



# DAILY AIR MONITORING REPORT

## Florence C&D Landfill – Air Monitoring

Date : 2026-05-11

**Table 1 : Weather Summary**

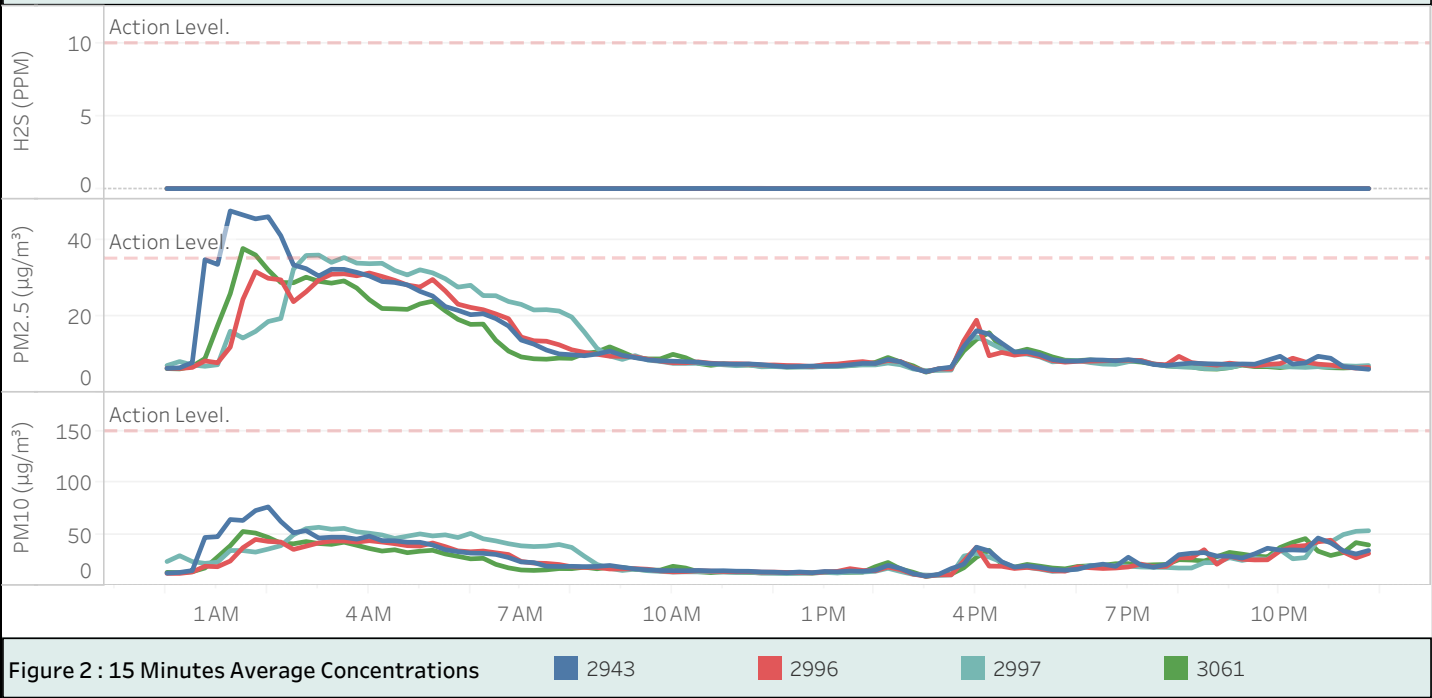
Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.20 to 20.85	2943 SSE	3061 WSW	2996 SE	2997 NE	Min : 69.80 Max : 97.70	Min : 51.10 Max : 95.20	Min : 29.87 Max : 30.17

**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	27.7	76.4	14.5	47.8	0.000	0.010
2996	24.2	44.9	12.9	31.8	0.000	0.001
2997	27.7	56.6	13.5	36.2	0.002	0.019
3061	24.0	52.6	12.3	37.9	0.000	0.002



