



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-06-15

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.134 to 7.113	2943 SSE	3061 SSW	2996 W	2997 NNE	Min : 74.12 Max : 101.5	Min : 53.90 Max : 90.80	Min : 29.88 Max : 30.06

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	41.3	833.8	14.0	104.8	0.001	0.020
2996	27.8	39.2	12.2	14.6	0.000	0.000
2997	30.1	51.4	12.0	16.4	0.002	0.028
3061	24.9	31.3	10.9	13.2	0.000	0.004



Figure 1 : Monitoring Locations



Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2996 ■ 2997 ■ 3061



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Wind Rose Chart 2943

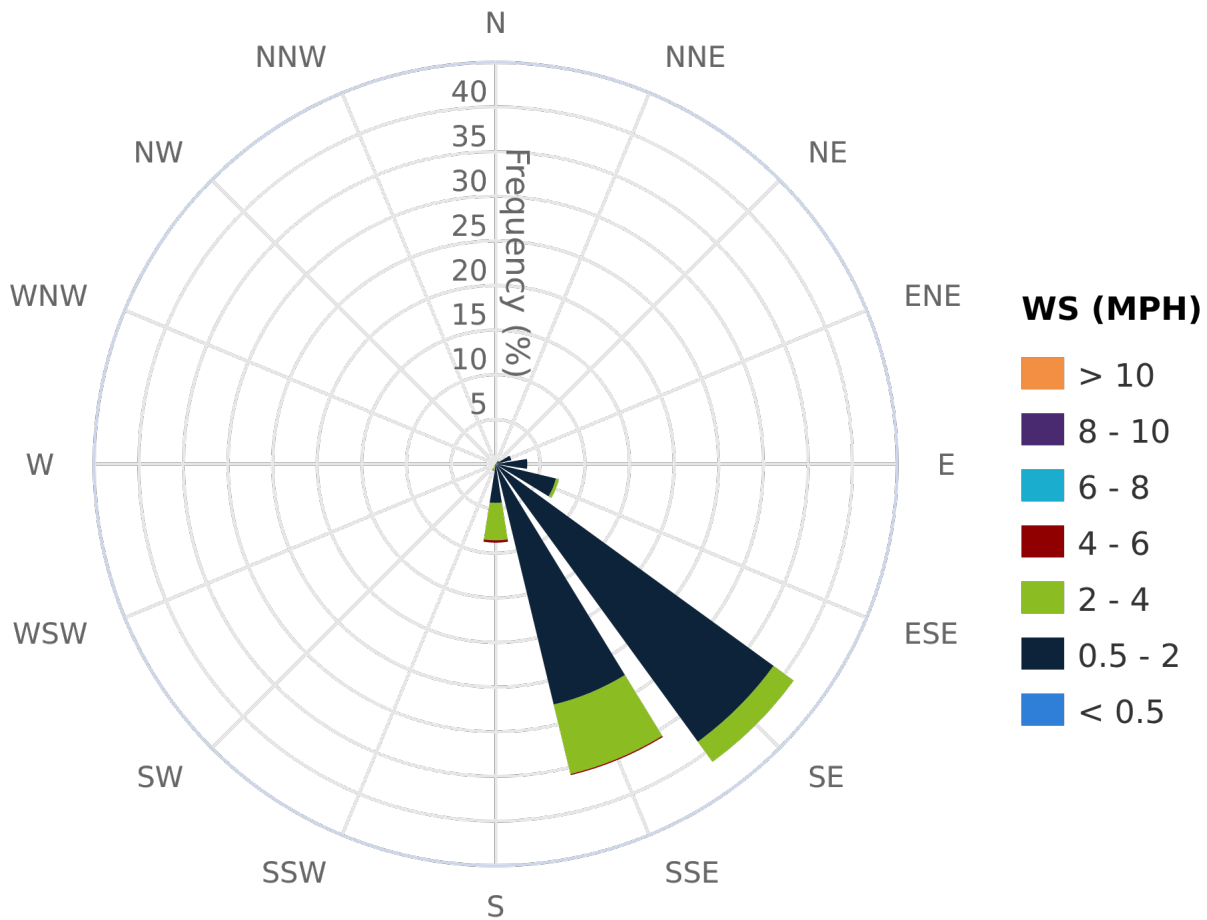


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

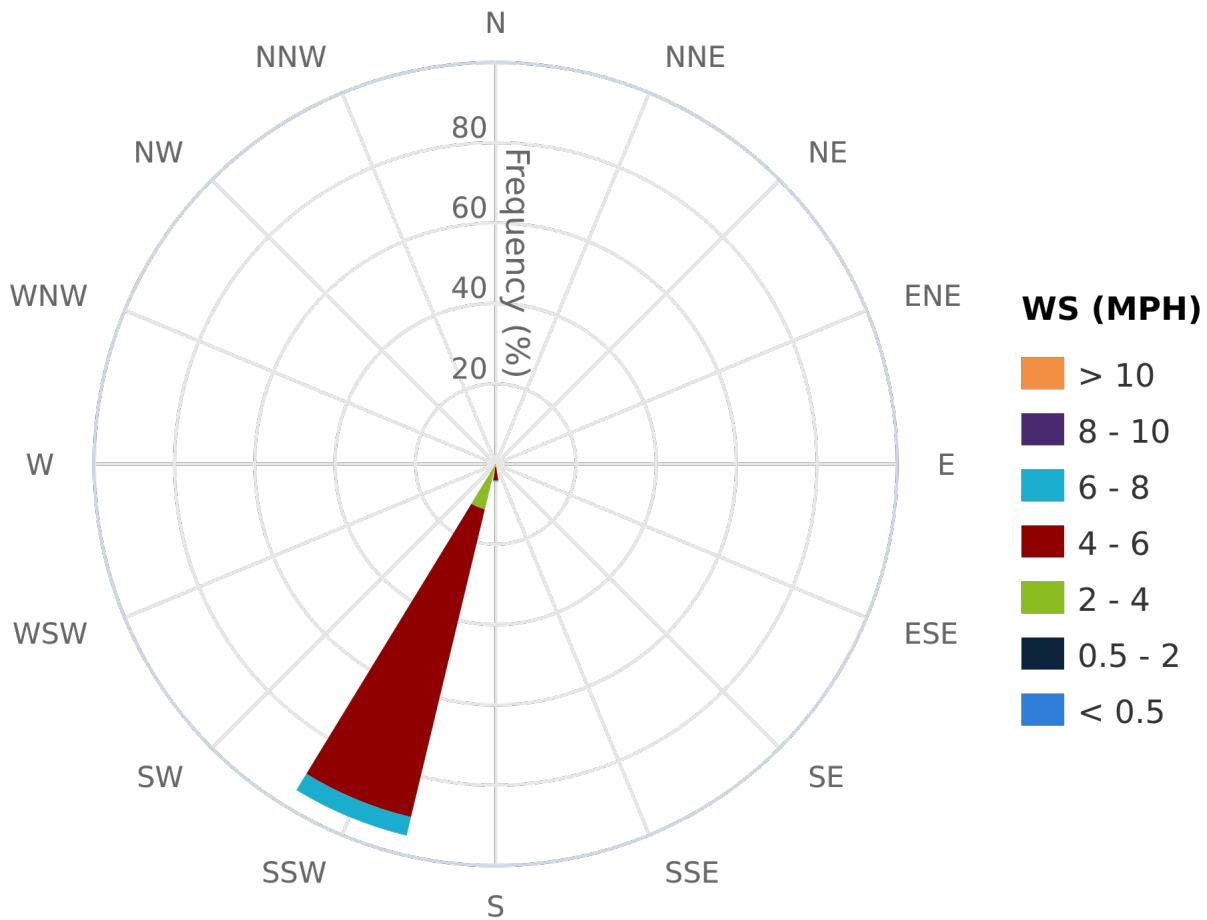


