



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-06-23

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.134 to 6.219	2943 SSE	3061 SSW	2996 NW	2997 N	Min : 74.84 Max : 102.2	Min : 51.00 Max : 90.80	Min : 29.92 Max : 30.19

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	23.9	56.0	10.2	42.1	0.006	0.055
2996	21.0	36.1	8.9	15.5	0.003	0.036
2997	31.2	75.3	9.2	15.9	0.003	0.033
3061	21.5	37.5	7.9	12.5	0.001	0.008



Figure 1 : Monitoring Locations

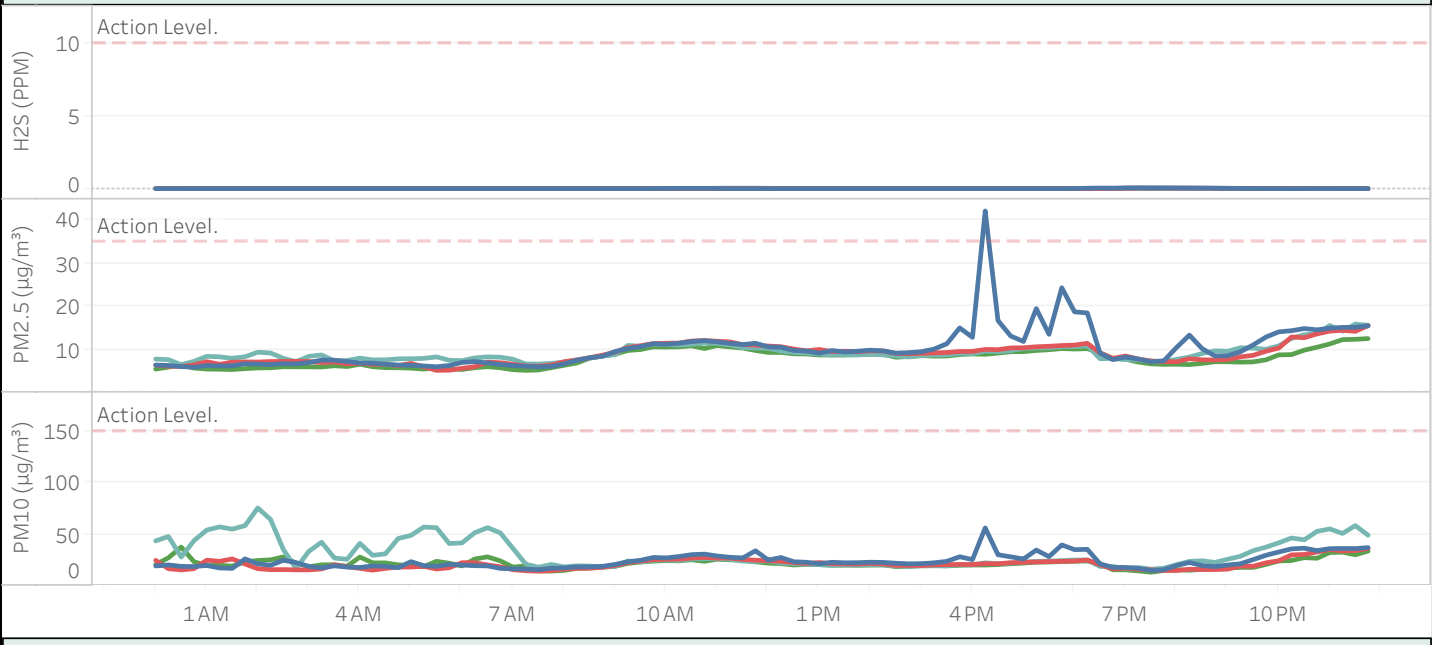


Figure 2 : 15 Minutes Average Concentrations ■ 2943 ■ 2996 ■ 2997 ■ 3061



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Wind