



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-06-26

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.157 to 5.011	2943 SSE	3061 SW	2996 ESE	2997 NW	Min : 70.70 Max : 97.16	Min : 51.70 Max : 87.90	Min : 30.04 Max : 30.25

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	20.7	84.9	8.5	16.3	0.002	0.018
2996	17.9	161.3	8.1	40.2	0.002	0.024
2997	21.3	36.3	8.0	11.7	0.004	0.025
3061	15.9	26.4	7.6	16.8	0.000	0.004



Figure 1 : Monitoring Locations

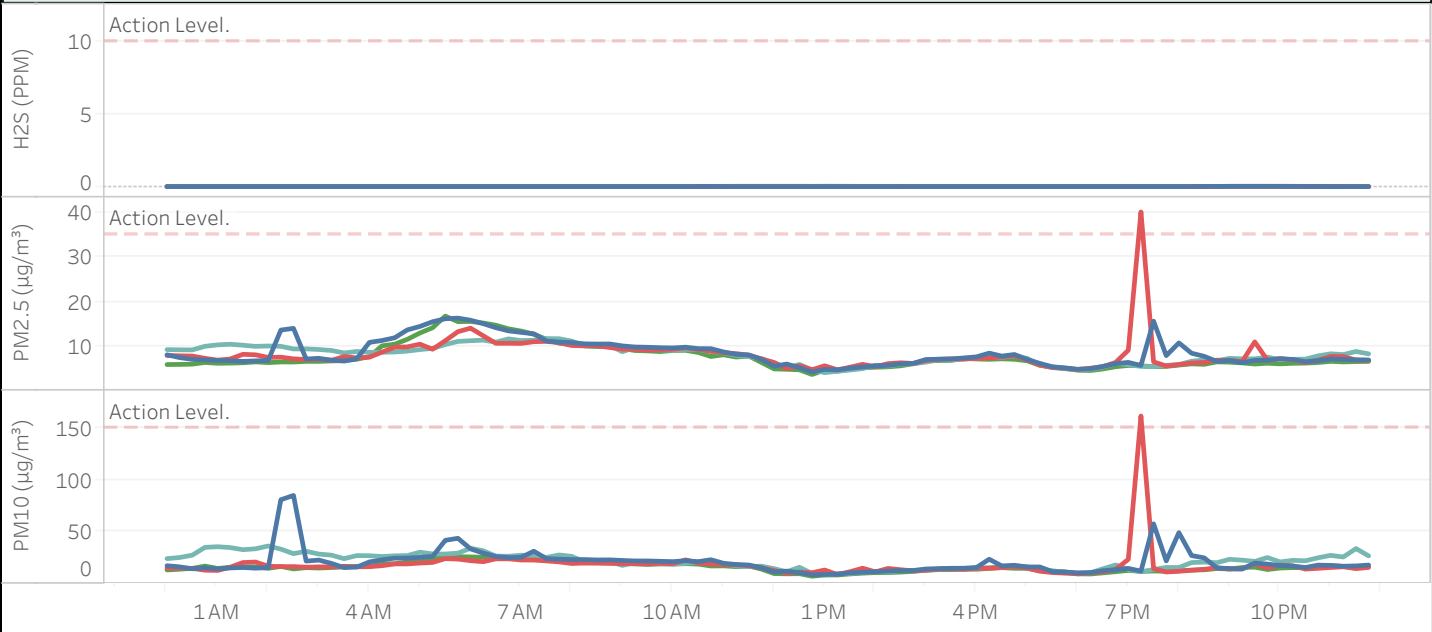


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2996 ■ 2997 ■ 3061



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Wind