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

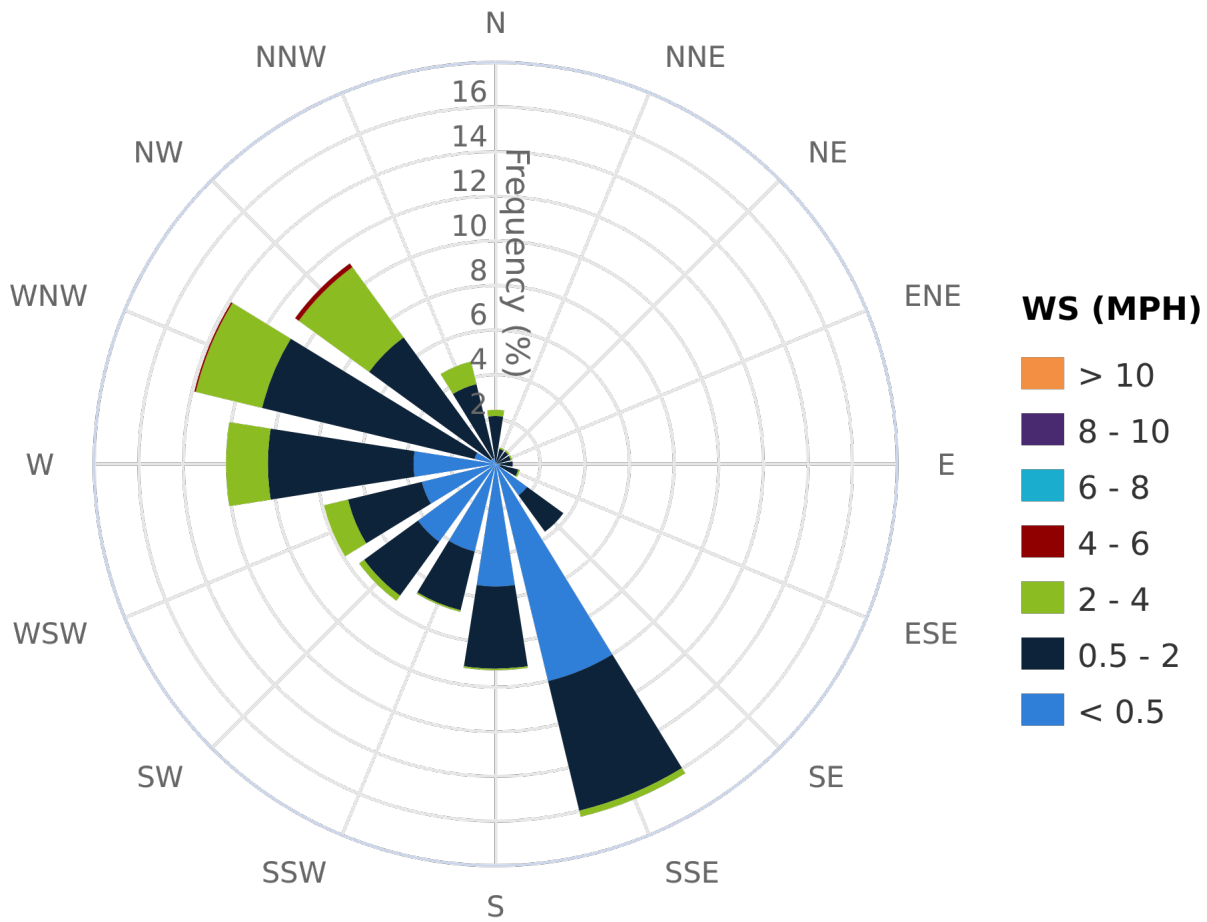


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

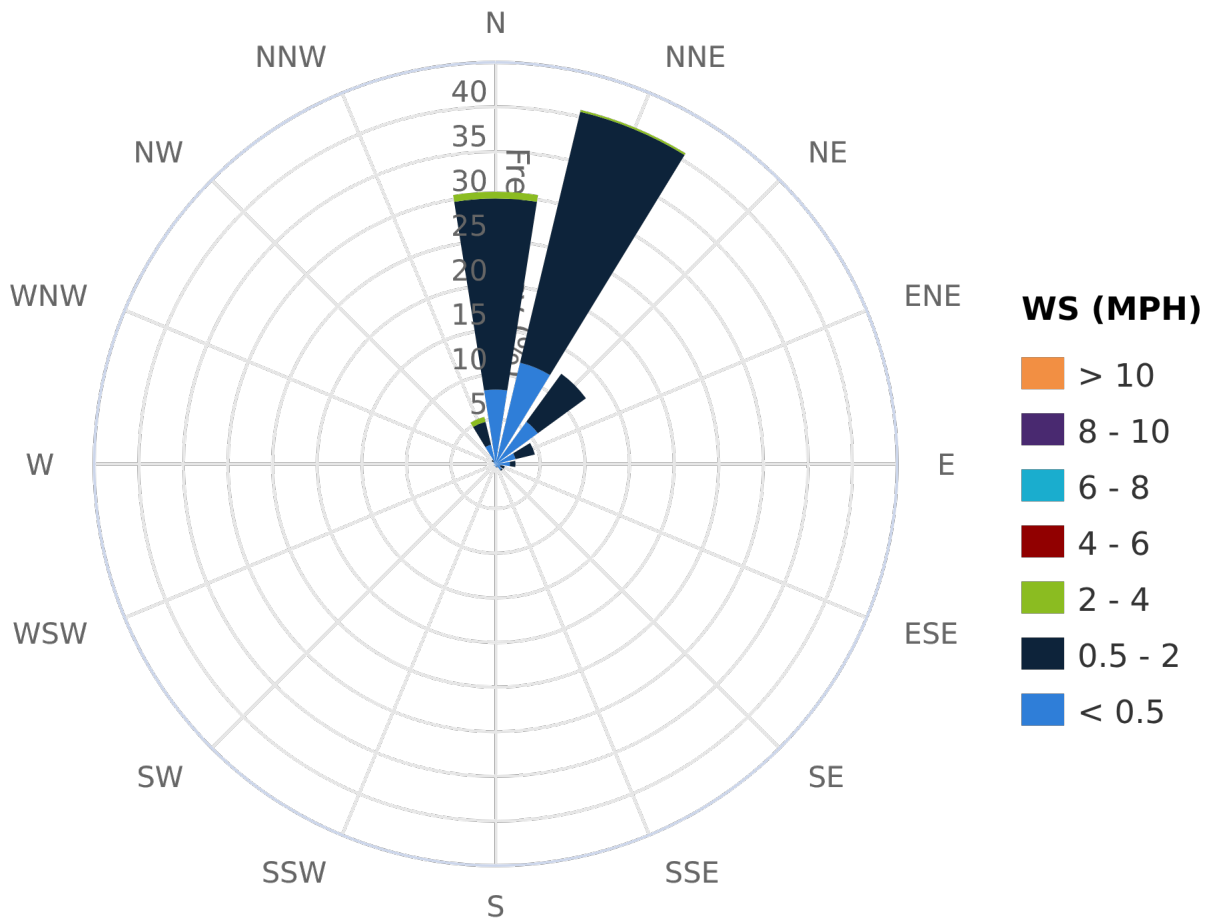


Figure 3 : Wind Rose Chart (WS in MPH)