Rose Chart 2943

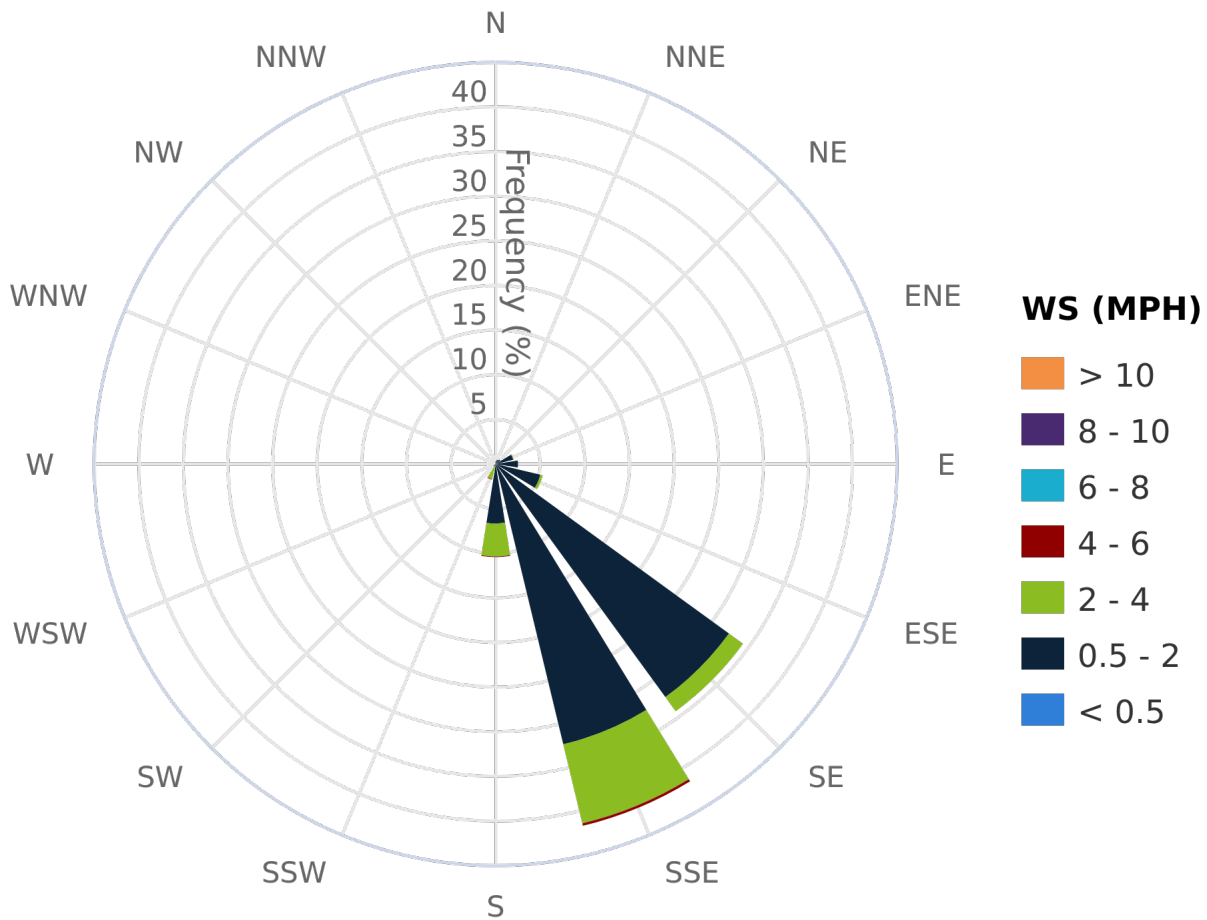


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

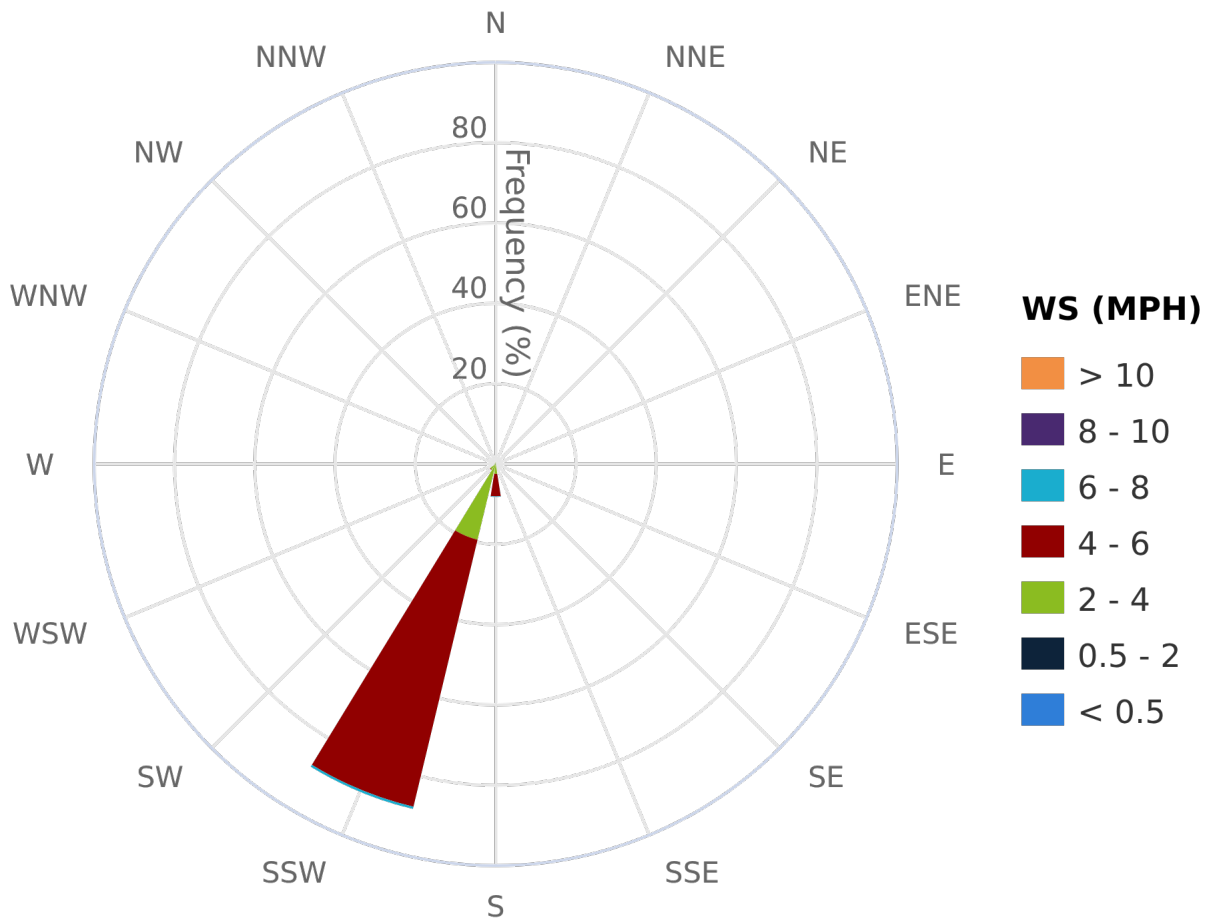


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