Rose Chart 2943

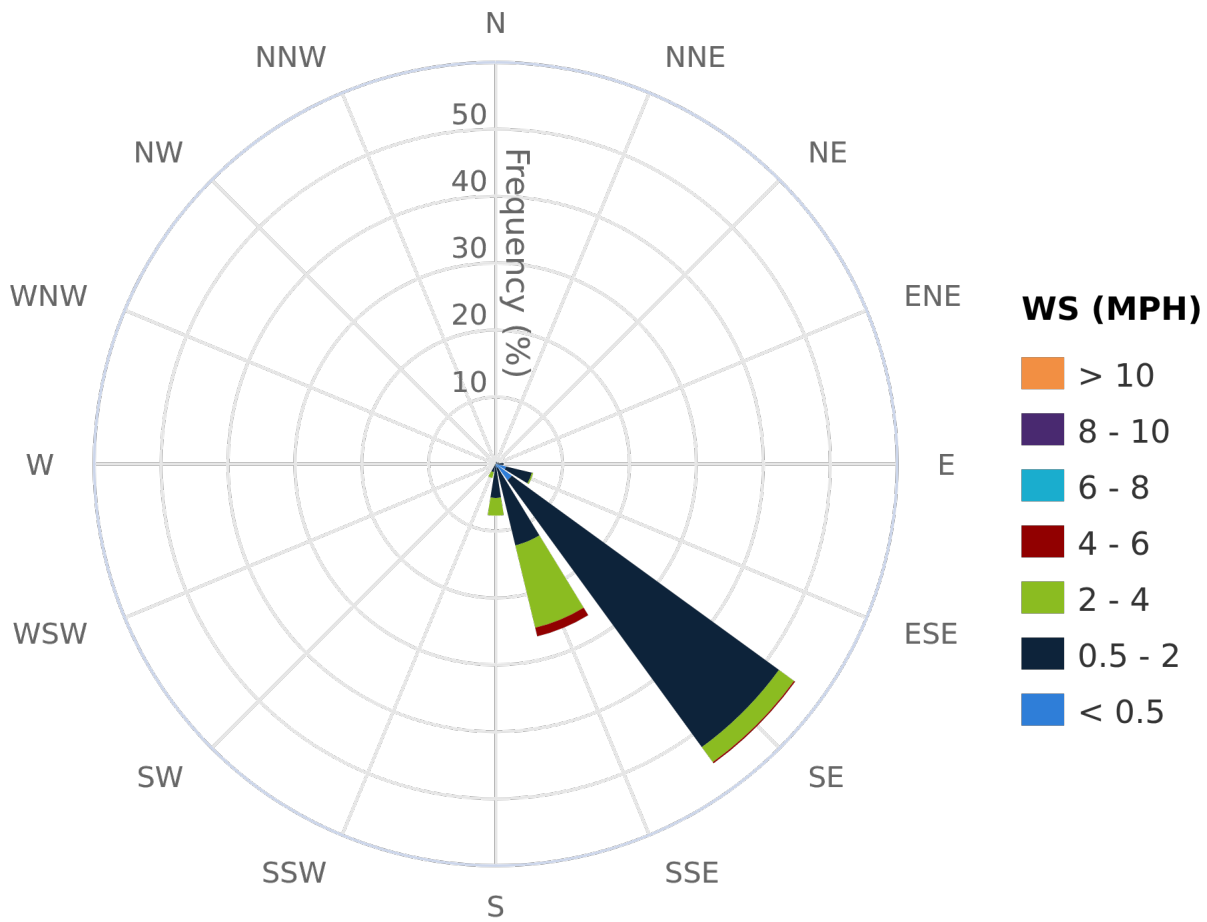


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

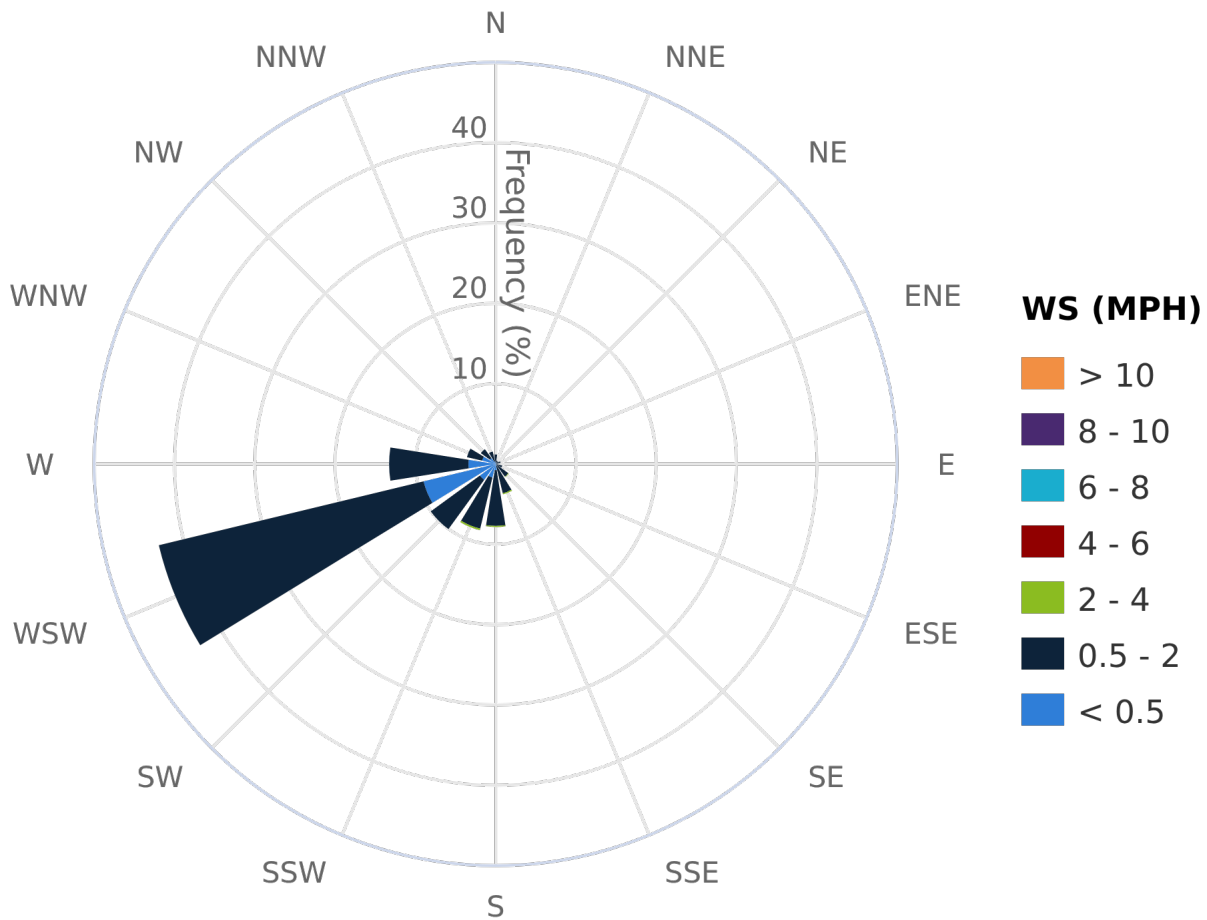


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

