



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-04-24

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.179 to 5.861	2943 SE	3061 SW	2996 S	2997 NE	Min : 54.50 Max : 95.72	Min : 33.20 Max : 83.40	Min : 29.66 Max : 30.08

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	22.3	306.1	5.8	40.4	0.030	0.141
2996	12.5	103.4	4.7	22.9	0.028	0.108
2997	10.7	36.1	4.3	10.0	0.010	0.070
3061	9.3	19.5	4.0	5.9	0.003	0.018



Figure 1 : Monitoring Locations

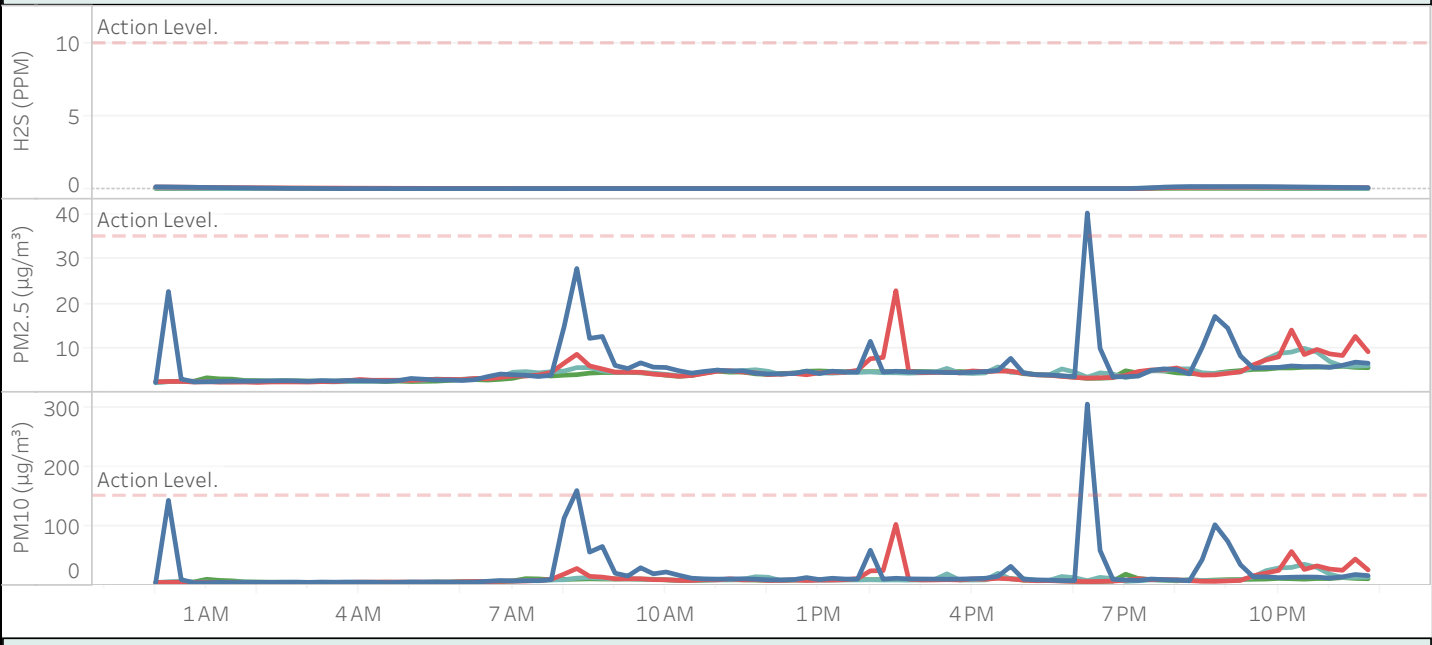


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2996 ■ 2997 ■ 3061



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Wind