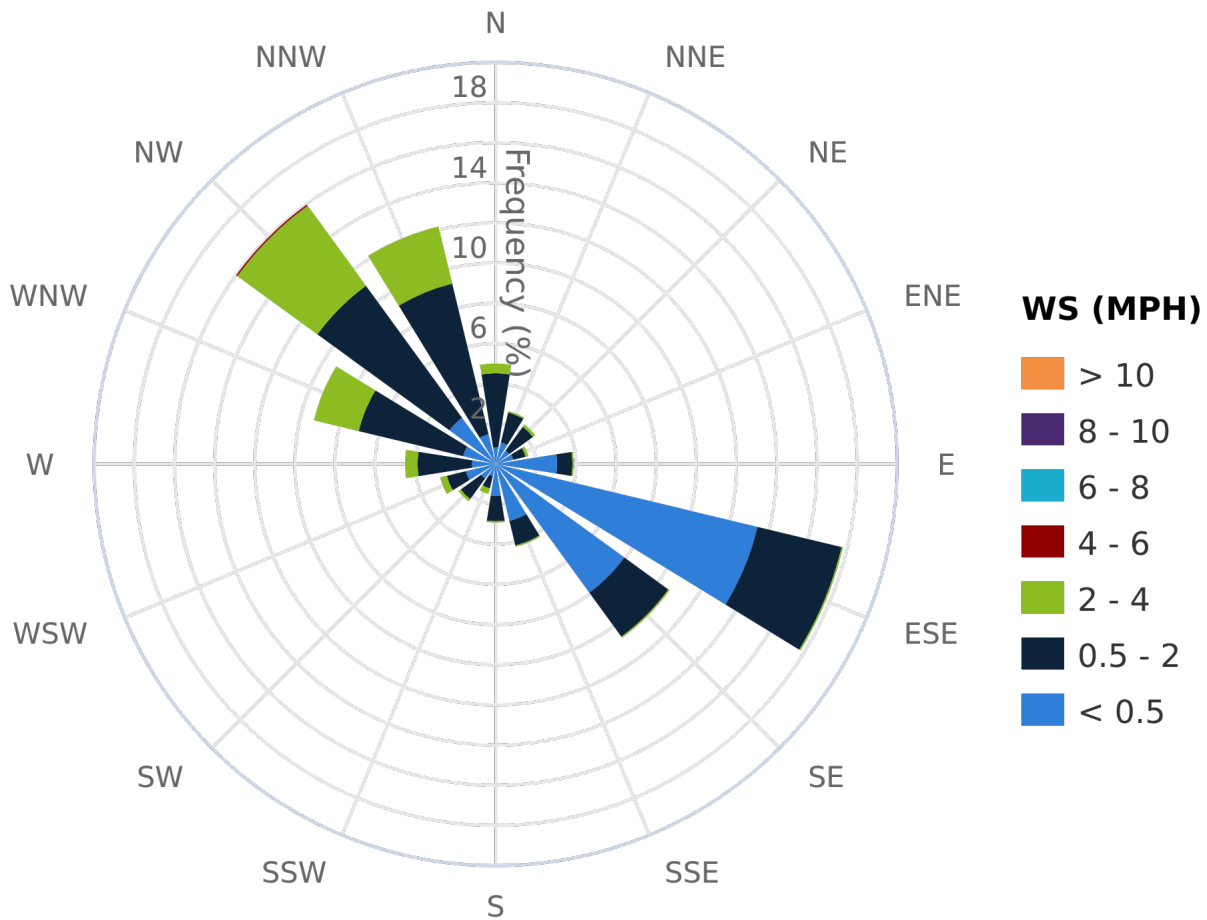


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

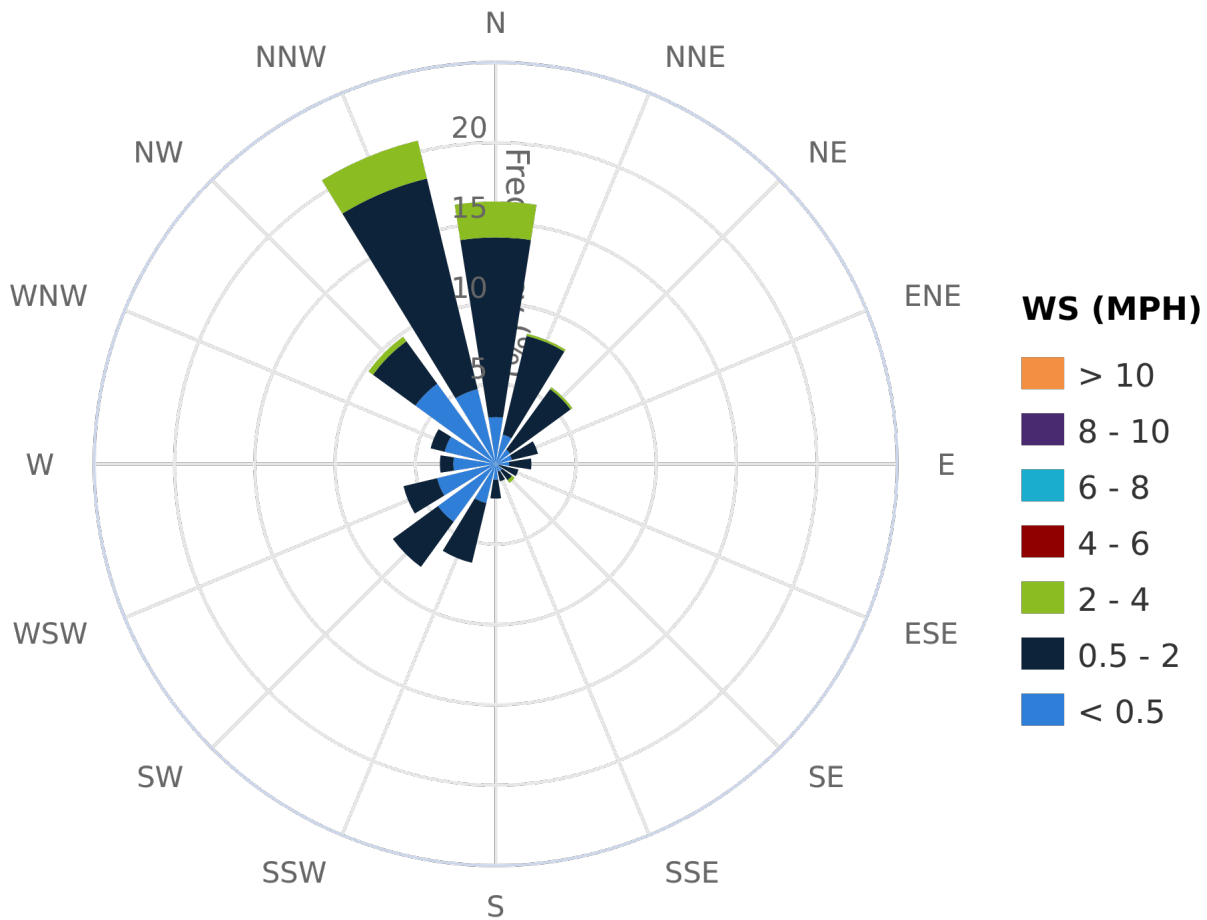


Figure 3 : Wind Rose Chart (WS in MPH)