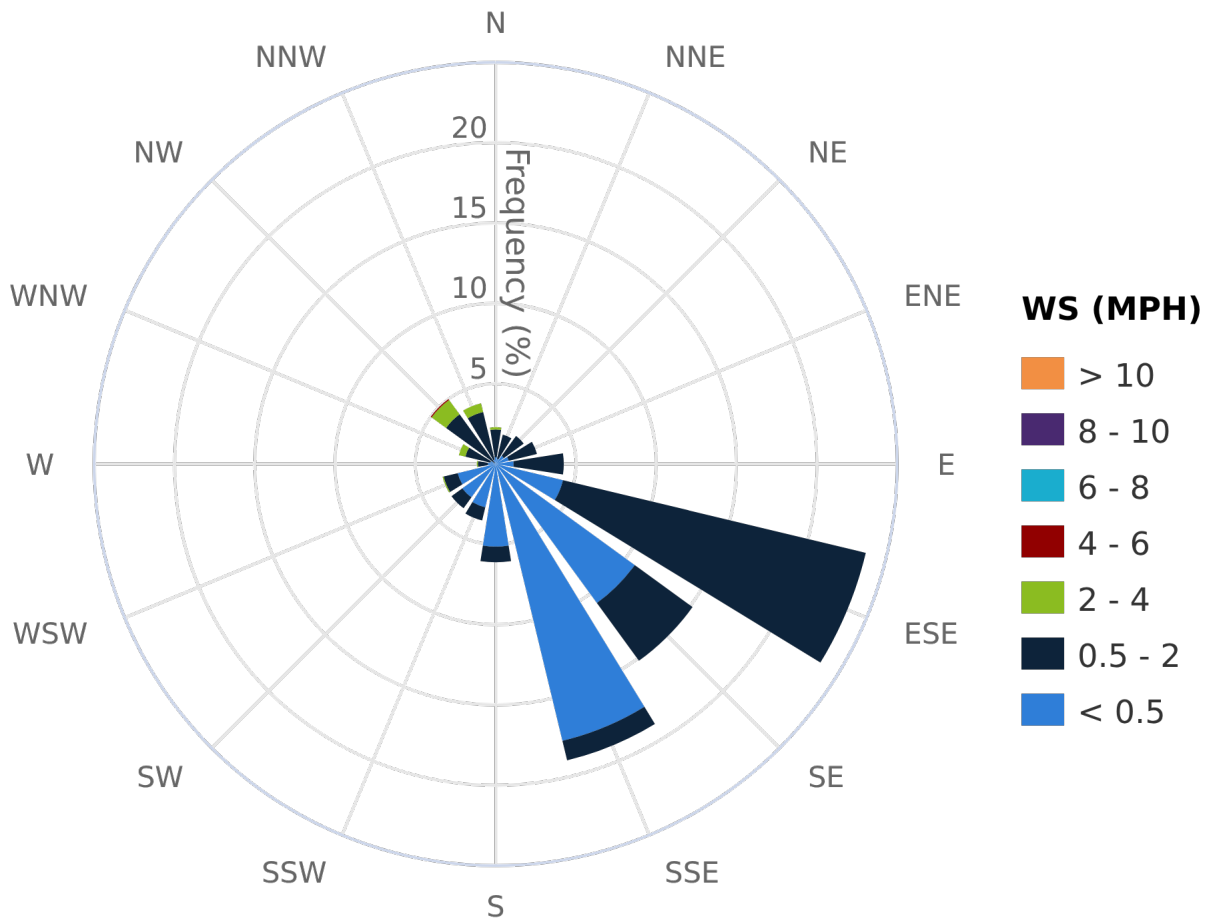


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

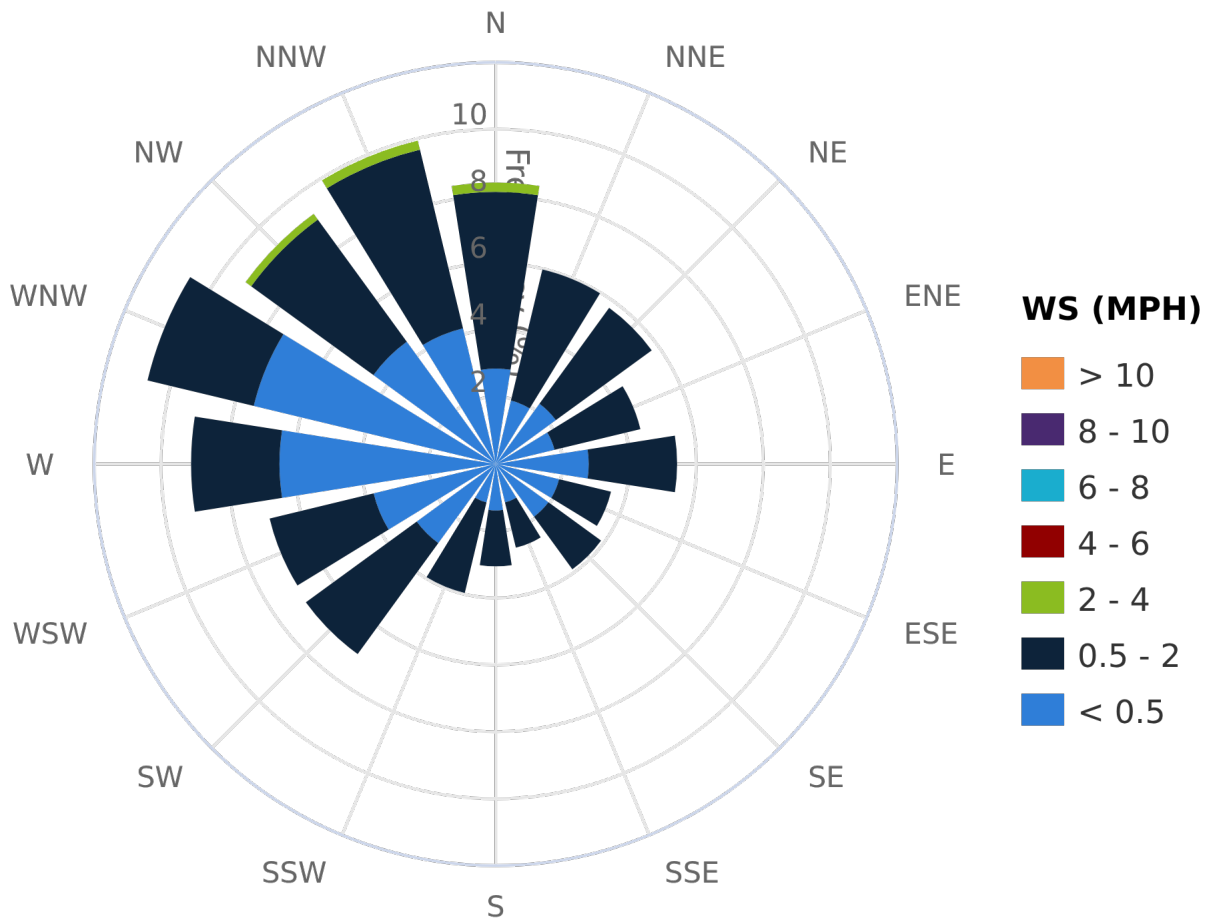


Figure 3 : Wind Rose Chart (WS in MPH)