**Figure 1 : Monitoring Locations**





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Wind Rose Chart 2943

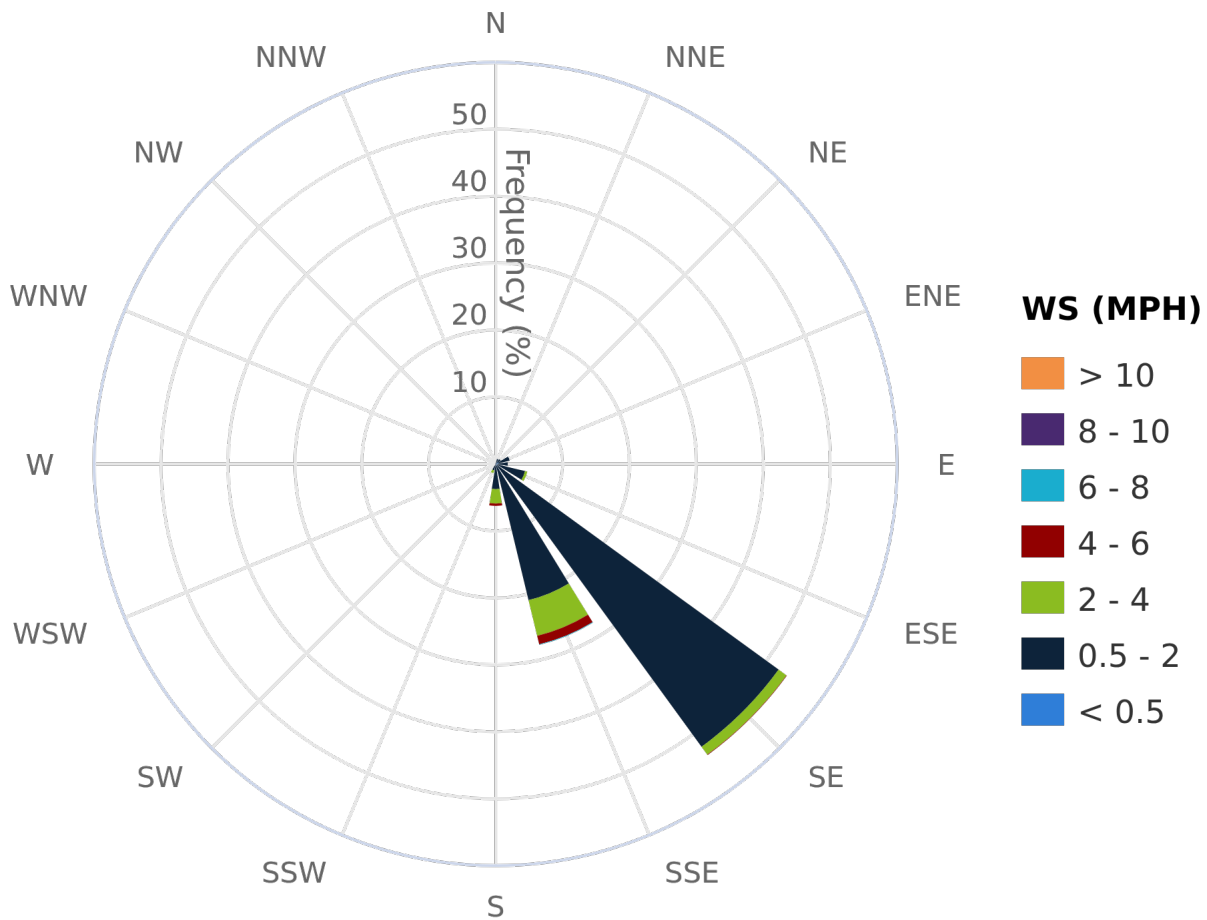


Figure 3 : Wind Rose Chart (WS in MPH)



# DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-05-11

Wind Rose Chart 3061

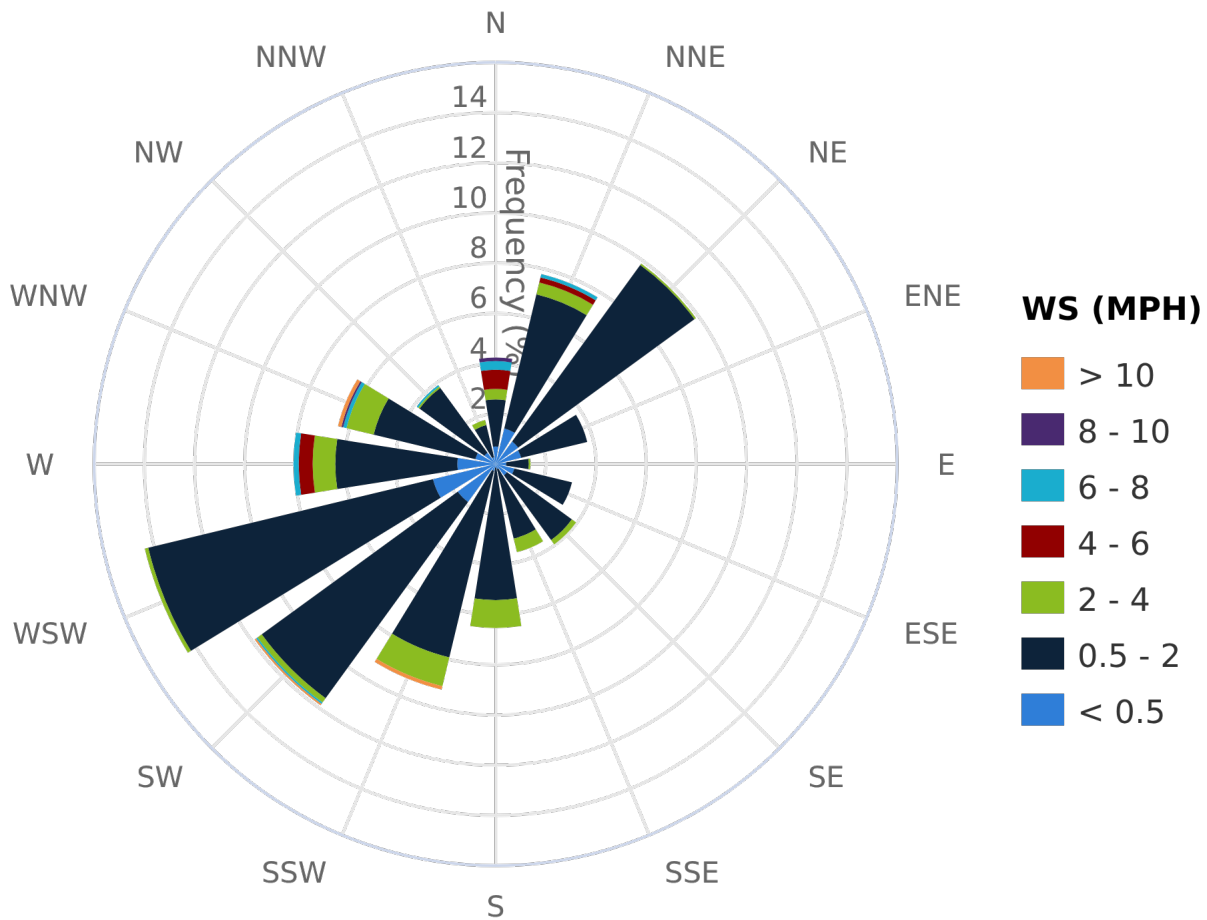


Figure 3 : Wind Rose Chart (WS in MPH)



# DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-05-11

Wind Rose Chart 2996

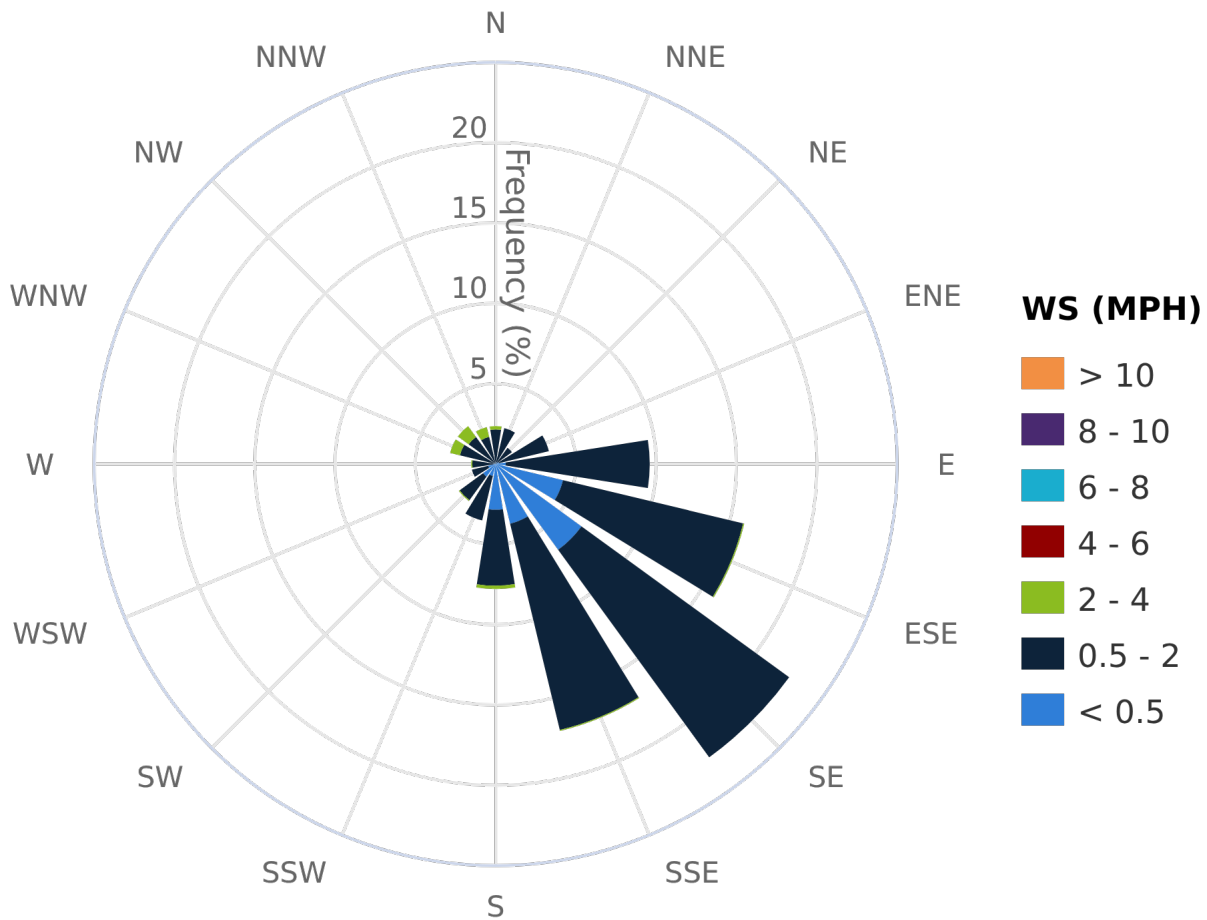


Figure 3 : Wind Rose Chart (WS in MPH)



# DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-05-11

Wind Rose Chart 2997

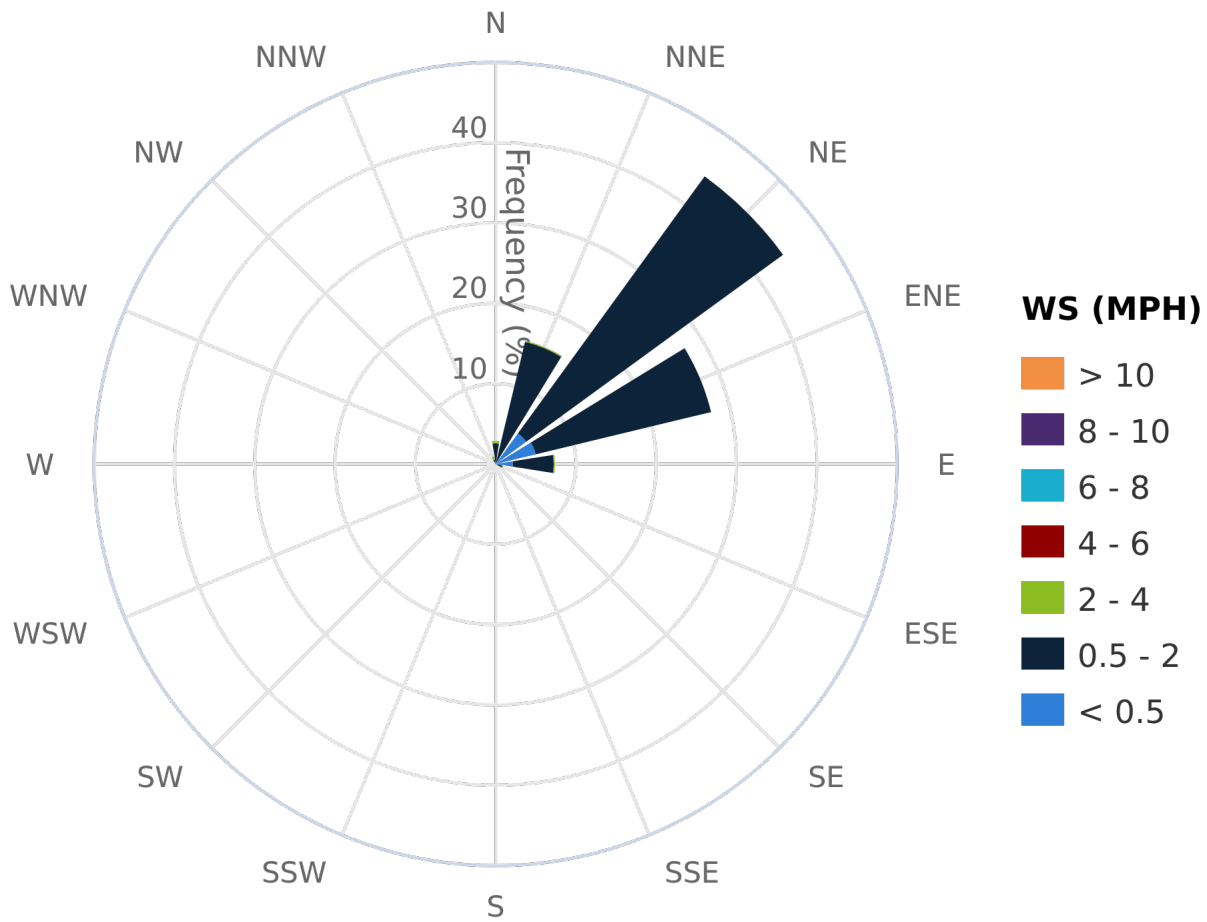


Figure 3 : Wind Rose Chart (WS in MPH)