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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	19.2	20.5	43.5	24.6	6.4	5.5	6.3	7.8	0.000	0.000	0.001	0.000
00:15:00	20.2	27.1	47.7	16.5	6.3	5.9	6.1	7.6	0.000	0.000	0.000	0.000
00:30:00	18.8	37.5	27.8	15.3	6.0	6.5	6.0	6.5	0.000	0.000	0.000	0.000
00:45:00	18.6	23.3	43.7	16.5	5.9	5.7	6.4	7.2	0.000	0.000	0.000	0.000
01:00:00	19.7	19.6	54.0	24.8	6.3	5.5	7.2	8.4	0.000	0.000	0.000	0.000
01:15:00	17.3	19.8	57.0	23.7	6.2	5.4	6.6	8.3	0.000	0.000	0.000	0.000
01:30:00	16.8	19.0	54.8	26.0	6.2	5.4	7.1	8.0	0.000	0.000	0.000	0.000
01:45:00	26.0	23.2	58.2	21.1	6.7	5.6	7.1	8.3	0.000	0.000	0.000	0.000
02:00:00	21.2	24.5	75.3	16.5	6.6	5.7	7.1	9.4	0.000	0.000	0.000	0.000
02:15:00	19.9	25.1	64.2	15.6	6.5	5.8	7.2	9.2	0.000	0.000	0.000	0.000
02:30:00	24.7	27.9	35.2	15.7	6.7	6.0	7.2	7.9	0.000	0.000	0.000	0.000
02:45:00	22.4	22.0	16.7	15.4	6.6	6.0	7.2	7.2	0.000	0.000	0.000	0.000
03:00:00	18.8	18.5	33.3	15.4	7.0	6.0	7.2	8.4	0.000	0.000	0.000	0.000
03:15:00	17.3	20.3	42.2	16.3	7.5	5.9	7.0	8.7	0.000	0.000	0.000	0.000
03:30:00	19.3	20.4	26.9	20.3	7.5	6.2	7.1	7.4	0.000	0.000	0.000	0.000
03:45:00	18.1	18.9	25.6	18.4	7.2	6.0	6.7	7.4	0.000	0.000	0.000	0.000
04:00:00	17.8	27.8	41.1	16.9	6.8	6.6	6.8	8.0	0.000	0.000	0.000	0.000
04:15:00	19.2	22.2	29.5	15.1	6.8	6.0	6.6	7.6	0.000	0.000	0.000	0.000
04:30:00	18.8	22.1	30.9	16.8	6.6	5.8	6.6	7.6	0.000	0.000	0.000	0.000
04:45:00	17.5	20.3	45.8	18.1	6.4	5.8	6.3	7.8	0.000	0.000	0.000	0.000
05:00:00	23.4	19.6	48.8	18.2	6.3	5.7	6.8	7.9	0.000	0.000	0.000	0.000
05:15:00	19.5	18.5	56.9	18.8	6.2	5.4	6.0	7.9	0.000	0.000	0.000	0.000
05:30:00	18.8	23.7	56.3	16.2	6.0	5.7	5.2	8.3	0.000	0.000	0.000	0.000
05:45:00	20.7	21.8	40.9	17.4	6.3	5.5	5.2	7.5	0.000	0.000	0.000	0.000