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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	17.3	13.3	24.2	14.9	8.1	5.9	7.9	9.2	0.000	0.000	0.000	0.000
00:15:00	16.3	14.0	25.3	15.1	7.4	5.9	7.8	9.2	0.000	0.000	0.000	0.000
00:30:00	14.4	14.8	27.5	14.8	7.0	6.0	7.8	9.2	0.000	0.000	0.001	0.000
00:45:00	15.3	17.0	35.0	13.0	6.9	6.3	7.3	10.0	0.000	0.000	0.000	0.000
01:00:00	14.2	14.7	35.6	12.8	6.8	6.2	6.9	10.3	0.000	0.000	0.000	0.000
01:15:00	15.2	15.8	34.8	15.9	6.8	6.2	7.1	10.4	0.000	0.000	0.000	0.000
01:30:00	15.7	16.0	32.8	20.4	6.6	6.3	8.2	10.2	0.000	0.000	0.000	0.000
01:45:00	15.0	16.3	33.6	20.9	6.7	6.5	8.1	10.0	0.000	0.000	0.000	0.000
02:00:00	15.5	14.8	36.3	16.9	6.8	6.3	7.5	10.0	0.000	0.000	0.000	0.000
02:15:00	80.8	16.6	33.3	16.5	13.6	6.5	7.5	10.0	0.000	0.000	0.000	0.000
02:30:00	84.9	14.3	29.0	16.5	14.0	6.4	7.1	9.4	0.000	0.000	0.000	0.000
02:45:00	21.8	15.5	31.2	15.9	7.1	6.6	7.0	9.4	0.000	0.000	0.000	0.000
03:00:00	22.8	15.1	28.6	16.2	7.3	6.6	7.1	9.3	0.000	0.000	0.000	0.000
03:15:00	19.6	15.6	27.5	16.3	6.9	6.7	6.8	9.0	0.000	0.000	0.000	0.000
03:30:00	15.6	16.2	24.1	16.8	6.6	6.8	7.7	8.5	0.000	0.000	0.000	0.000
03:45:00	16.0	16.6	27.1	16.3	7.2	7.1	7.4	8.8	0.000	0.000	0.000	0.000
04:00:00	21.0	16.7	27.0	16.4	10.9	7.7	7.5	8.6	0.000	0.000	0.000	0.000
04:15:00	23.0	19.3	26.2	17.4	11.3	10.1	8.7	8.6	0.000	0.000	0.000	0.000
04:30:00	24.6	19.3	26.9	19.1	11.9	10.4	9.8	8.7	0.000	0.000	0.000	0.000
04:45:00	24.7	21.0	27.1	19.1	13.7	11.5	9.9	8.9	0.000	0.000	0.000	0.000
05:00:00	25.4	22.6	30.4	19.9	14.4	13.0	10.5	9.2	0.000	0.000	0.000	0.000
05:15:00	26.4	24.2	28.7	20.5	15.5	14.2	9.3	9.5	0.000	0.000	0.000	0.000
05:30:00	41.8	26.4	28.6	24.2	16.2	16.8	11.2	10.4	0.000	0.000	0.000	0.000
05:45:00	43.7	26.1	29.5	23.7	16.3	15.5	13.3	11.1	0.000	0.000	0.000	0.000
06:00:00	33.5	25.8	34.2	22.2	15.8	15.6	14.1	11.2	0.000	0.000	0.000	0.000
06:15:00	29.5	25.5	31.7	21.2	15.1	15.2	12.3	11.4	0.000	0.000	0.000	0.000
06:30:00	26.2	24.9	26.6	24.0	14.2	14.7	10.7	10.9	0.000	0.000	0.000	0.000
06:45:00	25.2	25.0	26.5	24.0	13.4	13.9	10.7	11.6	0.000	0.000	0.000	0.000
07:00:00	25.5	24.0	27.5	22.8	13.1	13.4	10.6	11.3	0.000	0.000	0.000	0.000
07:15:00	31.3	24.9	27.1	22.8	12.8	12.7	11.0	11.3	0.000	0.000	0.000	0.000
07:30:00	24.1	22.9	25.3	22.0	11.2	11.6	11.1	11.7	0.000	0.000	0.000	0.000
07:45:00	23.7	21.6	27.7	21.0	10.9	10.7	10.8	11.7	0.000	0.000	0.000	0.000
08:00:00	23.3	20.8	26.3	19.5	10.8	10.4	10.2	11.2	0.000	0.000	0.000	0.000
08:15:00	23.3	20.1	21.2	20.0	10.5	10.1	10.1	10.1	0.000	0.000	0.000	0.000
08:30:00	22.9	20.1	20.6	19.9	10.5	9.9	10.1	10.0	0.000	0.000	0.000	0.000
08:45:00	23.0	20.0	21.4	19.6	10.5	9.9	9.7	10.2	0.000	0.001	0.000	0.000
09:00:00	22.4	19.6	17.6	19.3	10.1	9.5	9.3	8.8	0.000	0.000	0.000	0.000
09:15:00	22.0	19.1	20.4	19.4	9.8	9.0	9.3	9.7	0.000	0.000	0.000	0.000
09:30:00	21.9	18.6	19.7	19.2	9.8	8.9	9.1	9.5	0.000	0.000	0.000	0.000
09:45:00	21.6	19.0	19.4	19.6	9.7	8.8	9.2	9.2	0.000	0.000	0.000	0.000
10:00:00	21.3	19.1	18.8	19.3	9.6	9.0	9.3	9.1	0.000	0.000	0.000	0.000
10:15:00	22.2	19.3	19.6	23.0	9.8	9.1	9.6	9.3	0.001	0.000	0.000	0.000
10:30:00	21.3	18.9	20.5	19.9	9.5	8.6	9.3	9.3	0.004	0.000	0.000	0.005
10:45:00	23.1	17.1	19.3	18.9	9.4	7.7	8.9	8.8	0.008	0.000	0.000	0.011
11:00:00	19.7	17.2	19.3	18.4	8.7	8.1	8.5	8.5	0.003	0.000	0.000	0.019
11:15:00	18.5	16.5	17.2	18.2	8.2	7.6	8.3	7.9	0.000	0.000	0.000	0.021
11:30:00	18.0	17.0	16.6	17.3	8.0	7.8	8.0	7.6	0.000	0.000	0.000	0.024
11:45:00	15.4	14.1	16.9	15.4	7.0	6.3	7.1	7.2	0.000	0.000	0.000	0.022



