.0	4.3	4.5	4.4	2.0	1.8	2.0	2.0	0.000	0.000	0.000	0.011
14:30:00	5.0	4.2	4.4	5.2	2.2	1.9	2.3	2.1	0.000	0.000	0.000	0.008
14:45:00	4.8	4.4	4.4	4.9	2.3	2.2	2.4	2.2	0.000	0.000	0.000	0.005
15:00:00	4.5	4.4	4.3	4.8	2.4	2.4	2.5	2.3	0.000	0.000	0.000	0.006
15:15:00	4.8	4.7	5.2	5.6	2.6	2.5	2.8	2.6	0.000	0.000	0.000	0.003
15:30:00	5.4	5.1	4.9	5.1	2.8	2.7	2.8	2.7	0.000	0.000	0.000	0.001
15:45:00	5.9	5.6	5.7	6.1	3.0	2.8	3.0	2.9	0.000	0.000	0.000	0.000
16:00:00	10.6	5.6	5.4	5.7	3.4	2.8	3.0	2.9	0.000	0.000	0.000	0.000
16:15:00	6.5	5.7	5.7	6.1	3.0	2.9	3.1	2.9	0.000	0.000	0.000	0.000
16:30:00	6.1	5.5	5.7	5.8	3.0	2.9	3.0	3.0	0.000	0.000	0.000	0.000
16:45:00	7.2	5.6	5.8	6.8	3.2	2.8	3.2	3.0	0.000	0.000	0.000	0.001
17:00:00	6.5	5.7	5.8	6.3	3.1	2.9	3.1	2.9	0.000	0.000	0.000	0.000
17:15:00	6.4	5.7	5.8	5.9	3.1	2.9	3.1	3.0	0.000	0.000	0.000	0.000
17:30:00	6.1	5.8	6.3	6.0	3.0	2.9	3.1	3.0	0.000	0.000	0.000	0.000
17:45:00	5.9	5.6	5.7	6.0	2.9	2.8	3.0	2.9	0.000	0.000	0.000	0.000
18:00:00	15.4	5.2	9.9	8.8	3.6	2.5	4.0	3.9	0.000	0.000	0.000	0.001
18:15:00	5.7	4.6	7.6	8.9	2.7	2.5	4.0	3.5	0.000	0.000	0.002	0.000
18:30:00	5.8	5.8	7.6	8.2	2.8	2.9	3.8	3.3	0.000	0.000	0.007	0.000
18:45:00	7.7	6.6	8.5	6.5	3.3	3.3	3.3	3.8	0.000	0.002	0.005	0.000
19:00:00	7.7	7.0	6.9	6.9	3.5	3.4	3.5	3.4	0.000	0.005	0.000	0.000
19:15:00	9.4	7.5	7.1	7.3	3.8	3.6	3.6	3.3	0.008	0.006	0.003	0.000
19:30:00	16.3	7.9	7.7	8.2	4.5	3.8	4.0	3.7	0.025	0.008	0.006	0.000
19:45:00	10.7	9.0	9.0	9.1	4.8	4.4	4.8	4.6	0.028	0.008	0.007	0.000
20:00:00	15.3	10.0	12.2	11.1	6.2	5.4	6.5	6.3	0.027	0.007	0.007	0.000
20:15:00	11.4	10.7	13.3	11.0	6.1	5.8	6.3	7.2	0.023	0.006	0.005	0.000
20:30:00	10.4	9.7	12.3	9.5	5.1	5.0	5.1	6.5	0.013	0.005	0.005	0.000
20:45:00	9.4	8.8	10.5	8.5	4.2	4.1	4.1	4.5	0.007	0.004	0.000	0.000
21:00:00	9.8	8.8	10.1	9.0	4.2	3.7	4.0	4.3	0.007	0.003	0.000	0.002
21:15:00	9.7	8.6	10.8	8.7	4.1	3.7	4.1	4.3	0.009	0.003	0.000	0.001
21:30:00	9.9	8.9	18.7	8.5	4.3	3.7	4.0	5.3	0.010	0.003	0.000	0.001
21:45:00	10.1	8.8	15.6	9.3	4.5	3.8	4.1	4.8	0.010	0.002	0.003	0.000
22:00:00	10.1	9.3	12.1	9.5	4.3	3.9	4.3	4.5	0.008	0.002	0.002	0.000
22:15:00	10.6	9.2	15.8	10.7	4.6	4.0	4.4	5.0	0.006	0.002	0.002	0.000
22:30:00	10.3	9.3	16.4	9.7	4.4	4.0	4.3	4.8	0.003	0.001	0.001	0.000
22:45:00	10.3	9.9	13.6	9.7	4.4	4.4	4.2	4.6	0.000	0.001	0.002	0.000
23:00:00	11.2	10.9	12.8	11.9	4.6	4.8	4.7	4.7	0.000	0.000	0.001	0.000
23:15:00	11.0	10.4	19.7	10.8	4.5	4.9	4.5	5.6	0.000	0.000	0.000	0.000
23:30:00	12.2	11.7	21.0	9.5	4.8	5.2	4.4	5.5	0.000	0.000	0.000	0.000
23:45:00	13.1	10.6	15.1	10.1	5.7	5.1	4.5	5.1	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 ($\mu\text{g}/\text{m}^3$)	Avg. 3061 - PM10 ($\mu\text{g}/\text{m}^3$)	Avg. 2996 - PM10 ($\mu\text{g}/\text{m}^3$)	Avg. 2997 - PM10 ($\mu\text{g}/\text{m}^3$)	Avg. 2943 - PM2.5 ($\mu\text{g}/\text{m}^3$)	Avg. 3061 - PM2.5 ($\mu\text{g}/\text{m}^3$)	Avg. 2996 - PM2.5 ($\mu\text{g}/\text{m}^3$)	Avg. 2997 - PM2.5 ($\mu\text{g}/\text{m}^3$)	Avg. 2943 - H2S (PPM)	Avg. 3061 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
00:00:00							92.0					
00:15:00							35.4					
00:30:00							105.4					
00:45:00							52.2					