



# DAILY AIR MONITORING REPORT

## Florence C&D Landfill – Air Monitoring

Date : 2026-06-28

**Table 1 : Weather Summary**

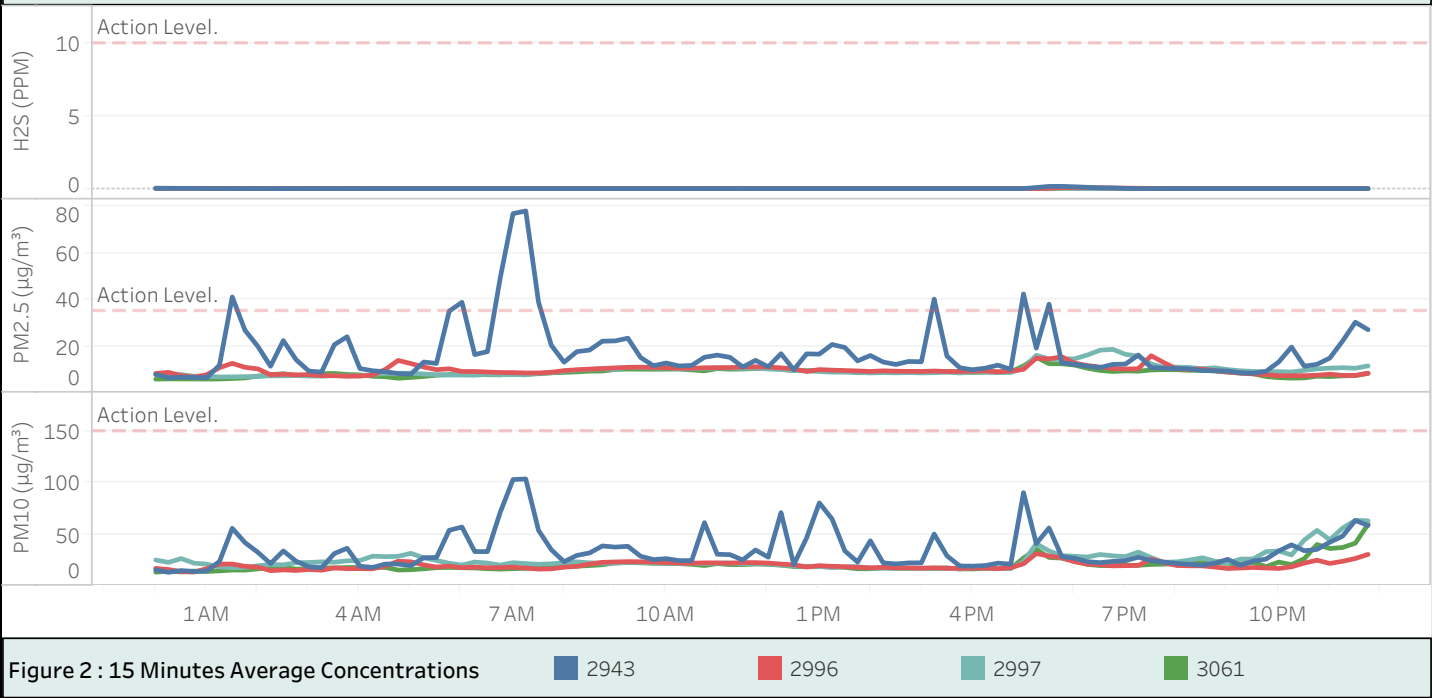
Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.157 to 5.928	2943 SE	3061 SSW	2996 SSE	2997 NNW	Min : 72.14 Max : 104.4	Min : 44.30 Max : 90.60	Min : 28.30 Max : 30.42

**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	33.6	103.4	17.4	78.2	0.008	0.154
2996	19.6	31.2	9.7	15.9	0.006	0.071
2997	24.9	63.4	9.6	18.6	0.002	0.027
3061	20.3	59.6	8.6	15.2	0.001	0.019