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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	11.3	9.8	14.5	12.7	5.5	4.9	6.3	6.2	0.000	0.000	0.000	0.024
12:15:00	12.1	9.5	11.6	10.1	6.0	4.8	4.9	5.2	0.000	0.000	0.000	0.023
12:30:00	10.7	9.7	15.9	11.2	5.1	4.7	5.6	5.9	0.000	0.000	0.000	0.024
12:45:00	8.7	7.3	9.8	10.7	4.2	3.6	4.7	4.7	0.000	0.000	0.000	0.020
13:00:00	8.9	8.4	8.4	13.2	4.8	4.7	5.6	4.1	0.000	0.000	0.000	0.025
13:15:00	9.2	8.4	9.7	8.9	4.7	4.4	4.7	4.3	0.000	0.000	0.000	0.024
13:30:00	10.6	9.4	10.1	11.6	5.1	4.8	5.3	4.6	0.000	0.000	0.000	0.020
13:45:00	11.1	10.2	11.0	15.0	5.3	5.1	5.9	5.0	0.000	0.000	0.000	0.016
14:00:00	11.6	10.7	11.7	11.4	5.6	5.3	5.4	5.7	0.000	0.000	0.000	0.013
14:15:00	12.2	10.8	11.3	14.7	5.7	5.4	6.1	5.5	0.001	0.000	0.000	0.013
14:30:00	12.7	11.2	12.8	13.5	6.0	5.6	6.3	6.0	0.003	0.000	0.000	0.009
14:45:00	12.8	11.9	12.5	12.3	6.2	6.1	6.1	6.1	0.000	0.001	0.000	0.010
15:00:00	14.2	12.9	13.3	13.1	7.0	6.6	6.8	6.4	0.000	0.000	0.000	0.005
15:15:00	14.6	13.6	14.1	14.0	7.1	6.8	7.1	7.0	0.000	0.000	0.000	0.003
15:30:00	14.9	13.6	14.4	14.3	7.1	6.8	7.1	6.9	0.000	0.000	0.000	0.010
15:45:00	15.0	14.0	14.7	13.9	7.4	7.3	7.1	7.1	0.000	0.000	0.000	0.003
16:00:00	15.7	14.0	15.1	14.9	7.6	7.1	7.3	7.4	0.000	0.000	0.000	0.005
16:15:00	23.6	14.7	15.4	15.0	8.4	7.0	7.3	7.4	0.000	0.000	0.000	0.000
16:30:00	17.2	15.5	16.4	15.5	7.8	7.2	7.6	7.5	0.000	0.000	0.000	0.000
16:45:00	17.8	14.9	17.0	16.6	8.1	7.1	7.8	7.8	0.000	0.000	0.000	0.000
17:00:00	16.2	14.8	16.3	15.0	7.0	6.7	6.9	7.3	0.000	0.000	0.000	0.000
17:15:00	16.2	12.7	13.2	12.1	6.1	5.7	5.8	5.8	0.000	0.000	0.000	0.000
17:30:00	11.7	12.0	12.5	10.8	5.4	5.3	5.2	5.2	0.000	0.000	0.000	0.000
17:45:00	11.3	11.5	11.1	10.2	5.1	5.0	5.1	4.9	0.000	0.000	0.000	0.000