Rose Chart 2943

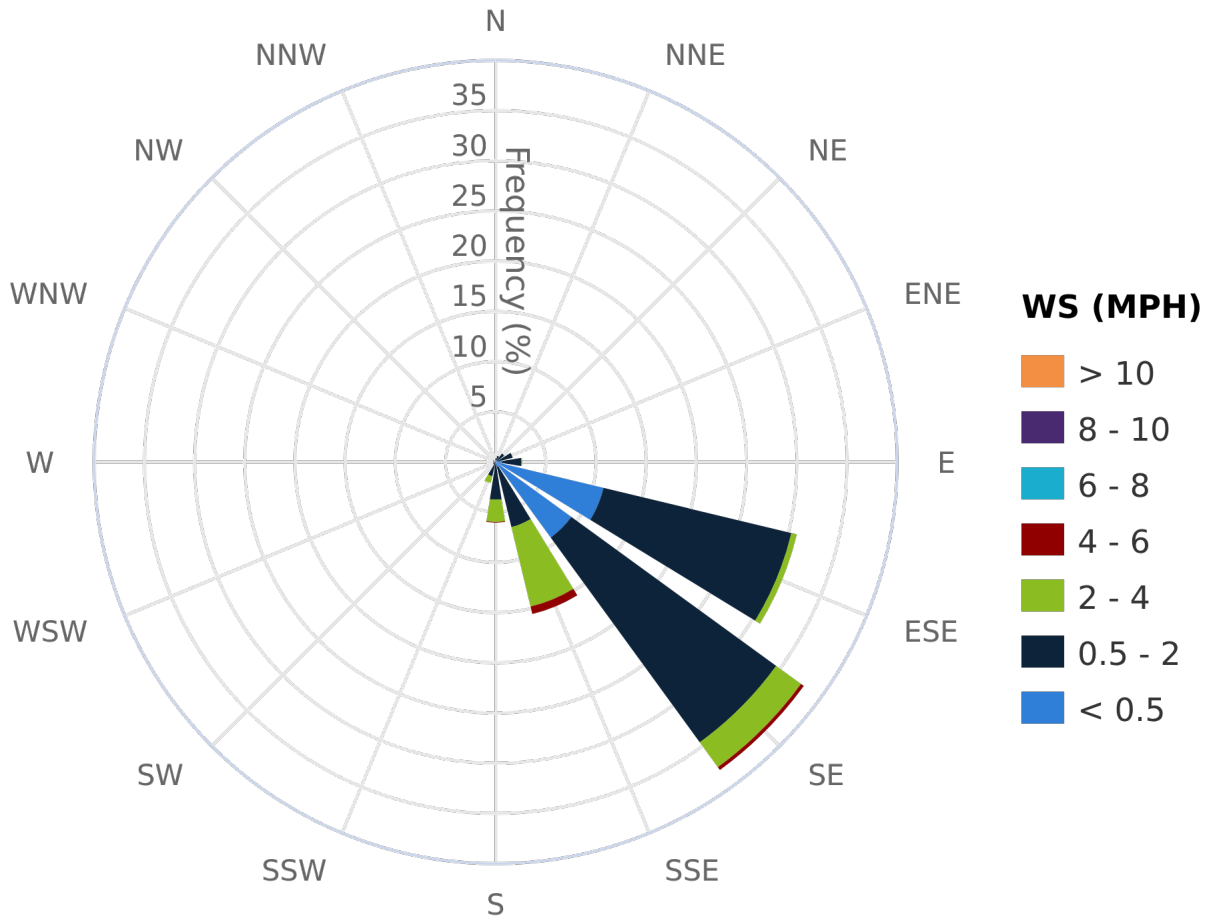


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

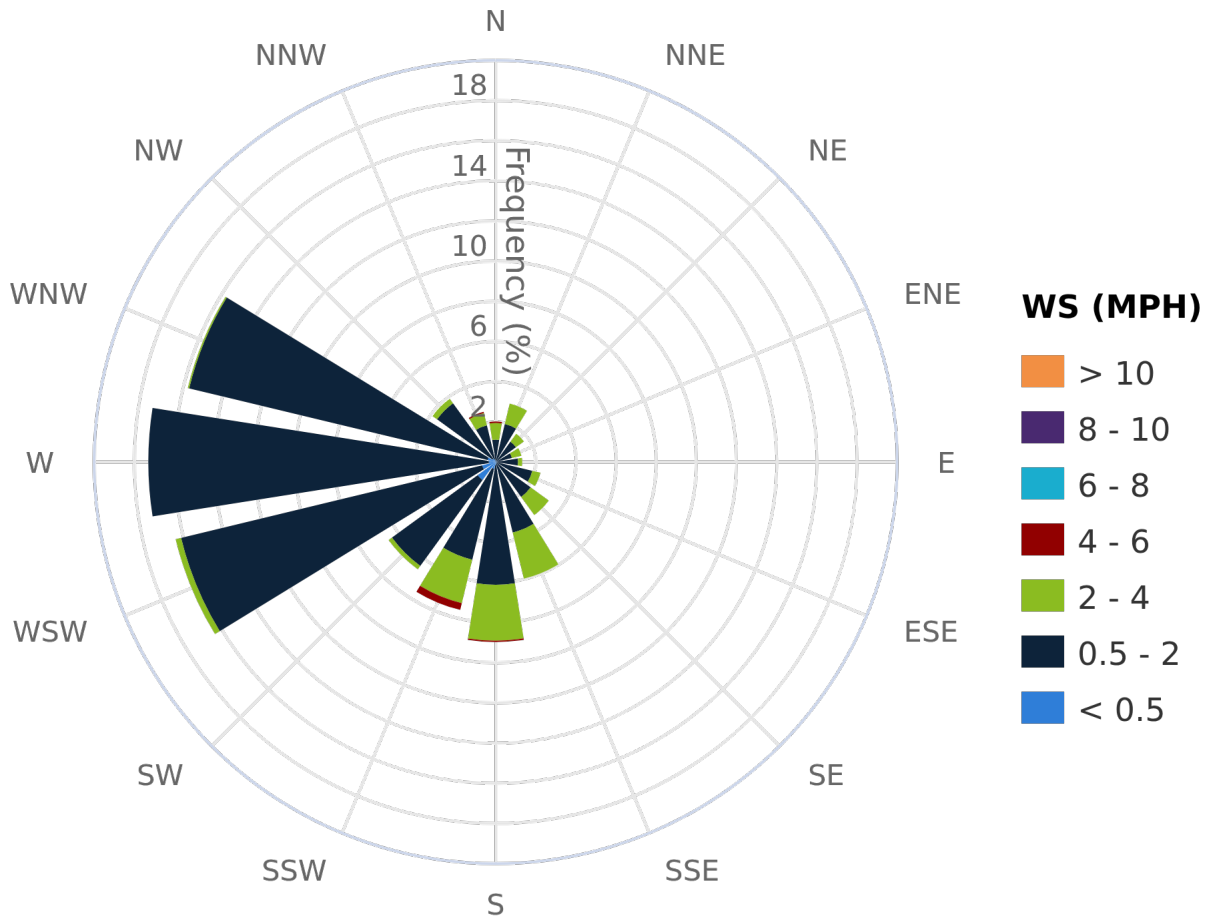


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

