



# DAILY AIR MONITORING REPORT

## Florence C&D Landfill – Air Monitoring

Date : 2026-05-09

**Table 1 : Weather Summary**

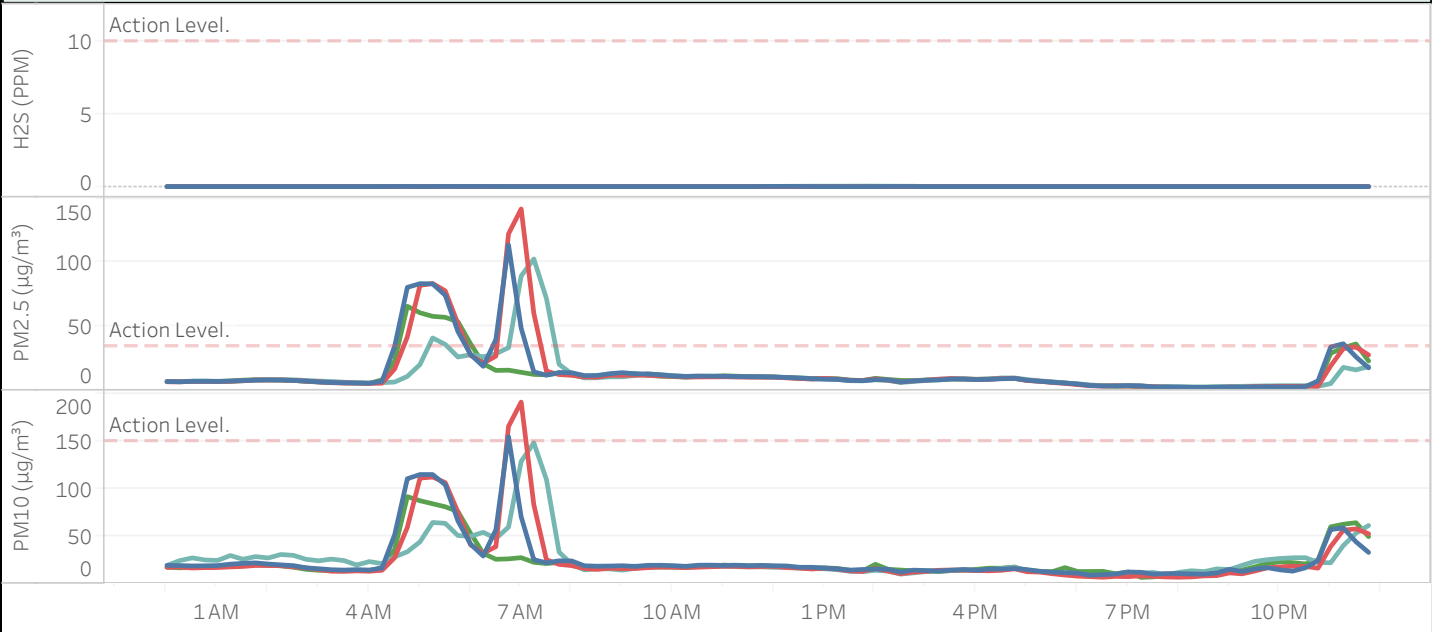
Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.089 to 5.234	2943 SE	3061 WNW	2996 S	2997 NNE	Min : 66.38 Max : 88.34	Min : 61.20 Max : 90.90	Min : 29.78 Max : 30.11

**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	25.4	154.8	14.6	113.7	0.002	0.019
2996	25.2	191.2	15.4	141.9	0.000	0.000
2997	25.9	148.2	12.4	102.8	0.004	0.033
3061	22.6	91.7	12.3	65.9	0.000	0.001