18:00:00	10.5	9.5	10.2	9.5	4.8	4.6	4.8	4.7	0.000	0.000	0.000	0.000
18:15:00	10.8	9.4	10.5	10.5	4.9	4.5	5.0	4.8	0.000	0.000	0.000	0.000
18:30:00	12.5	10.5	14.4	11.3	5.5	4.9	5.4	5.3	0.000	0.000	0.000	0.003
18:45:00	13.5	11.6	18.1	13.8	6.1	5.4	6.3	6.1	0.000	0.001	0.000	0.001
19:00:00	14.7	12.8	13.9	23.5	6.4	5.7	9.1	5.9	0.003	0.002	0.000	0.004
19:15:00	12.2	11.9	11.5	161.3	5.7	5.6	40.2	5.5	0.000	0.001	0.000	0.000
19:30:00	57.6	12.2	13.7	14.6	15.6	5.4	6.5	5.4	0.000	0.000	0.000	0.001
19:45:00	21.9	12.0	15.7	11.3	7.9	5.4	5.5	5.7	0.000	0.001	0.000	0.000
20:00:00	49.2	12.5	15.6	12.0	10.7	5.7	5.9	5.9	0.000	0.001	0.000	0.000
20:15:00	27.1	13.1	20.4	13.0	8.4	6.0	6.2	6.6	0.002	0.002	0.000	0.003
20:30:00	24.9	13.4	20.8	13.9	7.7	5.9	6.3	6.9	0.009	0.003	0.003	0.001
20:45:00	15.3	14.6	20.3	15.4	6.6	6.5	6.9	6.7	0.013	0.004	0.012	0.000
21:00:00	14.6	14.2	23.5	14.1	6.8	6.4	6.8	7.3	0.017	0.004	0.023	0.000
21:15:00	14.2	15.6	22.7	14.3	6.3	6.2	6.5	7.2	0.018	0.004	0.023	0.000
21:30:00	19.9	16.0	21.5	19.3	6.8	6.0	11.0	7.2	0.017	0.003	0.024	0.000
21:45:00	18.9	13.7	25.2	15.2	6.8	6.2	6.8	7.5	0.018	0.003	0.023	0.000
22:00:00	17.5	15.1	21.0	18.0	7.2	6.0	7.2	7.0	0.014	0.003	0.024	0.000
22:15:00	17.0	15.5	22.5	17.3	7.0	6.1	7.0	7.1	0.010	0.002	0.021	0.000
22:30:00	15.6	15.4	22.1	14.1	6.5	6.2	6.3	7.1	0.007	0.001	0.017	0.000
22:45:00	17.9	15.3	25.0	14.9	6.7	6.3	6.8	7.8	0.002	0.000	0.012	0.000
23:00:00	17.6	17.4	27.3	15.6	7.1	6.6	7.7	8.3	0.000	0.000	0.011	0.000
23:15:00	16.9	16.6	25.7	16.3	7.0	6.5	7.7	8.1	0.000	0.000	0.007	0.000
23:30:00	17.2	16.4	33.9	14.6	6.9	6.5	6.9	8.8	0.000	0.000	0.005	0.000
23:45:00	18.0	16.4	26.8	15.7	6.9	6.6	6.8	8.3	0.000	0.000	0.003	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)
19:15:00			161.3				40.2					