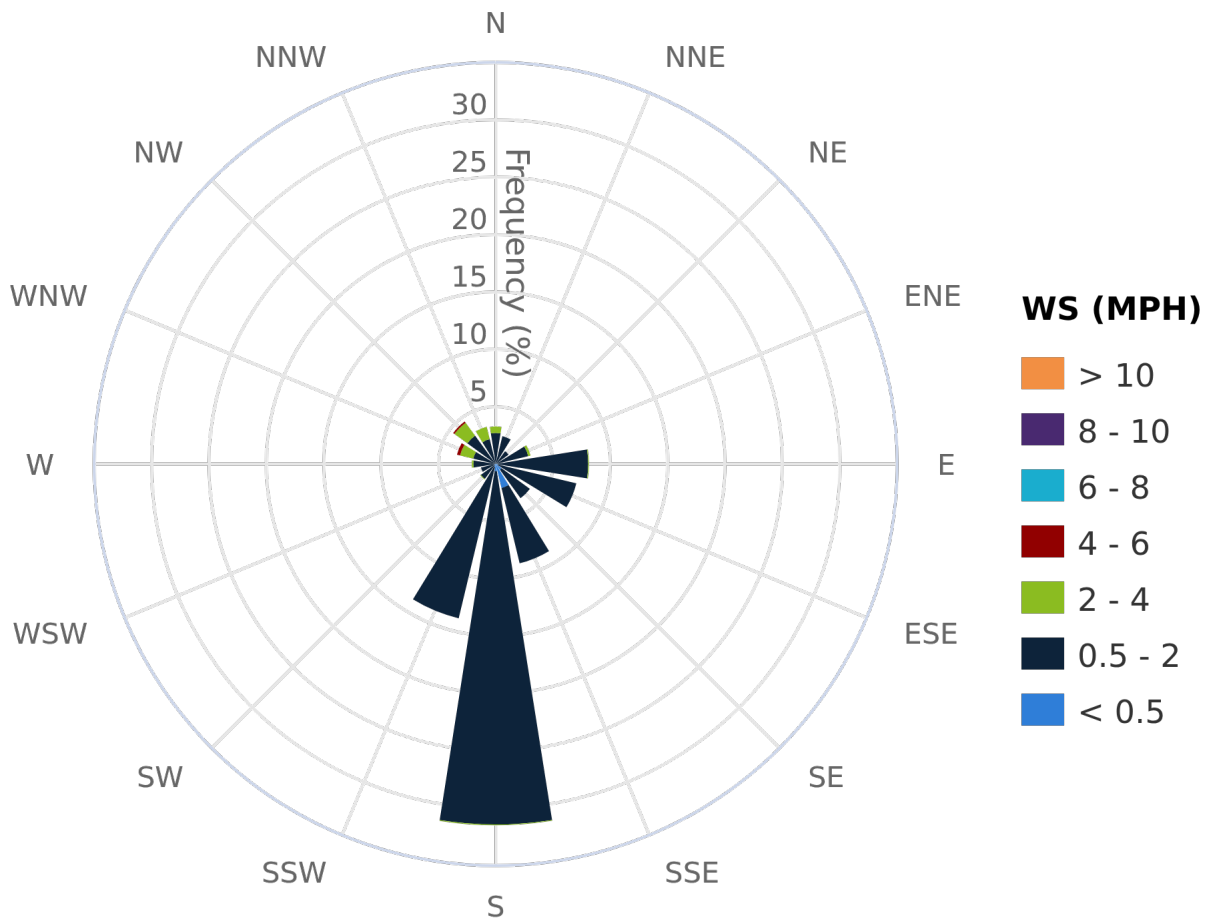


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

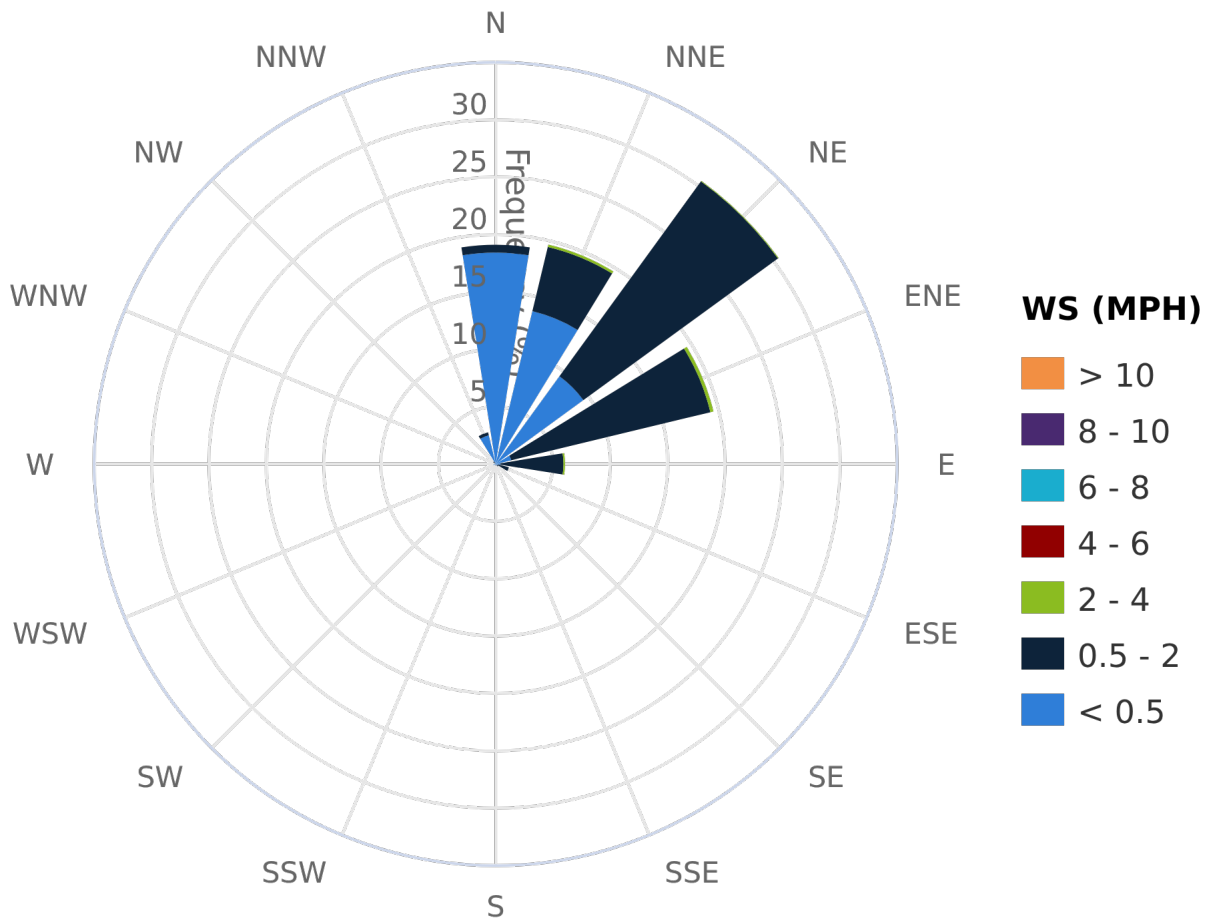


Figure 3 : Wind Rose Chart (WS in MPH)