# DAILY AIR MONITORING REPORT

## Florence C&D Landfill – Air Monitoring

Date : 2026-05-11

**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	12.2	13.0	23.5	12.0	6.4	6.3	6.4	7.1	0.000	0.000	0.000	0.000
00:15:00	12.9	12.7	29.1	12.0	6.5	6.2	6.3	8.2	0.000	0.000	0.000	0.000
00:30:00	14.7	13.6	23.4	13.4	7.9	6.9	6.6	7.3	0.000	0.000	0.000	0.000
00:45:00	46.8	17.2	21.7	18.9	35.0	9.0	8.4	6.9	0.000	0.000	0.000	0.000
01:00:00	47.5	27.9	22.9	18.5	33.7	17.6	7.9	7.3	0.000	0.000	0.000	0.000
01:15:00	64.1	38.7	34.2	23.9	47.8	26.0	12.0	16.2	0.000	0.000	0.000	0.000
01:30:00	63.2	52.6	34.1	36.8	46.8	37.9	24.5	14.4	0.000	0.000	0.000	0.000
01:45:00	72.8	51.0	32.6	44.9	45.7	36.2	31.8	16.1	0.000	0.000	0.000	0.000
02:00:00	76.4	46.8	35.5	42.9	46.3	32.3	30.1	18.7	0.000	0.000	0.000	0.000
02:15:00	62.3	41.2	38.8	42.3	41.3	29.0	29.7	19.5	0.000	0.000	0.000	0.000
02:30:00	51.3	40.7	49.4	35.2	33.6	28.9	23.9	32.5	0.000	0.000	0.000	0.000
02:45:00	53.4	42.8	55.3	38.3	32.6	30.4	26.6	36.1	0.000	0.000	0.000	0.000
03:00:00	46.2	40.9	56.6	41.5	30.7	29.3	29.6	36.2	0.000	0.000	0.000	0.000
03:15:00	47.0	40.1	54.8	43.3	32.5	28.8	31.2	34.3	0.000	0.000	0.000	0.000
03:30:00	47.0	42.2	55.6	43.4	32.4	29.4	31.3	35.6	0.000	0.000	0.000	0.000
03:45:00	45.2	39.2	52.3	42.4	31.6	27.5	30.8	34.1	0.000	0.000	0.000	0.000
04:00:00	48.0	36.1	50.9	43.6	30.7	24.5	31.5	33.9	0.000	0.000	0.000	0.000
04:15:00	43.7	33.6	49.2	42.3	29.2	22.1	30.6	34.0	0.000	0.000	0.000	0.000
04:30:00	43.6	34.8	45.9	40.7	29.0	22.1	29.6	32.1	0.000	0.000	0.000	0.000
04:45:00	42.2	32.0	48.0	38.8	28.4	21.9	28.3	31.0	0.000	0.000	0.000	0.000
05:00:00	42.1	33.5	50.2	38.5	26.7	23.3	27.8	32.3	0.000	0.000	0.000	0.000
05:15:00	39.5	34.4	48.3	41.4	25.4	24.1	29.8	31.5	0.000	0.000	0.000	0.000
05:30:00	34.9	30.8	49.3	37.9	22.7	21.5	26.8	30.0	0.000	0.000	0.000	0.000
05:45:00	33.0	28.5	46.7	33.8	21.7	19.3	23.3	27.8	0.000	0.000	0.000	0.000
06:00:00	31.6	26.1	50.7	32.9	20.5	18.0	22.4	28.2	0.000	0.000	0.000	0.000
06:15:00	31.4	26.6	45.5	33.7	20.8	18.0	21.8	25.5	0.000	0.000	0.000	0.000
06:30:00	30.3	20.7	43.4	31.9	19.5	13.8	20.7	25.5	0.000	0.002	0.000	0.000
06:45:00	27.4	17.3	40.7	30.2	17.5	10.9	19.5	24.0	0.000	0.002	0.000	0.000
07:00:00	23.1	15.3	38.7	23.6	13.8	9.4	14.6	23.2	0.000	0.001	0.000	0.000
07:15:00	22.4	14.9	38.0	22.0	12.8	8.9	13.7	21.8	0.000	0.001	0.000	0.000
07:30:00	18.9	15.4	38.4	21.7	11.2	8.8	13.5	21.8	0.000	0.001	0.000	0.000
07:45:00	18.7	16.6	40.0	20.6	10.2	9.1	12.6	21.5	0.000	0.000	0.000	0.000
08:00:00	18.8	16.6	37.1	18.4	10.0	9.0	11.3	19.9	0.000	0.000	0.000	0.000
08:15:00	18.5	18.0	28.6	17.7	9.7	10.3	10.6	15.9	0.000	0.000	0.000	0.000
08:30:00	18.8	16.5	20.6	17.8	10.2	10.7	10.1	11.6	0.000	0.000	0.000	0.000
08:45:00	19.7	18.1	16.9	16.2	10.9	12.1	9.6	9.7	0.000	0.000	0.000	0.000
09:00:00	17.9	17.8	14.8	16.3	9.8	10.7	9.6	8.7	0.000	0.000	0.000	0.000
09:15:00	16.3	15.9	16.1	16.6	9.2	9.3	9.4	9.7	0.000	0.000	0.000	0.000
09:30:00	15.3	15.1	14.6	16.0	8.6	8.9	8.8	8.6	0.000	0.000	0.000	0.000
09:45:00	14.8	15.2	13.9	14.4	8.4	8.9	8.3	8.2	0.000	0.000	0.000	0.000
10:00:00	14.7	18.9	13.3	13.5	8.3	10.1	7.9	7.7	0.001	0.000	0.000	0.000
10:15:00	14.6	17.2	13.5	13.8	8.2	9.2	7.9	7.7	0.004	0.000	0.000	0.009
10:30:00	14.9	13.6	13.4	14.5	8.0	7.7	8.1	7.7	0.009	0.000	0.000	0.014
10:45:00	14.4	12.7	13.6	14.2	7.6	7.2	7.7	7.6	0.010	0.000	0.000	0.016
11:00:00	14.6	13.6	13.3	13.8	7.6	7.6	7.6	7.3	0.010	0.000	0.000	0.018
11:15:00	14.1	13.1	12.9	13.6	7.5	7.3	7.6	7.1	0.008	0.000	0.000	0.018
11:30:00	14.1	12.9	13.2	13.7	7.6	7.3	7.5	7.3	0.001	0.000	0.000	0.018
11:45:00	13.4	12.4	12.3	13.2	7.4	7.0	7.3	6.8	0.000	0.000	0.000	0.019