06:00:00	20.0	19.2	41.5	22.4	7.0	5.4	5.6	7.4	0.000	0.000	0.000	0.000
06:15:00	19.5	25.9	51.4	22.3	7.2	5.8	6.0	8.1	0.000	0.000	0.000	0.000
06:30:00	19.2	28.0	56.3	20.2	6.9	6.0	7.1	8.3	0.000	0.000	0.000	0.000
06:45:00	16.8	24.1	51.2	18.4	6.5	5.8	6.9	8.2	0.000	0.000	0.000	0.000
07:00:00	16.4	18.0	36.1	15.6	6.3	5.3	6.6	7.7	0.000	0.000	0.000	0.000
07:15:00	16.1	19.4	20.9	14.5	6.1	5.2	6.2	6.6	0.000	0.000	0.000	0.000
07:30:00	15.6	14.5	18.0	14.1	6.0	5.3	6.1	6.6	0.000	0.000	0.000	0.000
07:45:00	16.9	14.2	20.7	14.7	6.1	5.8	6.4	6.8	0.000	0.000	0.000	0.000
08:00:00	17.4	14.9	18.2	16.1	6.7	6.3	7.2	7.1	0.000	0.000	0.000	0.000
08:15:00	18.2	16.8	19.4	16.8	7.5	6.9	7.6	7.6	0.000	0.000	0.000	0.000
08:30:00	18.3	17.2	19.1	17.0	8.1	8.0	8.1	8.0	0.000	0.000	0.000	0.000
08:45:00	18.8	18.0	18.4	17.9	8.4	8.5	8.7	8.5	0.000	0.000	0.000	0.000
09:00:00	20.7	18.8	18.7	19.6	9.5	8.9	9.4	8.8	0.000	0.000	0.000	0.000
09:15:00	23.3	21.7	24.0	22.5	10.2	9.8	10.4	11.0	0.000	0.000	0.000	0.000
09:30:00	24.7	23.0	23.0	23.9	10.7	10.0	10.9	10.7	0.000	0.001	0.000	0.000
09:45:00	27.4	23.9	24.8	25.3	11.3	10.6	11.4	11.2	0.003	0.001	0.000	0.000
10:00:00	27.0	24.4	25.1	25.6	11.2	10.6	11.5	11.2	0.010	0.001	0.000	0.004
10:15:00	28.3	24.1	24.5	25.7	11.4	10.6	11.5	11.0	0.016	0.001	0.000	0.006
10:30:00	30.1	25.2	26.1	26.9	11.8	10.8	12.0	11.2	0.018	0.000	0.001	0.017
10:45:00	30.7	23.7	26.2	27.4	12.0	10.2	12.1	11.5	0.018	0.000	0.000	0.018
11:00:00	28.8	25.7	26.2	26.7	11.8	10.9	11.9	11.4	0.007	0.000	0.003	0.027
11:15:00	27.6	25.2	25.7	26.9	11.4	10.6	11.7	11.1	0.000	0.000	0.001	0.031
11:30:00	27.0	24.6	23.9	25.5	11.1	10.3	11.1	10.4	0.000	0.000	0.000	0.033
11:45:00	33.9	23.2	23.6	24.8	11.4	9.8	11.0	10.3	0.000	0.000	0.000	0.031