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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	5.2	5.2	5.4	5.6	2.3	2.4	2.4	2.2	0.121	0.007	0.108	0.033
00:15:00	143.9	5.7	6.9	5.7	22.8	2.5	2.5	2.5	0.113	0.006	0.103	0.026
00:30:00	10.4	6.2	7.4	6.0	3.0	2.5	2.5	2.6	0.101	0.005	0.098	0.021
00:45:00	5.0	6.5	5.9	5.6	2.4	2.6	2.4	2.4	0.090	0.004	0.090	0.015
01:00:00	5.1	10.9	6.3	5.8	2.4	3.3	2.4	2.5	0.078	0.002	0.079	0.009
01:15:00	5.6	9.0	5.6	5.7	2.5	3.1	2.4	2.4	0.067	0.002	0.076	0.006
01:30:00	5.4	8.3	6.1	5.6	2.6	3.0	2.4	2.5	0.058	0.001	0.070	0.001
01:45:00	5.6	6.6	6.5	5.3	2.6	2.7	2.4	2.6	0.049	0.001	0.065	0.000
02:00:00	5.7	6.3	5.8	5.3	2.6	2.7	2.3	2.5	0.038	0.000	0.059	0.000
02:15:00	5.9	6.0	5.7	5.2	2.7	2.6	2.4	2.6	0.033	0.000	0.054	0.000
02:30:00	6.0	5.8	6.1	5.3	2.7	2.7	2.4	2.6	0.023	0.000	0.049	0.000
02:45:00	6.2	5.7	5.9	5.5	2.6	2.7	2.4	2.6	0.014	0.000	0.045	0.000
03:00:00	5.8	5.6	5.6	5.8	2.6	2.6	2.4	2.5	0.011	0.000	0.041	0.000
03:15:00	6.2	5.7	5.9	5.5	2.7	2.6	2.5	2.5	0.007	0.000	0.037	0.000
03:30:00	6.0	5.7	5.7	5.5	2.6	2.6	2.5	2.4	0.000	0.000	0.035	0.000
03:45:00	6.3	5.6	5.8	5.7	2.7	2.6	2.7	2.5	0.000	0.000	0.030	0.000
04:00:00	6.2	5.7	5.6	6.1	2.7	2.6	3.0	2.5	0.000	0.000	0.027	0.000
04:15:00	6.0	5.7	5.8	6.2	2.6	2.6	2.8	2.6	0.000	0.000	0.025	0.000
04:30:00	5.4	5.6	6.2	6.2	2.6	2.5	2.8	2.7	0.000	0.000	0.024	0.000
04:45:00	5.8	5.6	5.8	6.3	2.7	2.6	2.8	2.8	0.000	0.000	0.019	0.000
05:00:00	6.4	5.3	6.0	6.0	3.2	2.5	2.8	2.8	0.000	0.000	0.020	0.000
05:15:00	6.4	5.3	5.8	6.1	3.0	2.5	2.9	2.8	0.000	0.000	0.017	0.000
05:30:00	6.1	5.7	7.0	6.1	2.8	2.6	3.0	3.1	0.000	0.000	0.014	0.000
05:45:00	6.3	6.1	6.2	6.1	2.9	2.7	3.0	2.9	0.000	0.000	0.012	0.000
06:00:00	5.9	7.0	6.2	6.8	2.7	3.0	2.9	3.0	0.000	0.000	0.011	0.000
06:15:00	6.1	6.8	7.1	7.2	2.9	2.9	3.2	3.2	0.000	0.000	0.008	0.000
06:30:00	7.6	6.5	7.3	6.8	3.6	2.8	3.1	3.2	0.000	0.000	0.008	0.000
06:45:00	8.8	6.6	8.0	7.5	4.2	3.0	3.4	3.6	0.000	0.000	0.007	0.000
07:00:00	8.3	8.2	7.7	7.8	4.0	3.2	3.8	4.6	0.000	0.000	0.005	0.000
07:15:00	8.6	12.0	8.9	8.0	3.9	3.9	3.7	4.7	0.000	0.000	0.003	0.000
07:30:00	8.6	11.6	8.3	8.9	3.6	3.9	4.0	4.5	0.000	0.000	0.003	0.000
07:45:00	10.3	10.1	9.8	11.0	3.9	3.7	4.5	4.7	0.000	0.000	0.003	0.000
08:00:00	113.9	10.8	10.1	19.7	14.8	3.9	6.6	4.9	0.000	0.000	0.000	0.000
08:15:00	160.4	11.1	12.9	29.1	27.9	4.0	8.6	5.6	0.000	0.000	0.000	0.000
08:30:00	56.7	11.7	13.8	16.0	12.2	4.4	6.0	5.6	0.000	0.000	0.000	0.000
08:45:00	66.2	11.3	12.6	14.6	12.6	4.5	5.3	4.9	0.000	0.000	0.000	0.000
09:00:00	21.2	11.3	11.5	11.7	6.1	4.5	4.6	4.6	0.000	0.000	0.000	0.000
09:15:00	16.4	11.5	11.7	11.8	5.4	4.6	4.6	4.7	0.000	0.000	0.000	0.000
09:30:00	30.3	11.2	11.1	11.8	6.7	4.5	4.6	4.5	0.000	0.000	0.000	0.000
09:45:00	20.1	11.0	10.7	10.3	5.7	4.3	4.2	4.4	0.000	0.000	0.000	0.000
10:00:00	23.2	10.0	10.1	10.1	5.7	3.9	4.0	4.1	0.000	0.000	0.000	0.000
10:15:00	17.7	8.8	9.4	9.0	4.9	3.7	3.7	3.8	0.000	0.000	0.000	0.000
10:30:00	12.7	8.9	9.0	9.0	4.4	3.9	3.9	3.8	0.000	0.000	0.000	0.000
10:45:00	11.6	9.3	9.5	10.3	4.8	4.4	4.3	4.6	0.000	0.000	0.000	0.000
11:00:00	11.2	10.3	9.9	9.9	5.1	4.8	4.8	5.1	0.000	0.000	0.000	0.000
11:15:00	11.4	10.0	10.1	11.7	4.9	4.6	4.9	4.8	0.000	0.000	0.000	0.000
11:30:00	11.8	9.9	11.0	9.9	4.9	4.6	4.6	4.9	0.000	0.000	0.000	0.000
11:45:00	11.1	9.6	15.2	10.3	4.4	4.2	4.5	5.2	0.000	0.000	0.000	0.000