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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	13.2	12.5	12.1	13.2	7.0	7.0	7.3	6.9	0.000	0.000	0.000	0.012
12:15:00	12.6	12.2	11.9	12.9	6.8	6.7	7.1	6.7	0.000	0.000	0.000	0.006
12:30:00	13.3	12.5	12.1	12.8	6.9	6.8	7.1	6.7	0.000	0.000	0.000	0.006
12:45:00	12.7	12.2	12.4	12.5	7.0	6.9	6.9	6.7	0.000	0.000	0.000	0.003
13:00:00	13.8	13.1	12.9	13.5	7.0	7.1	7.4	6.9	0.000	0.000	0.000	0.000
13:15:00	13.5	12.6	12.4	13.9	7.0	6.9	7.5	6.9	0.000	0.000	0.000	0.000
13:30:00	14.3	13.0	13.3	16.6	7.3	7.1	7.9	7.1	0.000	0.000	0.000	0.000
13:45:00	14.0	13.2	13.3	14.8	7.7	7.5	8.2	7.3	0.000	0.000	0.000	0.000
14:00:00	15.1	18.4	14.0	14.5	7.7	8.0	7.7	7.3	0.000	0.000	0.000	0.000
14:15:00	19.8	22.6	16.9	18.1	8.7	9.3	8.5	7.8	0.000	0.000	0.000	0.000
14:30:00	16.8	16.3	13.8	15.6	8.1	8.1	8.2	7.3	0.000	0.000	0.000	0.000
14:45:00	11.7	13.0	11.0	11.3	6.4	7.0	6.6	6.2	0.000	0.000	0.000	0.001
15:00:00	9.4	9.0	10.4	9.2	5.5	5.4	5.5	5.8	0.000	0.000	0.000	0.003
15:15:00	11.0	10.7	10.0	10.6	6.3	6.2	6.3	5.8	0.000	0.000	0.000	0.000
15:30:00	16.6	11.3	10.5	10.6	6.7	6.5	6.2	5.9	0.000	0.000	0.000	0.001
15:45:00	20.8	17.5	28.8	24.1	12.2	11.0	13.7	13.5	0.000	0.000	0.000	0.001
16:00:00	37.3	27.7	31.3	37.3	16.3	14.0	19.1	14.7	0.000	0.000	0.000	0.001
16:15:00	33.7	34.4	27.8	19.0	15.4	15.8	9.7	13.2	0.001	0.000	0.001	0.001
16:30:00	23.2	20.6	22.9	18.9	13.0	11.4	10.6	11.5	0.000	0.000	0.000	0.000
16:45:00	18.1	18.0	18.0	16.7	10.7	10.6	9.9	10.3	0.000	0.000	0.000	0.000
17:00:00	19.3	20.7	17.9	17.8	10.8	11.4	10.3	10.1	0.000	0.000	0.000	0.000
17:15:00	17.7	19.0	16.1	16.5	10.0	10.6	9.5	9.4	0.000	0.000	0.000	0.000
17:30:00	15.5	17.2	13.9	14.5	8.7	9.4	8.4	8.1	0.000	0.000	0.000	0.000
17:45:00	15.0	16.4	14.9	14.1	8.3	8.5	8.0	8.3	0.000	0.000	0.000	0.000
18:00:00	16.0	18.7	16.5	18.3	8.3	8.4	8.2	8.4	0.000	0.000	0.000	0.000
18:15:00	19.2	19.4	19.8	17.5	8.6	8.6	8.3	7.9	0.000	0.000	0.000	0.000
