



# DAILY AIR MONITORING REPORT

## Florence C&D Landfill – Air Monitoring

Date : 2026-03-25

**Table 1 : Weather Summary**

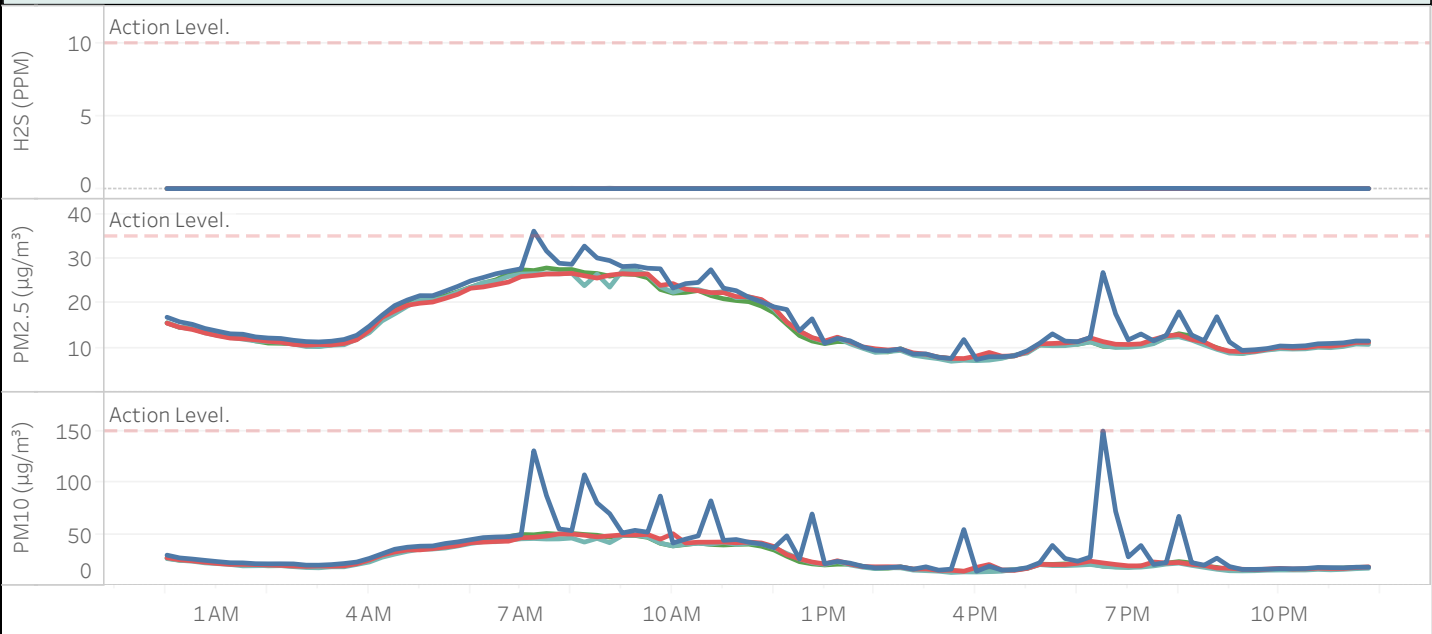
Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.224 to 10.178	2943 E	3061 N	2996 SE	2997 NNE	Min : 56.66 Max : 91.76	Min : 45.90 Max : 86.00	Min : 30.08 Max : 30.31

**Table 2 : Monitoring Summary**

Site Action Level :	PM10 : 150 µg/m <sup>3</sup>	PM2.5 : 35 µg/m <sup>3</sup>	H2S : 10 PPM			
AQ-SN	Avg. PM10 Daily (µg/m <sup>3</sup> )	Max. PM10-15-min Avg (µg/m <sup>3</sup> )	Avg. PM2.5 Daily (µg/m <sup>3</sup> )	Max. PM2.5-15-min Avg (µg/m <sup>3</sup> )	Avg. H2S Daily (PPM)	Max. H2S-15-min Avg (PPM)
2943	35.9	149.9	16.7	36.3	0.001	0.015
2996	27.5	50.4	15.2	26.8	0.000	0.003
2997	25.7	49.1	14.8	27.5	0.001	0.027
3061	26.9	50.7	15.0	28.0	0.000	0.002