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	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	10.0	9.1	14.3	8.8	4.2	4.1	4.1	4.8	0.000	0.000	0.000	0.000
12:15:00	10.0	9.3	8.6	9.1	4.2	4.3	4.2	4.1	0.000	0.000	0.000	0.000
12:30:00	10.3	9.6	10.4	9.7	4.3	4.4	4.3	4.5	0.000	0.000	0.000	0.000
12:45:00	13.8	10.0	9.3	8.9	4.9	4.8	4.0	4.4	0.000	0.000	0.000	0.000
13:00:00	10.4	10.4	9.4	9.6	4.3	4.9	4.5	4.4	0.000	0.000	0.000	0.000
13:15:00	12.6	10.5	9.3	9.7	4.8	4.8	4.6	4.4	0.000	0.000	0.000	0.000
13:30:00	11.4	10.1	9.9	10.2	4.6	4.7	4.6	4.5	0.000	0.000	0.000	0.000
13:45:00	11.1	10.3	9.9	12.1	4.6	4.7	5.0	4.6	0.000	0.000	0.000	0.000
14:00:00	59.8	10.3	10.1	25.2	11.6	4.7	7.6	4.7	0.000	0.000	0.000	0.000
14:15:00	11.3	10.3	9.7	25.6	4.6	4.7	7.9	4.5	0.000	0.000	0.000	0.000
14:30:00	12.6	10.4	9.8	103.4	4.8	4.8	22.9	4.5	0.000	0.000	0.000	0.000
14:45:00	11.6	10.7	9.5	11.2	4.6	4.8	4.8	4.4	0.000	0.000	0.000	0.000
15:00:00	11.4	10.8	9.8	9.8	4.7	4.8	4.5	4.5	0.000	0.000	0.000	0.000
15:15:00	11.3	10.5	10.3	9.8	4.6	4.7	4.6	4.5	0.000	0.000	0.000	0.000
15:30:00	11.1	10.5	20.1	10.2	4.5	4.6	4.6	5.5	0.000	0.000	0.000	0.000
15:45:00	11.3	10.9	9.7	9.8	4.5	4.8	4.4	4.4	0.000	0.000	0.000	0.000
16:00:00	11.9	10.2	9.6	11.6	4.6	4.6	4.9	4.3	0.000	0.000	0.000	0.000
16:15:00	12.6	10.6	9.9	11.0	4.8	4.6	4.7	4.4	0.000	0.000	0.000	0.000
16:30:00	16.0	14.0	21.0	12.6	5.0	5.2	4.9	5.8	0.000	0.000	0.000	0.000
16:45:00	32.7	12.2	11.4	11.5	7.7	4.8	4.8	4.6	0.000	0.000	0.000	0.000
17:00:00	11.2	9.4	12.0	9.6	4.4	4.3	4.4	4.6	0.000	0.000	0.000	0.000
17:15:00	9.9	9.1	9.3	8.5	4.0	4.1	4.0	4.0	0.000	0.000	0.000	0.000
17:30:00	9.5	8.8	9.0	8.7	4.0	3.9	3.9	4.0	0.000	0.000	0.000	0.000
17:45:00	8.6	8.4	15.6	8.0	3.8	3.7	3.7	5.3	0.000	0.001	0.000	0.000
18:00:00	8.6	7.7	13.5	7.4	3.6	3.5	3.4	4.6	0.000	0.003	0.000	0.000