**Figure 1 : Monitoring Locations**





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Wind Rose Chart 2943

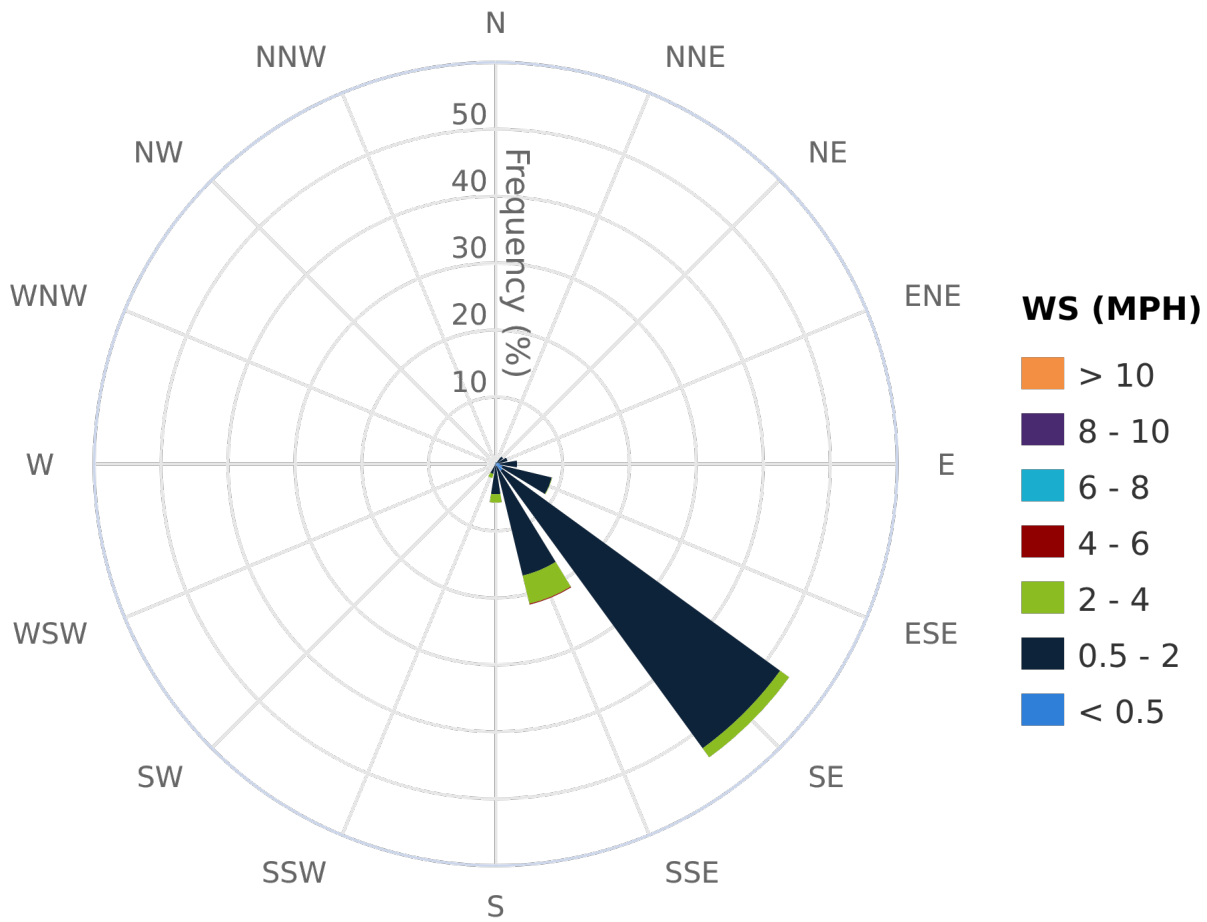


Figure 3 : Wind Rose Chart (WS in MPH)



# DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-06-28

Wind Rose Chart 3061

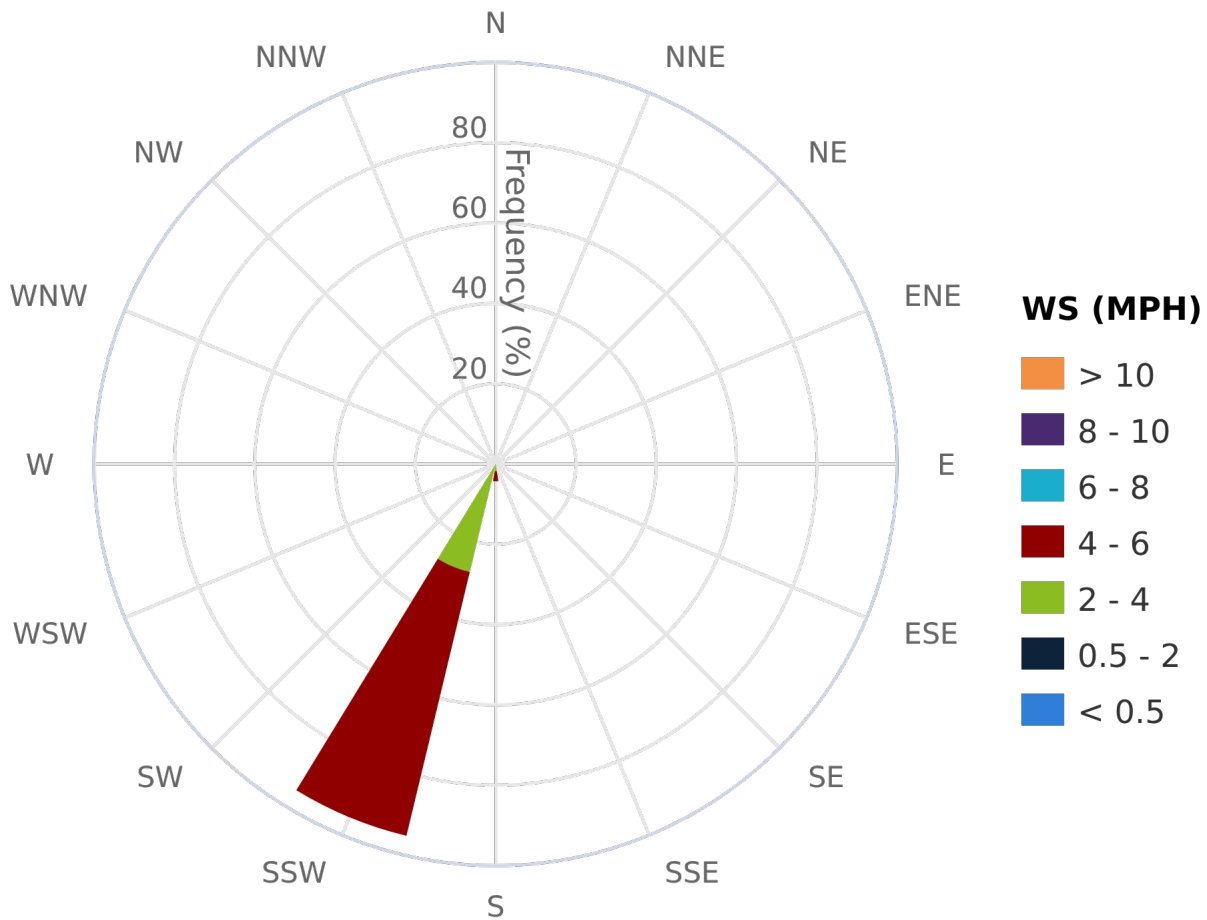


Figure 3 : Wind Rose Chart (WS in MPH)



# DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-06-28

Wind Rose Chart 2996

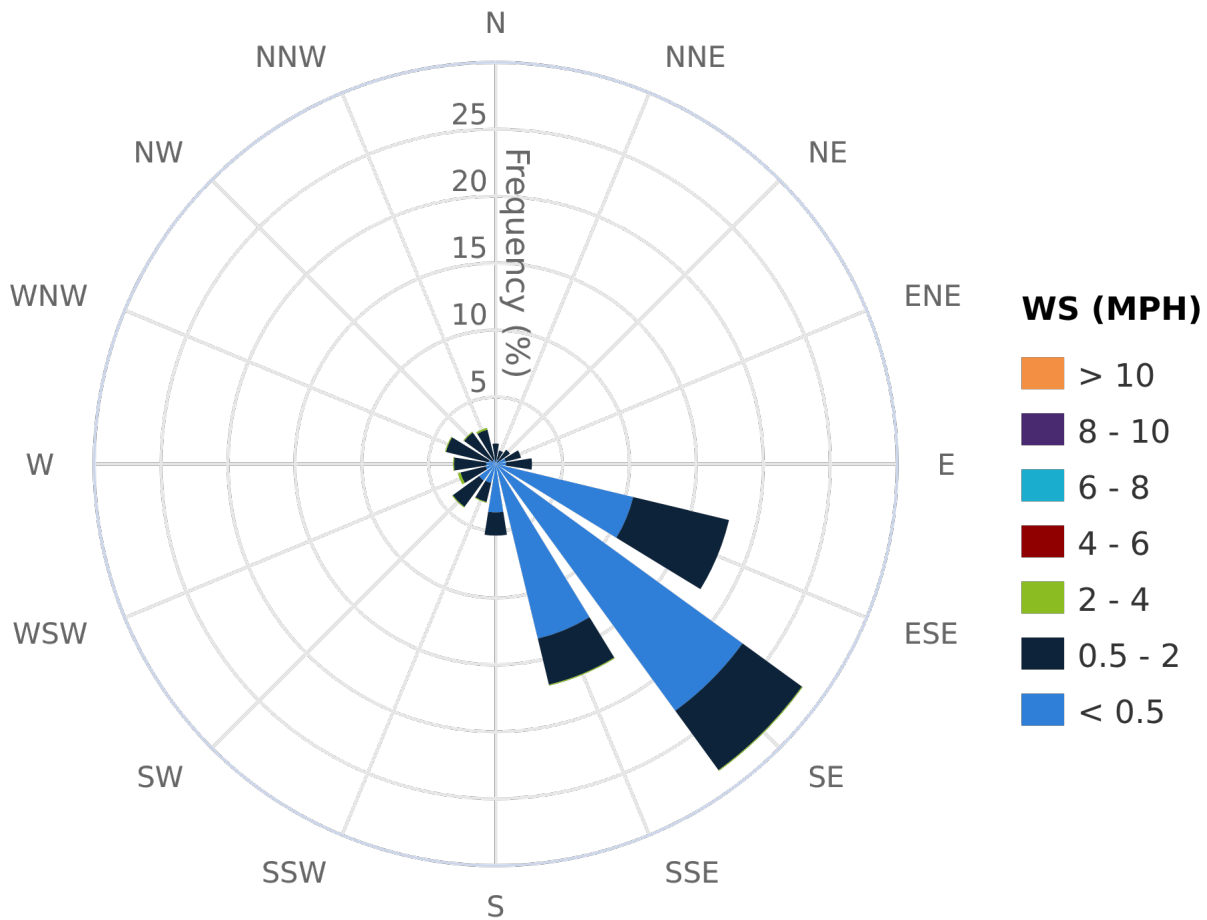


Figure 3 : Wind Rose Chart (WS in MPH)



# DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-06-28

Wind Rose Chart 2997

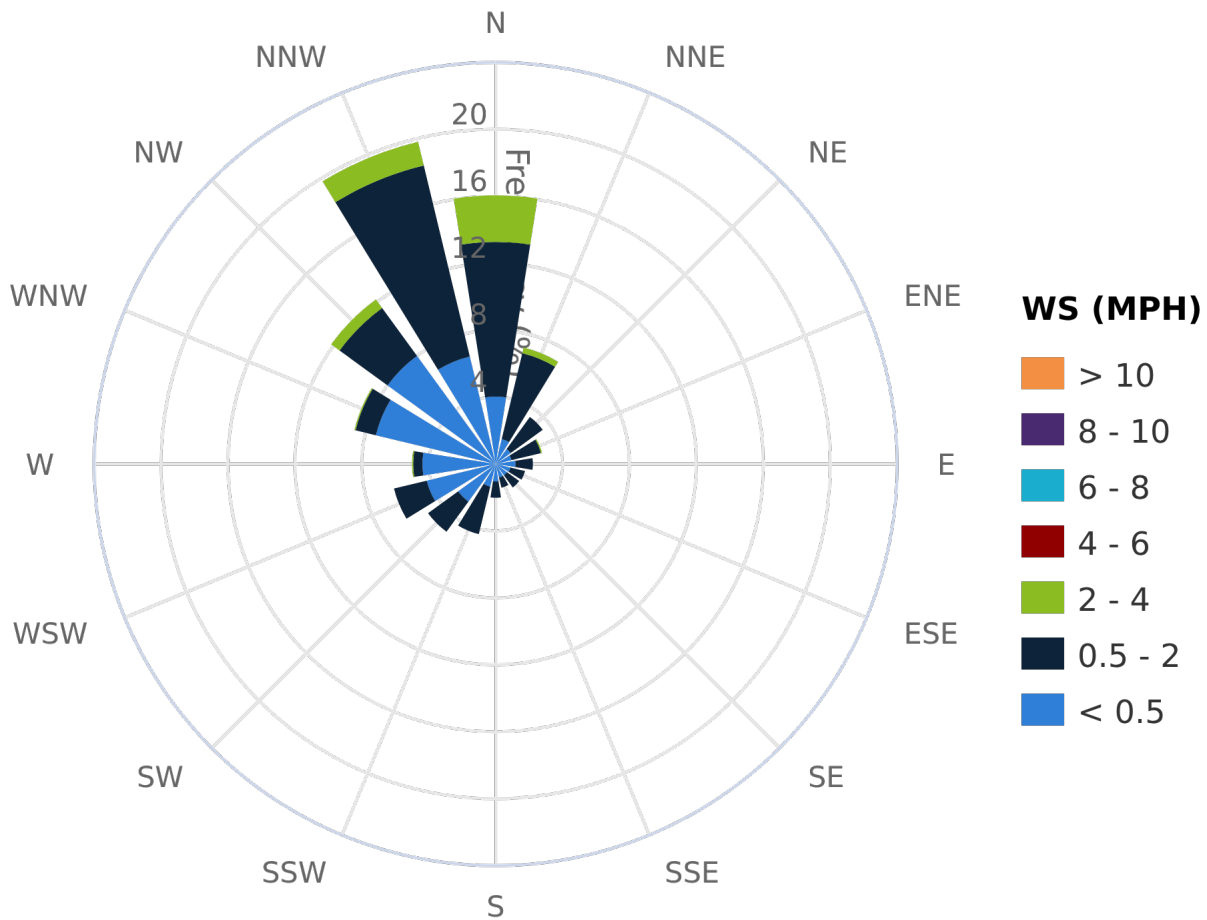


Figure 3 : Wind Rose Chart (WS in MPH)



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## Florence C&D Landfill – Air Monitoring