**Figure 1 : Monitoring Locations**



**Figure 2 : 15 Minutes Average Concentrations**

■ 2943      ■ 2996      ■ 2997      ■ 3061



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Wind Rose Chart 2943

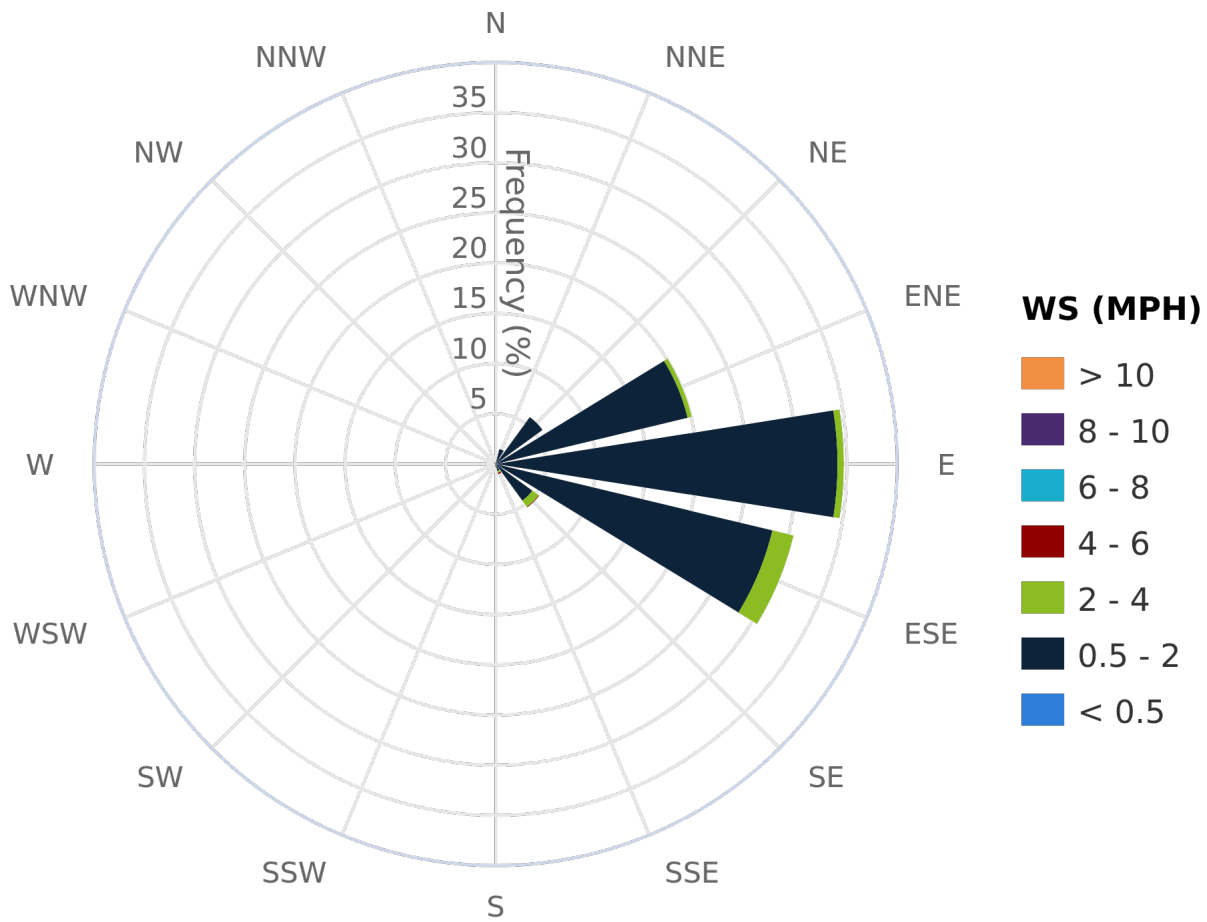


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