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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	29.1	22.1	29.5	31.7	12.6	10.3	13.0	12.7	0.000	0.000	0.000	0.000
00:15:00	28.7	22.8	28.8	28.7	12.7	10.4	12.6	12.3	0.000	0.000	0.000	0.000
00:30:00	29.2	23.4	28.9	28.4	12.7	10.4	12.7	12.3	0.000	0.000	0.000	0.000
00:45:00	28.8	24.5	29.0	28.4	12.8	10.5	12.8	12.2	0.000	0.000	0.000	0.000
01:00:00	30.5	23.6	34.9	28.6	13.3	10.5	13.0	13.2	0.000	0.000	0.000	0.000
01:15:00	30.9	24.2	36.2	28.4	13.6	10.7	13.2	13.6	0.000	0.000	0.000	0.000
01:30:00	30.9	24.1	33.7	28.9	13.7	10.8	13.2	13.4	0.000	0.000	0.000	0.000
01:45:00	30.9	23.9	31.5	30.5	13.6	10.8	13.3	13.2	0.000	0.000	0.000	0.000
02:00:00	31.4	24.0	32.5	28.3	13.5	10.9	13.0	13.2	0.000	0.000	0.000	0.000
02:15:00	30.4	25.0	33.5	29.5	13.6	11.2	13.2	13.3	0.000	0.000	0.000	0.000
02:30:00	31.4	25.8	29.9	29.8	13.7	11.1	13.2	12.7	0.000	0.000	0.000	0.000
02:45:00	31.5	26.2	31.4	30.0	13.6	11.3	13.4	13.0	0.000	0.000	0.000	0.000
03:00:00	31.3	25.5	36.1	28.9	13.7	11.2	13.2	13.8	0.000	0.000	0.000	0.000
03:15:00	30.7	25.3	36.7	28.2	13.5	11.4	13.1	13.7	0.000	0.000	0.000	0.000
03:30:00	30.4	25.5	37.8	28.4	13.4	11.2	12.9	13.8	0.000	0.000	0.000	0.000
03:45:00	30.1	25.6	35.8	28.4	13.4	11.3	12.9	13.5	0.000	0.000	0.000	0.000
04:00:00	30.7	25.4	35.5	27.6	13.4	11.4	12.7	13.4	0.000	0.000	0.000	0.000
04:15:00	32.9	24.8	35.8	26.2	13.9	11.2	12.0	13.2	0.000	0.000	0.000	0.000
04:30:00	31.8	25.1	32.1	29.2	13.8	11.2	12.9	12.8	0.000	0.000	0.000	0.000
04:45:00	30.7	24.4	30.6	27.7	13.4	11.0	12.7	12.9	0.000	0.000	0.000	0.000
05:00:00	29.9	24.7	31.0	27.4	13.3	11.1	12.5	12.9	0.000	0.000	0.000	0.000
05:15:00	29.9	23.6	31.1	26.8	13.1	10.9	12.2	12.7	0.000	0.000	0.000	0.000
05:30:00	28.9	23.3	32.5	26.8	12.8	10.7	12.3	12.4	0.000	0.000	0.000	0.000
05:45:00	28.8	23.1	33.6	27.6	12.8	10.5	12.4	12.3	0.000	0.000	0.000	0.000
06:00:00	27.4	23.0	28.0	26.6	12.4	10.6	12.1	12.2	0.000	0.000	0.000	0.000
06:15:00	28.1	22.3	30.5	27.9	12.5	10.3	12.2	12.3	0.000	0.000	0.000	0.000
06:30:00	27.0	21.7	31.5	30.4	12.1	10.1	12.4	12.0	0.000	0.000	0.000	0.000
06:45:00	27.4	22.2	31.3	26.2	12.3	10.2	11.9	11.8	0.000	0.000	0.000	0.000
07:00:00	88.7	21.8	29.1	26.0	28.6	10.3	11.9	11.7	0.000	0.000	0.000	0.000
07:15:00	833.8	23.3	30.2	26.8	104.8	10.7	12.1	11.8	0.000	0.000	0.000	0.000
07:30:00	48.6	24.3	30.2	26.4	17.3	11.0	11.9	12.1	0.000	0.000	0.000	0.000
07:45:00	32.8	24.9	32.3	39.2	13.0	11.1	14.2	12.4	0.000	0.000	0.000	0.000
08:00:00	29.9	26.2	27.8	37.1	12.7	11.4	13.7	12.2	0.000	0.000	0.000	0.000
08:15:00	30.0	25.5	27.9	32.0	12.5	11.2	12.8	12.0	0.000	0.000	0.000	0.000
08:30:00	29.8	25.3	28.7	29.5	12.8	11.2	12.7	12.1	0.000	0.000	0.000	0.000
08:45:00	35.3	25.6	27.5	26.7	13.7	11.2	11.9	12.0	0.000	0.000	0.000	0.000
09:00:00	39.4	24.9	26.0	26.9	13.6	11.1	12.1	11.2	0.000	0.000	0.000	0.000
09:15:00	29.4	25.0	30.1	26.7	12.5	10.9	12.1	12.3	0.000	0.000	0.000	0.000
09:30:00	29.7	25.5	28.0	27.0	12.5	11.3	12.1	12.0	0.000	0.001	0.000	0.000
09:45:00	31.0	26.2	26.8	27.7	13.1	11.5	12.5	12.1	0.000	0.000	0.000	0.000
10:00:00	30.3	26.5	30.6	28.0	13.1	11.7	12.9	12.8	0.003	0.000	0.000	0.000
10:15:00	30.0	26.8	27.5	29.5	13.0	11.8	13.0	12.3	0.006	0.000	0.000	0.006
10:30:00	30.2	27.5	29.3	29.5	13.3	12.0	13.1	12.5	0.012	0.000	0.000	0.012
10:45:00	30.6	24.7	30.4	29.4	13.4	11.0	13.2	13.0	0.015	0.000	0.000	0.016
11:00:00	33.4	27.2	28.9	29.2	13.5	12.3	13.3	12.9	0.013	0.000	0.000	0.023
11:15:00	100.0	28.1	38.7	29.2	20.7	12.6	13.5	14.9	0.004	0.000	0.000	0.025
11:30:00	30.9	28.2	29.0	30.5	13.7	12.6	13.9	13.0	0.000	0.000	0.000	0.028
11:45:00	86.2	27.2	30.1	30.4	19.7	12.5	13.8	13.3	0.000	0.000	0.000	0.026