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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	15.5	13.1	24.9	16.8	7.9	5.8	8.3	7.7	0.023	0.001	0.026	0.000
00:15:00	13.0	14.2	22.6	15.8	6.4	5.9	8.7	7.3	0.020	0.000	0.020	0.000
00:30:00	14.7	13.4	26.4	13.7	6.6	5.9	7.4	7.8	0.015	0.000	0.019	0.000
00:45:00	13.9	14.2	21.9	13.3	6.5	5.9	6.7	7.1	0.011	0.000	0.020	0.000
01:00:00	14.2	13.9	20.9	16.6	6.4	5.8	7.7	7.0	0.006	0.000	0.015	0.000
01:15:00	23.5	14.4	18.3	21.0	11.8	5.9	10.7	6.8	0.004	0.000	0.008	0.000
01:30:00	55.7	15.3	17.4	21.1	41.2	6.1	12.6	6.8	0.002	0.000	0.006	0.000
01:45:00	41.8	15.1	17.8	18.8	26.8	6.3	10.9	6.9	0.000	0.000	0.007	0.000
02:00:00	32.4	16.3	19.4	18.1	20.0	7.1	10.2	7.0	0.000	0.000	0.009	0.000
02:15:00	21.5	17.8	20.7	14.6	11.4	7.7	7.7	7.2	0.000	0.000	0.006	0.000
02:30:00	33.7	17.7	20.2	15.4	22.4	8.1	7.9	7.2	0.000	0.000	0.004	0.000
02:45:00	23.8	16.2	22.3	14.8	14.2	7.3	7.7	7.3	0.000	0.000	0.005	0.000
03:00:00	18.4	16.4	22.6	15.8	9.3	7.4	7.8	7.1	0.000	0.000	0.007	0.000
03:15:00	17.6	17.4	23.2	15.1	8.8	8.2	7.3	7.1	0.000	0.000	0.007	0.000
03:30:00	31.2	17.3	22.8	17.3	20.6	8.3	7.3	7.4	0.000	0.000	0.004	0.000
03:45:00	36.3	17.7	24.2	16.5	24.1	7.8	7.1	7.2	0.000	0.000	0.007	0.000
04:00:00	18.9	17.8	24.5	16.6	10.4	7.6	7.2	7.2	0.000	0.000	0.007	0.000
04:15:00	17.8	17.9	28.7	16.5	9.4	7.1	7.5	7.8	0.000	0.000	0.003	0.000
04:30:00	21.0	17.7	28.2	19.1	9.0	6.8	10.0	8.2	0.000	0.000	0.000	0.000
04:45:00	21.1	15.2	28.5	23.7	8.2	6.2	13.9	8.3	0.000	0.000	0.000	0.000
05:00:00	19.4	15.6	31.4	23.2	8.0	6.5	12.5	8.4	0.000	0.000	0.000	0.000
05:15:00	27.2	16.4	27.1	20.2	13.2	7.0	11.0	8.0	0.000	0.000	0.000	0.000
05:30:00	27.3	17.5	24.5	18.2	12.6	7.5	9.9	7.7	0.000	0.000	0.000	0.000
05:45:00	53.7	17.8	21.8	19.0	35.1	7.8	10.3	7.6	0.000	0.000	0.000	0.000
06:00:00	56.9	17.4	20.0	17.5	38.9	7.8	9.1	7.6	0.000	0.000	0.000	0.000
06:15:00	33.1	17.2	22.9	18.0	16.4	8.0	9.1	7.5	0.000	0.000	0.000	0.000
06:30:00	33.1	16.5	22.0	17.4	17.7	7.7	8.9	7.8	0.000	0.000	0.000	0.000
06:45:00	71.2	16.1	20.0	17.6	49.4	7.7	8.7	7.7	0.000	0.000	0.000	0.000
07:00:00	102.9	16.5	22.4	18.0	77.0	7.9	8.6	7.8	0.000	0.000	0.000	0.000
07:15:00	103.4	16.9	21.5	17.2	78.2	8.0	8.5	7.6	0.000	0.000	0.000	0.000
07:30:00	53.6	17.4	20.8	16.1	38.9	8.1	8.5	8.3	0.000	0.000	0.000	0.000
07:45:00	34.9	18.0	21.3	16.4	20.4	8.5	8.8	8.5	0.000	0.000	0.000	0.000
08:00:00	23.3	18.4	22.4	18.0	13.1	8.7	9.5	9.2	0.000	0.000	0.000	0.000
08:15:00	29.4	19.0	23.1	18.8	17.6	8.9	9.9	9.7	0.000	0.000	0.000	0.000
08:30:00	31.8	19.6	22.2	21.0	18.3	9.2	10.1	10.0	0.000	0.000	0.000	0.000
08:45:00	38.6	20.4	21.9	22.7	22.1	9.3	10.4	10.2	0.000	0.000	0.000	0.000
09:00:00	37.5	22.3	21.7	23.1	22.3	10.0	10.7	10.0	0.000	0.000	0.000	0.000
09:15:00	38.2	22.5	22.7	23.4	23.4	10.2	10.9	11.0	0.000	0.000	0.000	0.000
09:30:00	28.6	22.2	22.6	23.2	15.1	10.1	11.0	10.7	0.000	0.000	0.000	0.000
09:45:00	25.3	21.8	22.1	22.9	11.6	10.1	10.8	10.7	0.000	0.000	0.000	0.000
10:00:00	26.3	21.7	22.1	22.6	12.8	10.1	10.8	10.6	0.002	0.000	0.000	0.000
10:15:00	24.4	21.5	21.7	22.0	11.5	10.1	10.5	10.3	0.002	0.000	0.000	0.004
10:30:00	24.4	20.8	22.0	21.8	11.7	9.8	10.5	10.3	0.000	0.000	0.000	0.016
10:45:00	61.1	19.6	21.5	22.2	15.2	9.4	10.7	10.4	0.000	0.000	0.000	0.017
11:00:00	30.5	21.4	21.8	22.2	16.2	10.4	10.8	10.6	0.000	0.000	0.000	0.018
11:15:00	30.1	20.5	22.1	21.9	15.2	10.1	10.8	10.6	0.000	0.000	0.000	0.016
11:30:00	25.0	20.5	21.3	22.5	11.1	10.2	11.0	10.4	0.000	0.000	0.000	0.020
11:45:00	34.6	21.0	21.8	22.4	13.9	10.4	11.1	10.6	0.000	0.000	0.000	0.012