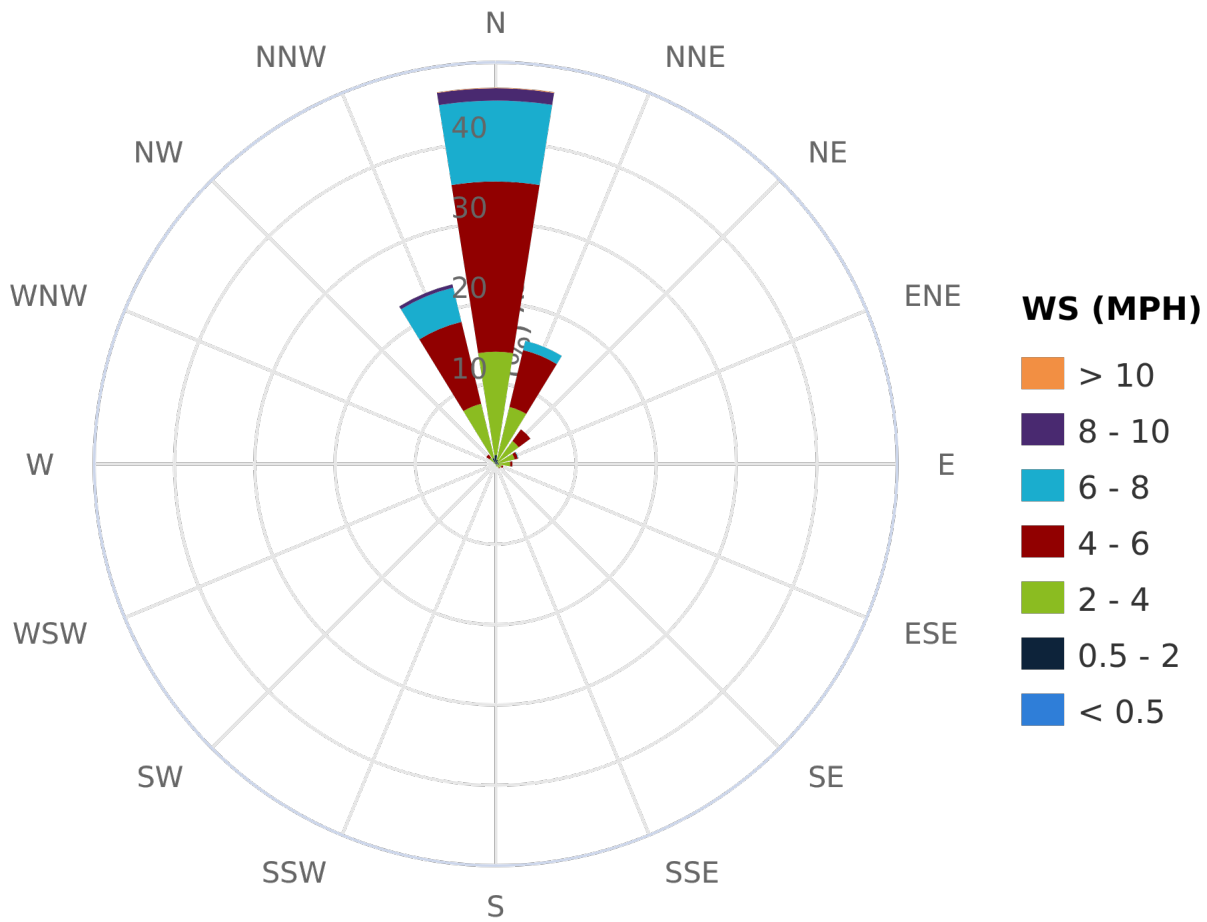


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

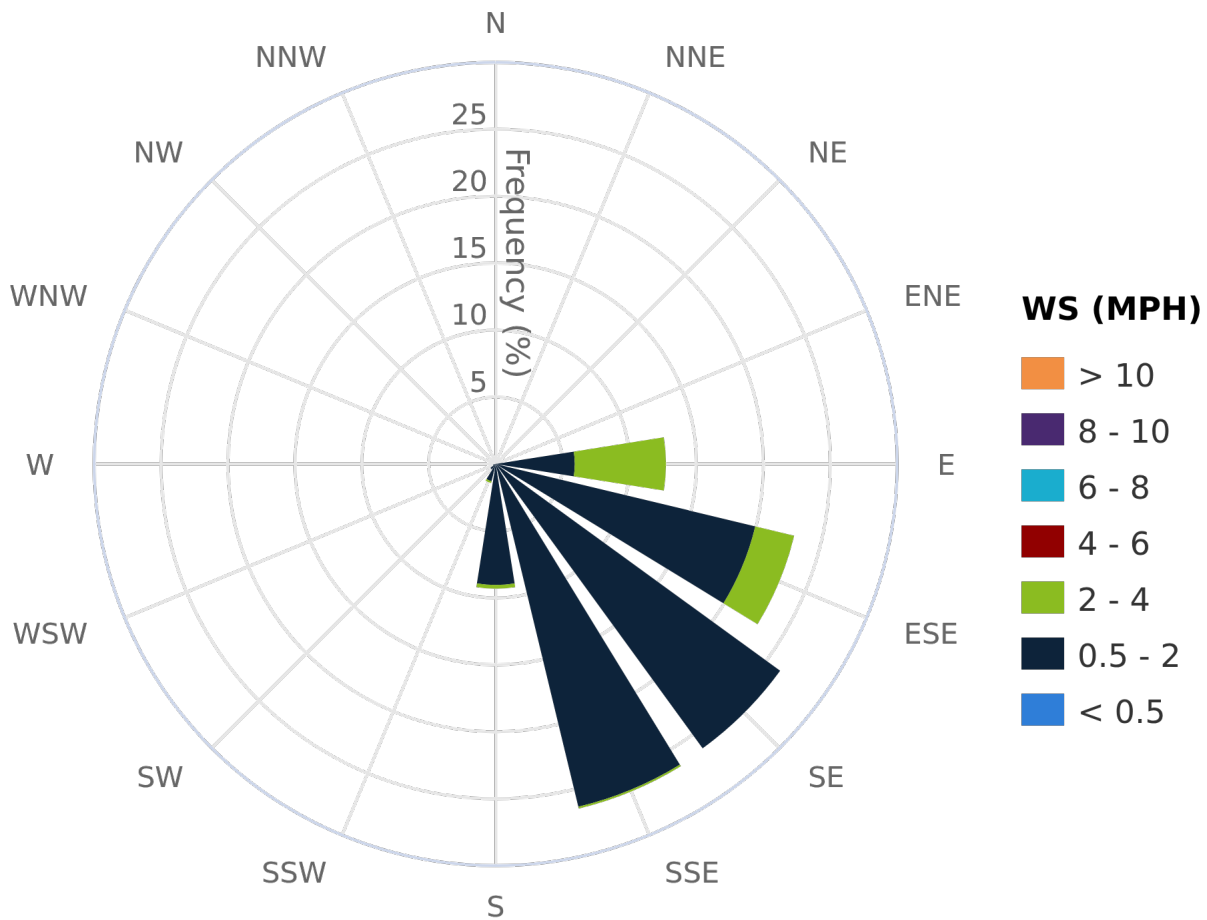