**Figure 1 : Monitoring Locations**



**Figure 2 : 15 Minutes Average Concentrations**

■ 2943      ■ 2996      ■ 2997      ■ 3061



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Wind Rose Chart 2943

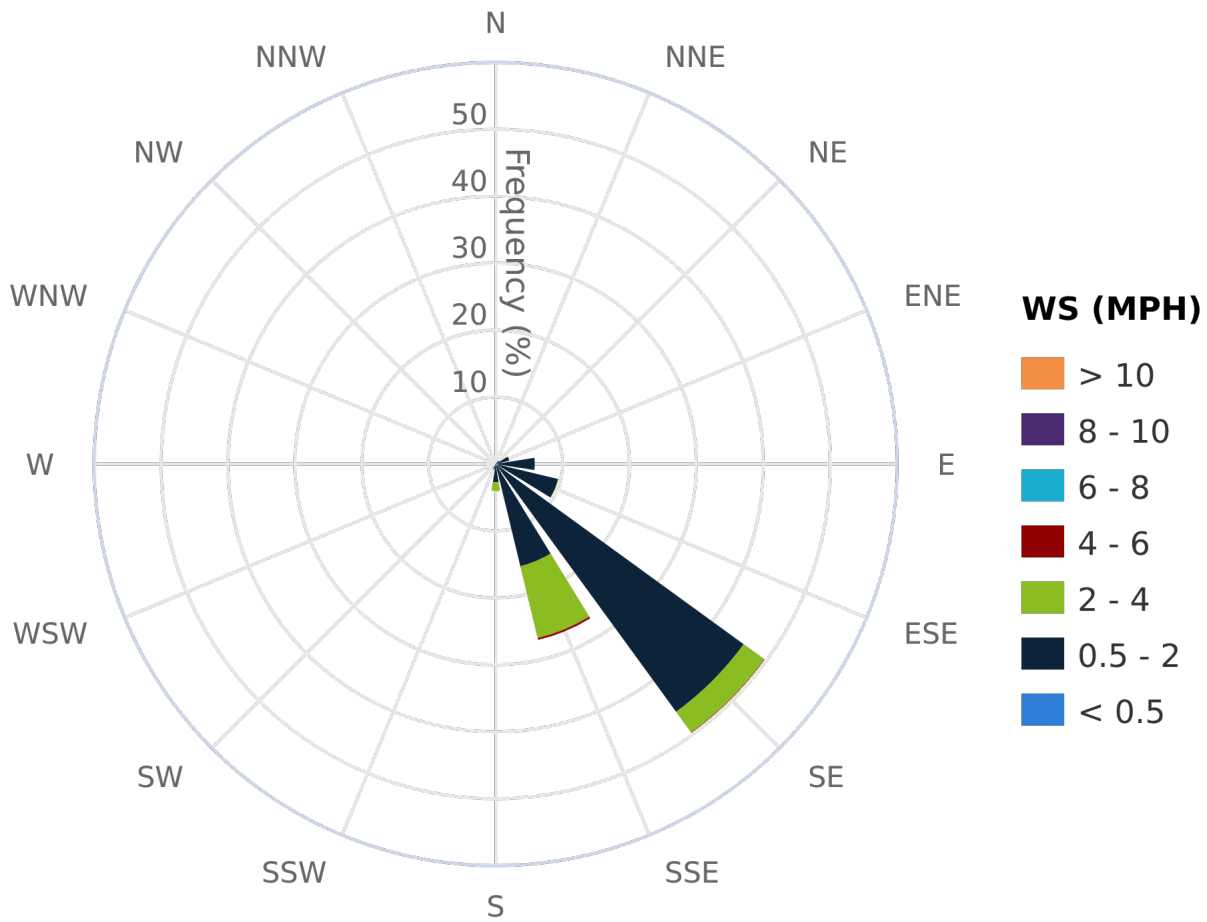


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

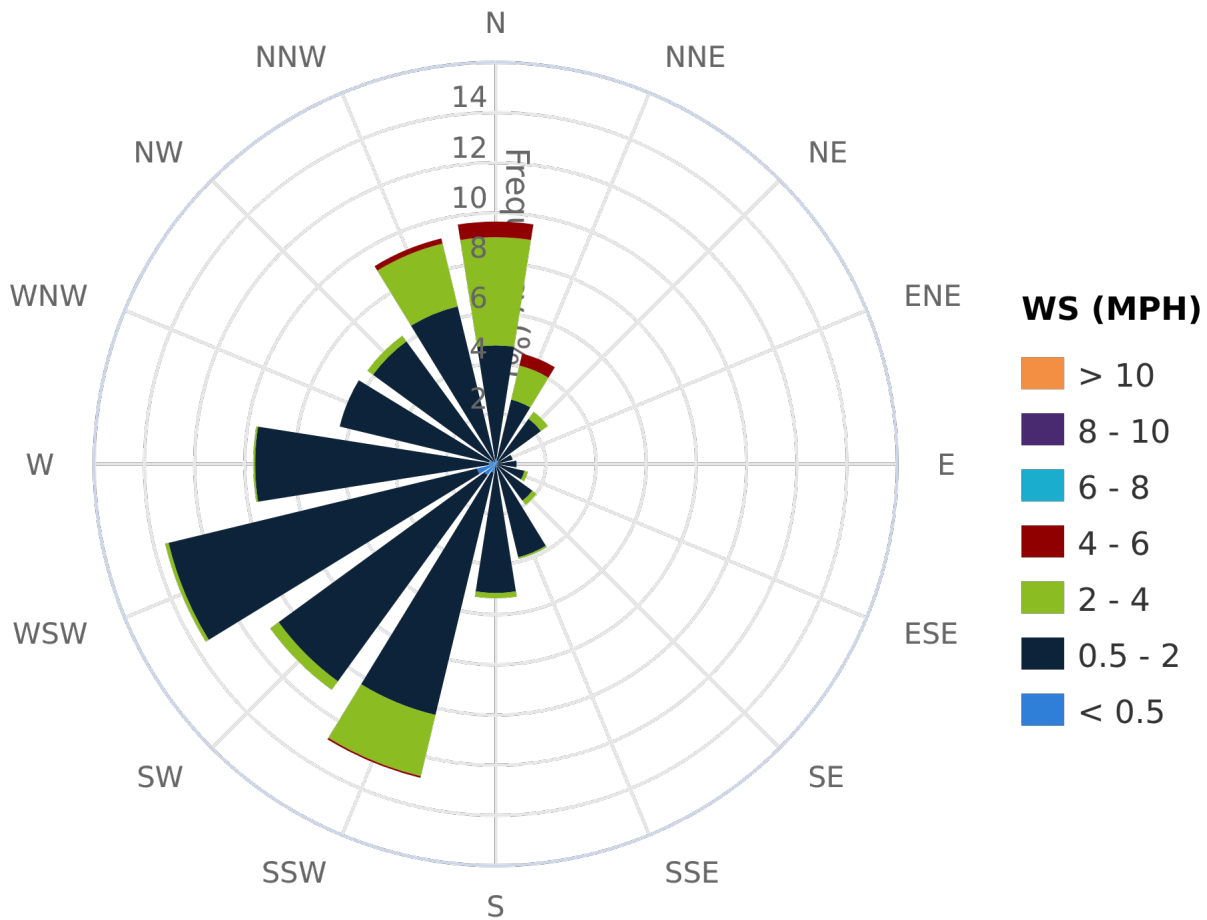