18:30:00	20.9	19.8	19.3	16.7	8.6	8.4	8.4	7.5	0.000	0.000	0.000	0.000
18:45:00	18.8	21.3	19.3	17.2	8.4	8.4	8.4	7.4	0.000	0.000	0.000	0.000
19:00:00	27.6	21.4	18.9	18.2	8.7	8.3	8.5	8.1	0.000	0.000	0.000	0.000
19:15:00	20.0	19.8	18.2	21.0	8.2	8.0	8.5	8.5	0.000	0.000	0.000	0.000
19:30:00	18.0	20.3	17.9	18.4	7.4	7.5	7.5	7.6	0.000	0.000	0.000	0.000
19:45:00	20.6	20.6	17.8	18.7	7.1	7.0	7.3	7.1	0.000	0.000	0.000	0.000
20:00:00	30.1	25.3	17.2	27.2	7.5	6.9	9.5	6.8	0.000	0.000	0.000	0.000
20:15:00	31.5	24.9	17.2	27.1	7.8	6.8	7.9	6.7	0.000	0.000	0.000	0.000
20:30:00	32.1	24.0	22.3	34.9	7.6	6.3	7.5	6.3	0.000	0.000	0.000	0.000
20:45:00	28.8	28.2	22.4	20.8	7.5	6.2	7.2	6.3	0.000	0.000	0.000	0.000
21:00:00	28.6	32.3	27.2	28.7	7.4	6.6	7.8	6.6	0.000	0.000	0.000	0.000
21:15:00	26.9	30.6	24.5	25.7	7.5	7.2	7.4	7.3	0.000	0.000	0.000	0.000
21:30:00	30.9	28.8	26.6	25.0	7.5	6.8	7.0	7.2	0.000	0.000	0.000	0.000
21:45:00	36.3	28.0	25.6	25.1	8.5	6.8	7.4	7.1	0.000	0.000	0.000	0.000
22:00:00	34.6	37.1	34.9	33.8	9.6	6.6	7.6	6.9	0.000	0.000	0.000	0.000
22:15:00	34.7	42.0	26.1	38.0	7.5	6.9	9.1	6.8	0.000	0.000	0.000	0.000
22:30:00	34.3	45.7	27.2	38.9	7.8	7.3	8.1	6.6	0.000	0.000	0.000	0.000
22:45:00	46.2	33.5	44.2	42.6	9.6	6.8	7.5	6.8	0.000	0.000	0.000	0.000
23:00:00	41.6	29.3	42.4	44.1	9.0	6.6	7.3	6.7	0.000	0.000	0.000	0.000
23:15:00	33.8	32.2	49.6	32.7	6.9	6.5	6.8	7.1	0.000	0.000	0.000	0.000
23:30:00	30.7	41.8	52.7	27.0	6.5	6.6	6.5	7.0	0.000	0.000	0.000	0.000
23:45:00	34.1	39.5	53.3	31.3	6.1	6.3	6.6	7.1	0.000	0.000	0.000	0.000



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Date : 2026-05-11

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)
01:15:00					47.8							
01:30:00					46.8	37.9						
01:45:00					45.7	36.2						
02:00:00					46.3							
02:15:00					41.3							
02:45:00									36.1			
03:00:00									36.2			
03:30:00									35.6			