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

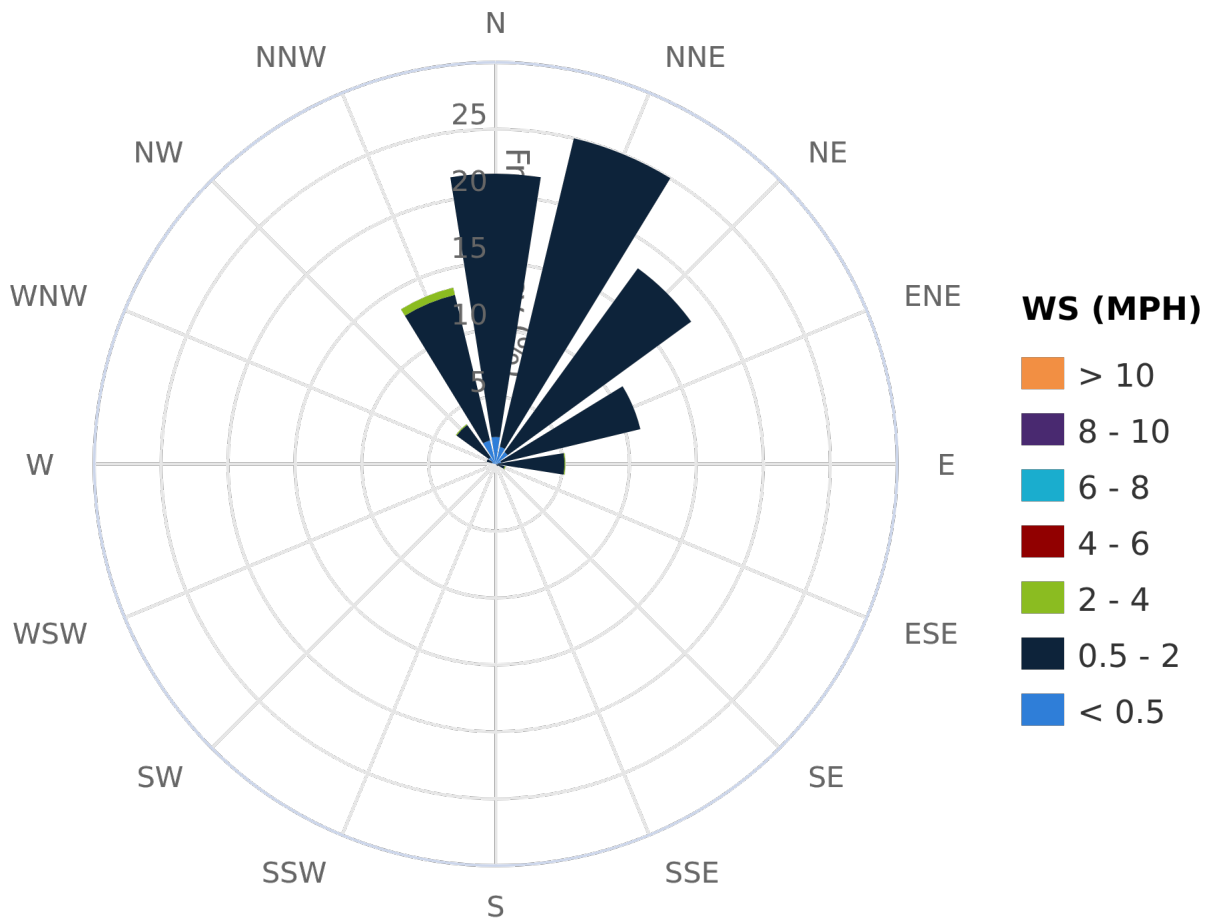


Figure 3 : Wind Rose Chart (WS in MPH)