18:15:00	306.1	6.7	8.6	7.1	40.4	3.2	3.3	3.5	0.000	0.001	0.000	0.000
18:30:00	59.4	7.2	14.1	7.3	10.0	3.2	3.4	4.5	0.000	0.001	0.000	0.000
18:45:00	10.9	7.8	12.1	7.9	3.6	3.4	3.4	4.2	0.000	0.002	0.000	0.000
19:00:00	9.7	19.5	7.4	9.4	3.6	4.9	3.9	3.4	0.001	0.004	0.000	0.009
19:15:00	8.9	12.1	8.3	11.9	3.7	4.4	4.8	3.9	0.018	0.005	0.002	0.030
19:30:00	11.4	10.4	9.9	10.2	5.0	5.0	5.1	4.9	0.053	0.009	0.030	0.046
19:45:00	10.3	9.3	9.6	10.4	5.4	4.9	5.1	4.9	0.103	0.016	0.062	0.062
20:00:00	9.7	8.3	9.5	10.0	5.2	4.5	5.6	5.4	0.127	0.018	0.076	0.068
20:15:00	8.4	10.0	10.1	8.7	4.2	4.3	4.5	5.4	0.141	0.018	0.088	0.070
20:30:00	44.1	8.8	9.0	7.5	10.2	4.2	3.9	4.5	0.141	0.017	0.092	0.068
20:45:00	102.8	9.7	8.5	7.4	17.2	4.4	4.0	4.3	0.140	0.017	0.096	0.068
21:00:00	75.1	10.3	9.2	8.2	14.5	4.7	4.3	4.5	0.138	0.016	0.102	0.063
21:15:00	35.4	10.5	9.9	9.0	8.3	5.0	4.7	4.7	0.139	0.015	0.102	0.059
21:30:00	15.1	11.0	14.9	16.7	5.5	5.2	6.3	5.7	0.138	0.015	0.099	0.056
21:45:00	15.1	11.3	25.4	21.4	5.7	5.3	7.4	7.6	0.134	0.013	0.099	0.052
22:00:00	13.8	12.4	30.0	25.9	5.7	5.6	8.1	8.8	0.127	0.011	0.098	0.046
22:15:00	14.4	11.9	30.9	57.7	6.0	5.6	14.1	9.1	0.116	0.010	0.093	0.039
22:30:00	14.8	11.1	36.1	27.5	5.9	5.7	8.6	10.0	0.108	0.009	0.089	0.033
22:45:00	14.6	12.2	30.9	33.5	5.9	5.7	9.7	9.1	0.100	0.008	0.081	0.026
23:00:00	12.9	12.1	19.6	28.1	5.7	5.8	8.7	7.0	0.093	0.006	0.077	0.022
23:15:00	15.0	13.8	14.0	26.1	6.2	5.9	8.4	6.0	0.081	0.006	0.072	0.016
23:30:00	19.0	12.4	14.2	45.0	6.9	5.7	12.7	6.0	0.072	0.004	0.068	0.011
23:45:00	17.1	11.8	14.6	26.7	6.6	5.6	9.2	6.1	0.064	0.004	0.064	0.004



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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)
08:15:00	160.4											
18:15:00	306.1				40.4							