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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	27.7	20.8	20.9	22.0	11.1	10.4	11.0	10.2	0.000	0.000	0.000	0.007
12:15:00	70.8	20.0	20.1	21.1	16.8	10.0	10.7	10.0	0.000	0.000	0.000	0.000
12:30:00	20.5	18.7	19.2	20.2	9.9	9.5	10.2	9.5	0.000	0.000	0.000	0.000
12:45:00	46.2	18.4	18.9	18.2	16.7	9.5	9.1	9.3	0.000	0.000	0.000	0.000
13:00:00	80.3	18.5	18.6	19.5	16.6	9.5	9.9	9.1	0.000	0.000	0.000	0.000
13:15:00	64.7	18.9	17.5	18.8	20.7	9.4	9.7	8.8	0.000	0.000	0.000	0.000
13:30:00	33.8	17.8	18.2	18.5	19.5	9.2	9.5	8.8	0.000	0.000	0.000	0.000
13:45:00	23.0	16.5	18.6	17.8	13.7	8.6	9.3	8.7	0.000	0.000	0.000	0.000
14:00:00	43.6	16.5	17.0	17.4	16.0	8.6	9.1	8.5	0.000	0.000	0.000	0.000
14:15:00	22.2	17.2	17.1	17.9	13.2	8.9	9.4	8.6	0.000	0.000	0.000	0.000
14:30:00	21.1	17.2	16.7	17.3	12.1	9.1	9.2	8.5	0.000	0.000	0.000	0.000
14:45:00	22.2	16.9	17.0	17.3	13.4	8.9	9.2	8.6	0.000	0.000	0.000	0.000
15:00:00	22.2	17.0	16.9	17.0	13.3	8.9	9.1	8.5	0.000	0.000	0.000	0.000
15:15:00	50.1	16.9	16.9	17.4	40.2	8.9	9.3	8.6	0.000	0.000	0.000	0.000
15:30:00	29.0	17.0	17.4	16.9	15.8	9.0	9.1	8.8	0.000	0.000	0.000	0.000
15:45:00	19.2	16.4	16.1	16.9	10.7	8.8	9.1	8.5	0.000	0.000	0.000	0.000
16:00:00	19.0	16.3	17.5	17.0	9.9	8.7	9.3	8.8	0.000	0.000	0.000	0.000
16:15:00	19.6	16.8	17.3	17.2	10.5	8.9	9.3	8.8	0.000	0.000	0.000	0.000
16:30:00	21.9	16.8	16.9	16.6	11.8	8.9	9.0	8.6	0.000	0.000	0.000	0.000
16:45:00	20.9	16.8	16.7	17.5	10.0	9.0	9.3	8.7	0.000	0.000	0.000	0.000
17:00:00	90.2	26.8	23.0	21.3	42.5	11.5	10.0	10.4	0.002	0.000	0.000	0.000
17:15:00	40.8	35.4	40.8	31.2	19.2	15.2	14.8	16.1	0.074	0.013	0.000	0.012
17:30:00	56.0	27.4	33.7	28.8	38.1	12.5	14.5	14.5	0.150	0.018	0.017	0.027
17:45:00	28.3	26.8	29.2	27.1	12.8	12.4	15.4	14.6	0.154	0.019	0.071	0.014
18:00:00	26.7	24.0	28.6	23.2	12.2	11.9	12.7	14.5	0.126	0.018	0.071	0.000
18:15:00	23.4	20.7	27.9	21.0	11.4	10.5	11.7	16.2	0.089	0.013	0.068	0.000