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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	29.7	26.8	26.3	27.1	17.0	15.7	15.6	15.7	0.000	0.000	0.000	0.000
00:15:00	27.0	24.7	24.6	25.2	15.9	14.7	14.7	14.7	0.000	0.000	0.000	0.000
00:30:00	25.9	24.6	23.7	24.2	15.4	14.5	14.2	14.4	0.000	0.000	0.000	0.000
00:45:00	24.6	23.0	22.2	22.8	14.4	13.6	13.4	13.4	0.000	0.000	0.000	0.000
01:00:00	23.4	22.5	21.4	21.6	13.8	13.1	12.8	12.9	0.000	0.000	0.000	0.000
01:15:00	22.3	21.2	20.6	20.7	13.2	12.5	12.3	12.4	0.000	0.000	0.000	0.000
01:30:00	22.2	20.7	19.3	20.7	13.1	12.4	12.1	12.0	0.000	0.000	0.000	0.000
01:45:00	21.4	19.8	19.4	20.5	12.5	11.6	11.9	11.6	0.000	0.000	0.000	0.000
02:00:00	21.3	19.3	19.5	20.1	12.3	11.1	11.5	11.5	0.000	0.000	0.000	0.000
02:15:00	21.3	19.5	19.6	19.8	12.2	11.1	11.3	11.3	0.000	0.000	0.000	0.000
02:30:00	21.2	19.2	18.5	19.1	11.8	11.0	10.8	10.9	0.000	0.000	0.000	0.000
02:45:00	20.0	18.8	17.7	18.8	11.5	10.7	10.7	10.4	0.000	0.000	0.000	0.000
03:00:00	20.0	18.3	17.4	19.2	11.4	10.4	10.8	10.4	0.000	0.000	0.000	0.000
03:15:00	20.5	18.9	18.3	18.9	11.6	10.8	10.7	10.7	0.000	0.000	0.000	0.000
03:30:00	21.5	19.1	18.4	19.3	12.0	11.1	11.1	10.8	0.000	0.000	0.000	0.000
03:45:00	23.0	21.5	20.6	21.3	12.9	12.0	11.9	12.0	0.000	0.000	0.000	0.000
04:00:00	26.5	25.1	23.0	25.0	15.0	13.7	14.0	13.5	0.000	0.000	0.000	0.000
04:15:00	30.9	29.9	27.6	29.7	17.4	16.5	16.9	16.1	0.000	0.000	0.000	0.000
04:30:00	35.4	33.2	30.6	32.7	19.6	18.7	18.4	17.7	0.000	0.000	0.000	0.000
04:45:00	37.3	35.4	33.3	34.7	20.8	20.0	19.6	19.4	0.000	0.000	0.000	0.000
05:00:00	38.3	37.2	35.4	34.7	21.8	21.1	20.1	20.9	0.000	0.000	0.000	0.000
05:15:00	38.5	37.1	35.6	35.9	21.8	20.9	20.4	20.7	0.000	0.000	0.000	0.000
05:30:00	40.9	38.4	36.5	37.4	22.8	21.8	21.2	21.4	0.000	0.000	0.000	0.000