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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	24.9	21.9	24.1	24.3	10.6	9.3	10.8	10.3	0.000	0.000	0.000	0.022
12:15:00	27.4	21.4	22.0	23.7	10.5	9.3	10.6	9.6	0.000	0.000	0.000	0.016
12:30:00	23.3	20.1	21.4	22.4	9.8	9.0	10.1	9.3	0.000	0.000	0.000	0.014
12:45:00	22.8	20.7	21.0	21.6	9.6	8.9	9.7	9.1	0.000	0.000	0.000	0.001
13:00:00	21.3	20.4	20.4	22.5	9.2	8.7	10.0	8.9	0.000	0.000	0.000	0.000
13:15:00	22.8	20.0	19.7	21.3	9.8	8.7	9.5	8.7	0.000	0.000	0.000	0.000
13:30:00	22.2	20.0	20.1	21.1	9.4	8.7	9.6	8.8	0.000	0.000	0.000	0.000
13:45:00	22.4	19.9	19.9	21.0	9.6	8.8	9.5	8.7	0.000	0.000	0.000	0.000
14:00:00	22.8	20.0	20.4	21.6	9.8	8.9	9.7	8.9	0.000	0.000	0.000	0.000
14:15:00	22.6	20.2	20.0	21.1	9.7	8.9	9.6	8.7	0.000	0.000	0.000	0.000
14:30:00	21.9	18.6	19.2	19.8	9.2	8.2	9.1	8.5	0.000	0.000	0.000	0.000
14:45:00	21.2	18.8	18.7	19.7	9.3	8.4	9.0	8.3	0.000	0.000	0.000	0.000
15:00:00	21.5	19.3	19.5	19.6	9.5	8.6	9.1	8.6	0.000	0.000	0.000	0.000
15:15:00	22.2	19.4	19.6	20.2	10.1	8.4	9.2	8.7	0.000	0.000	0.000	0.000
15:30:00	23.7	19.3	19.3	20.4	11.3	8.5	9.3	8.7	0.000	0.000	0.000	0.000
15:45:00	28.1	19.8	20.5	20.7	15.0	8.8	9.5	9.1	0.000	0.000	0.000	0.000
16:00:00	25.3	20.1	20.3	20.6	12.8	9.0	9.6	9.1	0.000	0.000	0.000	0.000
16:15:00	56.0	20.1	22.3	21.4	42.1	8.9	10.0	9.6	0.000	0.000	0.000	0.000
16:30:00	30.0	20.5	21.3	21.3	16.7	9.2	10.0	9.5	0.000	0.000	0.000	0.000
16:45:00	28.0	21.3	22.0	22.3	13.1	9.5	10.4	9.7	0.000	0.000	0.000	0.000
17:00:00	25.9	22.0	23.0	22.8	11.8	9.5	10.4	10.2	0.000	0.000	0.000	0.000
17:15:00	34.6	22.9	23.6	23.1	19.5	9.8	10.6	10.4	0.000	0.000	0.000	0.000
17:30:00	28.2	23.0	23.9	23.4	13.5	9.9	10.7	10.4	0.000	0.000	0.000	0.000
17:45:00	39.6	23.4	24.4	23.6	24.3	10.2	10.9	10.6	0.000	0.001	0.000	0.000
18:00:00	35.0	23.8	25.0	23.9	18.7	10.1	11.0	10.7	0.005	0.003	0.000	0.001
18:15:00	35.3	24.0	25.0	24.9	18.5	10.2	11.4	10.9	0.026	0.007	0.000	0.004
18:30:00	21.2	21.2	18.7	20.2	9.1	9.2	9.2	7.8	0.037	0.007	0.000	0.007
18:45:00	17.8	15.5	18.6	16.4	7.6	7.9	8.0	8.0	0.032	0.003	0.007	0.008
19:00:00	17.8	15.4	16.8	17.1	8.2	7.7	8.5	7.7	0.054	0.008	0.025	0.005
19:15:00	16.9	14.4	17.7	16.0	7.8	7.1	7.8	7.6	0.055	0.007	0.034	0.003
19:30:00	14.8	13.1	16.1	15.3	7.1	6.7	7.3	7.3	0.051	0.008	0.036	0.000
19:45:00	15.5	14.8	17.0	14.8	7.4	6.5	7.2	7.2	0.050	0.007	0.033	0.000
20:00:00	19.6	15.5	20.5	14.8	10.5	6.6	7.1	7.7	0.047	0.007	0.032	0.000
20:15:00	22.5	15.1	23.7	16.0	13.3	6.5	7.9	8.3	0.042	0.006	0.032	0.000
20:30:00	19.5	15.8	24.2	15.7	10.2	6.8	7.6	9.1	0.038	0.006	0.030	0.000
20:45:00	18.6	17.3	22.6	15.7	8.5	7.2	7.6	9.7	0.029	0.006	0.025	0.000
21:00:00	20.1	17.2	25.7	16.1	8.5	7.2	7.7	9.6	0.019	0.005	0.023	0.000
21:15:00	21.3	17.8	28.6	19.1	9.5	7.1	8.3	10.4	0.010	0.004	0.019	0.000
21:30:00	25.4	17.8	34.0	18.9	11.1	7.1	8.6	10.3	0.006	0.003	0.011	0.000
21:45:00	29.6	20.7	37.4	22.2	12.9	7.6	9.6	10.0	0.001	0.001	0.009	0.000
22:00:00	32.7	24.0	41.6	24.2	14.1	8.7	10.3	10.8	0.000	0.001	0.005	0.000
22:15:00	35.7	24.5	46.3	29.9	14.3	8.8	12.9	12.6	0.000	0.000	0.005	0.000
22:30:00	36.4	27.2	44.5	30.3	14.8	9.8	12.7	13.4	0.000	0.000	0.002	0.000
22:45:00	34.1	26.7	52.7	32.7	14.5	10.5	13.6	13.6	0.000	0.001	0.000	0.000
23:00:00	36.0	32.2	55.1	35.1	14.9	11.3	14.2	15.6	0.000	0.002	0.000	0.000
23:15:00	36.1	32.5	50.6	33.7	15.1	12.3	14.4	14.2	0.000	0.000	0.000	0.000
23:30:00	36.0	30.0	58.3	34.1	15.1	12.4	14.2	15.9	0.000	0.000	0.000	0.000
23:45:00	36.9	33.6	49.0	36.1	15.5	12.5	15.5	15.6	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)
16:15:00					42.1							