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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	33.3	27.7	31.9	33.2	14.2	12.7	14.5	13.7	0.000	0.000	0.000	0.022
12:15:00	39.4	27.9	30.9	32.7	14.8	12.6	14.4	13.4	0.000	0.000	0.000	0.010
12:30:00	30.6	27.4	29.6	30.6	13.8	12.7	14.0	13.3	0.000	0.000	0.000	0.003
12:45:00	31.2	27.8	31.5	30.4	14.0	12.9	14.0	13.7	0.000	0.000	0.000	0.000
13:00:00	31.8	28.7	29.2	31.2	13.4	13.0	14.5	13.2	0.000	0.000	0.000	0.000
13:15:00	33.3	28.0	31.9	31.0	14.4	13.0	14.4	13.8	0.000	0.000	0.000	0.000
13:30:00	37.3	28.5	31.1	31.1	15.2	13.2	14.5	14.0	0.000	0.000	0.000	0.000
13:45:00	32.6	27.6	29.3	31.8	14.3	12.8	14.6	13.4	0.000	0.000	0.000	0.000
14:00:00	87.4	27.3	27.2	30.8	21.6	12.8	14.3	12.9	0.000	0.000	0.000	0.000
14:15:00	29.5	27.2	25.5	29.5	13.7	12.7	14.2	12.5	0.000	0.000	0.000	0.000
14:30:00	29.4	28.0	26.4	28.8	13.7	13.0	14.0	12.8	0.000	0.000	0.000	0.001
14:45:00	30.7	27.8	26.9	29.6	14.1	13.1	14.0	13.1	0.000	0.000	0.000	0.002
15:00:00	32.4	28.1	29.3	30.5	14.1	13.1	14.2	13.5	0.000	0.000	0.000	0.000
15:15:00	36.6	28.9	31.3	30.9	14.4	12.8	14.2	13.7	0.000	0.000	0.000	0.001
15:30:00	32.3	29.0	29.1	31.3	14.1	12.7	14.1	13.2	0.000	0.000	0.000	0.000
15:45:00	31.8	28.6	30.4	30.6	13.9	12.7	13.8	13.4	0.000	0.000	0.000	0.000
16:00:00	33.2	28.2	31.4	29.8	13.7	12.3	13.4	13.3	0.000	0.000	0.000	0.000
16:15:00	29.7	27.1	27.0	28.4	13.1	11.8	12.8	12.1	0.000	0.000	0.000	0.000
16:30:00	29.6	26.8	29.0	28.1	13.1	11.9	12.8	12.3	0.000	0.000	0.000	0.000
16:45:00	30.3	27.1	28.8	28.8	13.0	11.9	12.9	12.4	0.000	0.000	0.000	0.000
17:00:00	28.7	26.2	29.0	27.7	12.7	11.5	12.7	12.3	0.000	0.000	0.000	0.000
17:15:00	28.4	25.0	26.4	26.6	12.5	11.2	12.2	11.7	0.000	0.000	0.000	0.000
17:30:00	27.8	24.9	27.5	26.5	12.4	11.2	12.1	11.8	0.000	0.000	0.000	0.000