05:45:00	42.5	39.6	38.5	39.0	23.9	22.7	22.1	22.6	0.000	0.000	0.000	0.000
06:00:00	44.6	42.8	40.9	41.7	25.1	23.7	23.5	23.7	0.000	0.000	0.000	0.000
06:15:00	46.6	44.7	42.6	42.3	25.9	24.6	23.8	24.7	0.000	0.000	0.000	0.000
06:30:00	47.2	45.3	42.7	42.9	26.7	25.4	24.3	25.1	0.000	0.000	0.000	0.000
06:45:00	47.6	47.6	44.2	43.2	27.3	26.7	24.9	26.1	0.000	0.000	0.000	0.000
07:00:00	49.3	49.7	45.4	46.4	27.8	27.6	26.1	26.7	0.000	0.000	0.000	0.000
07:15:00	130.7	49.4	45.8	47.0	36.3	27.4	26.3	26.7	0.000	0.000	0.000	0.000
07:30:00	87.4	50.7	45.3	48.2	31.9	28.0	26.6	26.7	0.000	0.000	0.000	0.000
07:45:00	55.0	50.0	45.4	50.2	29.1	27.7	26.7	26.7	0.000	0.000	0.000	0.000
08:00:00	53.4	50.7	46.2	50.1	28.8	27.7	26.8	26.8	0.000	0.000	0.000	0.020
08:15:00	107.5	49.7	42.3	48.9	32.9	27.0	26.3	24.0	0.000	0.000	0.000	0.003
08:30:00	80.3	48.9	45.9	47.3	30.3	26.8	25.8	26.6	0.000	0.000	0.000	0.000
08:45:00	69.8	47.0	41.7	48.3	29.7	26.2	26.4	23.7	0.000	0.000	0.000	0.027
09:00:00	51.1	48.6	48.6	49.3	28.3	26.7	26.7	27.4	0.000	0.000	0.000	0.000
09:15:00	53.7	48.7	49.1	49.2	28.5	26.6	26.6	27.5	0.000	0.000	0.000	0.000
09:30:00	51.9	46.9	47.2	49.7	28.0	25.8	26.7	26.5	0.000	0.000	0.000	0.000
09:45:00	86.9	41.1	41.3	45.1	27.8	23.2	24.1	23.8	0.000	0.000	0.000	0.000
10:00:00	41.4	38.6	38.5	50.4	23.5	22.4	24.5	22.6	0.000	0.000	0.000	0.000
10:15:00	45.2	39.9	40.3	41.4	24.5	22.5	23.3	23.3	0.000	0.000	0.000	0.000
10:30:00	48.3	41.4	41.1	42.2	24.8	23.0	22.9	23.2	0.000	0.000	0.000	0.000
10:45:00	82.3	40.0	40.4	42.2	27.6	21.8	22.5	22.4	0.000	0.000	0.000	0.000
11:00:00	43.9	39.5	42.0	42.4	23.5	21.1	22.5	22.7	0.000	0.000	0.000	0.000
11:15:00	44.8	40.1	40.1	41.6	22.9	20.7	21.6	21.3	0.003	0.000	0.000	0.000
11:30:00	42.2	40.3	41.3	42.3	21.4	20.5	21.5	21.5	0.007	0.000	0.000	0.001
11:45:00	40.4	38.3	40.7	41.4	20.4	19.4	20.9	20.8	0.012	0.001	0.000	0.007