18:30:00	22.4	19.6	30.3	20.3	10.8	9.6	11.0	18.3	0.055	0.009	0.057	0.000
18:45:00	23.6	19.5	29.0	19.3	12.2	9.1	10.4	18.6	0.043	0.007	0.045	0.000
19:00:00	24.3	19.9	28.3	19.5	12.3	9.4	10.2	16.5	0.014	0.004	0.036	0.000
19:15:00	27.7	19.8	32.6	19.7	16.2	9.2	10.3	15.7	0.000	0.002	0.022	0.000
19:30:00	24.3	20.7	27.3	25.8	10.7	9.8	15.9	12.3	0.000	0.000	0.015	0.000
19:45:00	23.0	20.9	22.7	22.5	10.6	9.9	12.9	10.8	0.000	0.000	0.008	0.000
20:00:00	21.6	21.2	23.2	19.6	10.4	9.9	10.2	11.0	0.000	0.000	0.002	0.000
20:15:00	20.8	22.2	24.9	19.3	10.2	9.6	10.0	10.8	0.000	0.000	0.001	0.000
20:30:00	19.8	22.4	27.1	19.3	9.5	9.6	10.1	10.3	0.000	0.000	0.001	0.000
20:45:00	21.9	22.5	23.8	18.1	9.4	9.3	9.4	10.7	0.000	0.000	0.000	0.000
21:00:00	25.6	21.7	22.1	16.7	9.3	8.8	8.9	9.9	0.000	0.000	0.000	0.000
21:15:00	19.8	21.2	25.8	17.2	8.5	8.4	8.4	9.4	0.000	0.000	0.000	0.000
21:30:00	24.0	22.8	26.0	17.7	8.3	8.1	8.1	9.1	0.000	0.000	0.000	0.000
21:45:00	25.8	18.5	33.0	17.2	9.2	6.9	7.7	9.0	0.000	0.000	0.000	0.000
22:00:00	33.7	22.9	33.7	16.8	13.2	6.5	7.3	9.0	0.000	0.000	0.000	0.000
22:15:00	39.7	20.5	29.9	18.3	19.6	6.2	7.3	8.9	0.000	0.000	0.000	0.000
22:30:00	33.9	26.2	44.3	21.9	11.4	6.4	7.3	9.6	0.000	0.000	0.000	0.000
22:45:00	35.2	39.9	53.6	24.7	12.2	7.1	7.5	10.2	0.000	0.000	0.000	0.000
23:00:00	42.2	36.1	44.5	21.6	14.9	6.9	7.9	10.6	0.000	0.000	0.000	0.000
23:15:00	48.0	37.1	55.8	23.7	22.2	7.2	7.4	10.7	0.000	0.000	0.000	0.000
23:30:00	63.3	41.2	63.4	26.4	30.3	7.4	7.4	10.5	0.000	0.000	0.000	0.000
23:45:00	58.4	59.6	62.9	30.4	27.1	8.3	8.3	11.5	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 (µg/m³)	Avg. 3061 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2997 - 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)
01:30:00					41.2							
05:45:00					35.1							
06:00:00					38.9							
06:45:00					49.4							
07:00:00					77.0							
07:15:00					78.2							
07:30:00					38.9							
15:15:00					40.2							
17:00:00					42.5							
17:30:00					38.1							