17:45:00	28.8	25.6	27.1	27.3	12.6	11.4	12.4	11.9	0.000	0.001	0.000	0.000
18:00:00	43.0	25.1	27.5	29.5	14.6	11.4	12.9	11.9	0.000	0.002	0.000	0.000
18:15:00	28.6	25.3	28.0	28.3	12.7	11.4	12.6	12.1	0.002	0.003	0.000	0.000
18:30:00	28.1	24.6	25.2	26.9	12.4	11.1	12.1	11.4	0.004	0.002	0.000	0.000
18:45:00	42.7	22.1	36.5	28.8	13.3	10.2	12.9	12.6	0.005	0.002	0.000	0.000
19:00:00	40.2	31.3	43.0	28.7	15.4	12.2	13.5	16.4	0.020	0.003	0.000	0.001
19:15:00	28.3	20.1	26.8	24.2	11.5	8.8	11.3	11.7	0.020	0.004	0.000	0.000
19:30:00	28.2	22.5	28.9	25.1	11.7	9.8	11.5	12.0	0.004	0.003	0.000	0.000
19:45:00	28.3	23.4	30.6	24.1	11.7	10.0	11.3	11.7	0.000	0.002	0.000	0.000
20:00:00	25.1	22.6	23.7	20.1	10.6	9.7	9.4	9.9	0.000	0.000	0.000	0.000
20:15:00	20.9	20.9	18.8	16.5	8.7	8.9	7.7	8.5	0.000	0.000	0.000	0.000
20:30:00	21.2	20.1	19.5	16.6	8.5	8.2	7.7	7.9	0.000	0.000	0.000	0.000
20:45:00	20.4	18.9	19.5	17.0	8.2	7.8	7.7	7.8	0.000	0.000	0.000	0.000
21:00:00	19.8	20.6	20.0	17.0	8.2	8.2	7.7	7.4	0.000	0.000	0.000	0.000
21:15:00	22.5	19.1	20.3	18.3	9.2	8.0	7.8	7.8	0.000	0.000	0.000	0.000
21:30:00	22.0	18.8	24.4	19.6	9.0	7.7	8.1	7.8	0.000	0.000	0.000	0.000
21:45:00	22.8	19.6	26.8	20.8	9.6	7.7	8.1	7.9	0.000	0.000	0.000	0.000
22:00:00	22.8	20.0	30.4	21.3	9.6	7.8	8.7	7.6	0.000	0.000	0.000	0.000
22:15:00	25.8	20.0	26.8	21.7	9.0	7.9	8.3	7.6	0.000	0.000	0.000	0.000
22:30:00	27.8	19.9	30.9	24.0	8.8	7.6	8.5	8.1	0.000	0.000	0.000	0.000
22:45:00	30.6	21.1	34.8	28.3	9.0	7.7	8.4	8.0	0.000	0.000	0.000	0.000
23:00:00	29.7	22.9	29.7	26.3	8.8	7.5	8.3	7.9	0.000	0.000	0.000	0.000
23:15:00	33.1	24.7	32.5	27.6	8.8	7.2	8.4	8.1	0.000	0.000	0.000	0.000
23:30:00	31.9	27.9	35.1	27.4	8.9	7.6	8.5	7.9	0.000	0.000	0.000	0.000
23:45:00	35.8	28.7	51.4	28.5	9.0	8.0	8.9	8.5	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)
07:15:00	833.8				104.8							