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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	36.9	34.6	36.8	37.9	19.3	18.0	19.1	18.7	0.011	0.001	0.000	0.007
12:15:00	48.4	28.6	31.2	30.1	18.7	15.4	15.8	15.9	0.010	0.001	0.000	0.009
12:30:00	26.0	23.4	26.1	26.1	13.9	12.8	13.8	13.9	0.004	0.001	0.000	0.014
12:45:00	69.5	21.2	22.4	23.0	16.6	11.6	12.4	12.3	0.000	0.002	0.000	0.014
13:00:00	21.4	20.1	20.6	21.1	11.1	11.0	11.6	11.4	0.000	0.001	0.000	0.013
13:15:00	23.6	20.9	23.4	24.3	12.2	11.5	12.5	12.3	0.000	0.001	0.000	0.015
13:30:00	21.9	20.9	20.1	21.0	11.6	11.4	11.5	11.0	0.000	0.000	0.000	0.008
13:45:00	18.9	18.9	18.0	18.6	10.3	10.2	10.3	10.0	0.000	0.000	0.000	0.000
14:00:00	17.3	16.8	16.6	18.4	9.5	9.2	9.9	9.0	0.000	0.000	0.000	0.000
14:15:00	17.6	17.0	17.5	18.4	9.4	9.1	9.6	9.2	0.000	0.000	0.000	0.000
14:30:00	18.3	18.3	17.3	18.2	9.8	9.9	9.8	9.5	0.000	0.000	0.000	0.000
14:45:00	16.1	16.1	15.1	16.2	8.7	8.6	8.9	8.4	0.000	0.000	0.000	0.000
15:00:00	18.4	15.5	14.6	16.3	8.7	8.4	8.7	8.0	0.000	0.000	0.000	0.000
15:15:00	15.1	14.8	14.1	14.9	7.9	8.0	8.0	7.6	0.000	0.000	0.000	0.000
15:30:00	16.1	14.6	12.8	15.0	7.7	7.6	7.7	7.1	0.000	0.000	0.000	0.000
15:45:00	54.5	14.0	13.4	14.1	11.9	7.5	7.7	7.3	0.000	0.000	0.000	0.000
16:00:00	14.1	13.7	13.3	17.8	7.4	7.4	8.2	7.2	0.000	0.000	0.000	0.000
16:15:00	18.9	14.1	13.7	20.6	8.1	7.6	9.0	7.3	0.000	0.000	0.000	0.000
16:30:00	15.2	14.9	14.1	15.4	8.1	7.9	8.2	7.7	0.000	0.000	0.000	0.000
16:45:00	15.4	15.5	15.8	14.9	8.3	8.3	8.3	8.4	0.000	0.000	0.000	0.000
17:00:00	17.6	17.0	16.7	16.8	9.4	9.1	9.2	8.9	0.000	0.000	0.000	0.000
17:15:00	22.3	20.9	20.5	20.7	11.1	10.7	11.0	10.7	0.000	0.000	0.000	0.000
17:30:00	39.1	20.7	19.5	20.5	13.2	10.7	11.1	10.5	0.000	0.000	0.000	0.000
17:45:00	26.4	21.2	19.5	20.6	11.6	11.1	11.2	10.6	0.000	0.000	0.000	0.000
18:00:00	23.8	20.6	19.9	21.8	11.5	10.9	11.5	10.9	0.000	0.000	0.000	0.000
18:15:00	27.9	21.2	20.6	23.8	12.4	11.4	12.3	11.4	0.000	0.000	0.000	0.000
18:30:00	149.9	19.0	18.9	22.1	27.0	10.4	11.5	10.5	0.000	0.000	0.000	0.000
18:45:00	72.0	18.4	18.0	20.6	17.7	10.3	10.9	10.2	0.000	0.000	0.000	0.000
19:00:00	28.0	18.1	17.7	19.3	11.8	10.4	10.8	10.2	0.004	0.000	0.000	0.001
19:15:00	39.0	19.1	18.0	19.3	13.2	10.9	11.0	10.4	0.012	0.000	0.000	0.001
19:30:00	20.6	19.9	19.2	23.0	11.6	11.2	12.0	11.0	0.015	0.000	0.000	0.001
19:45:00	22.5	21.9	21.0	22.0	12.9	12.4	12.7	12.4	0.015	0.000	0.000	0.000
20:00:00	67.2	23.4	21.9	22.6	18.2	13.2	13.0	12.6	0.015	0.000	0.000	0.000
20:15:00	22.5	22.1	19.7	20.7	13.0	12.7	12.0	11.8	0.013	0.000	0.001	0.000
20:30:00	19.9	19.0	17.8	19.7	11.7	11.0	11.4	10.7	0.008	0.000	0.003	0.000
20:45:00	26.8	17.8	16.0	17.2	17.1	10.1	10.0	9.7	0.005	0.000	0.003	0.000
21:00:00	18.6	15.4	14.5	16.9	11.4	9.1	9.3	8.9	0.002	0.000	0.002	0.000
21:15:00	15.8	14.7	14.4	16.0	9.5	8.8	9.2	8.8	0.000	0.000	0.002	0.000
21:30:00	15.9	15.2	14.6	15.6	9.6	9.4	9.3	9.1	0.000	0.000	0.001	0.000
21:45:00	16.1	15.9	15.1	16.2	9.9	9.7	9.8	9.6	0.000	0.000	0.000	0.000
22:00:00	16.6	15.9	15.2	16.9	10.5	9.9	10.2	9.9	0.000	0.000	0.000	0.000
22:15:00	16.5	15.8	15.2	16.3	10.4	10.1	10.0	9.8	0.000	0.000	0.000	0.000
22:30:00	16.7	16.2	15.2	16.4	10.5	10.1	10.1	9.8	0.000	0.000	0.000	0.000
22:45:00	17.8	17.0	15.8	17.0	11.0	10.4	10.5	10.2	0.000	0.000	0.000	0.000
23:00:00	17.6	17.0	15.4	16.7	11.1	10.6	10.5	10.1	0.000	0.000	0.000	0.000
23:15:00	17.4	17.2	15.9	16.8	11.2	10.9	10.7	10.4	0.000	0.000	0.000	0.000
23:30:00	18.0	17.9	16.5	17.7	11.6	11.3	11.3	10.9	0.000	0.000	0.000	0.000
23:45:00	18.0	17.9	17.0	18.3	11.6	11.4	11.3	10.8	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					36.3							