Figure 3 : Wind Rose Chart (WS in MPH)



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Florence C&D Landfill – Air Monitoring

Date : 2026-05-09

Wind Rose Chart 2996

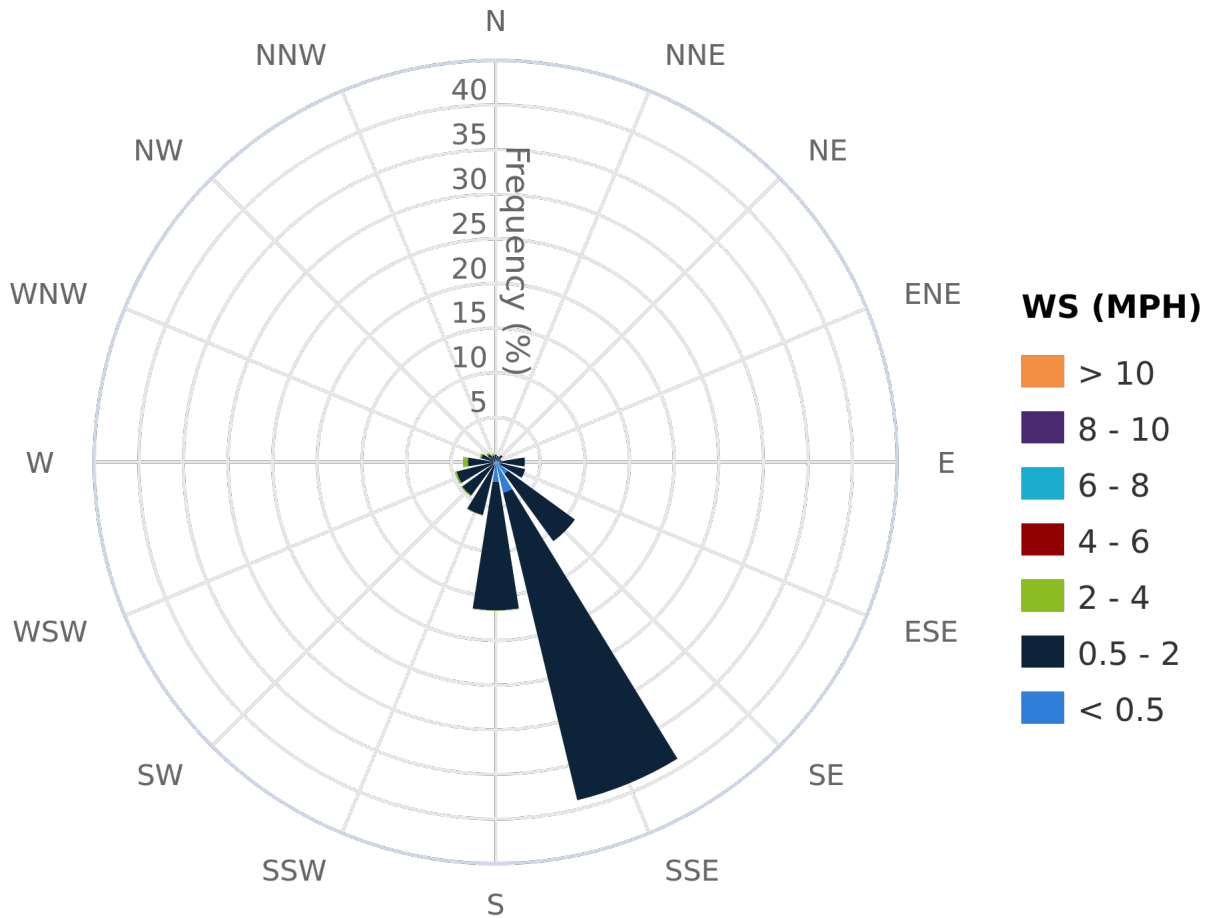


Figure 3 : Wind Rose Chart (WS in MPH)



# DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-05-09

Wind Rose Chart 2997

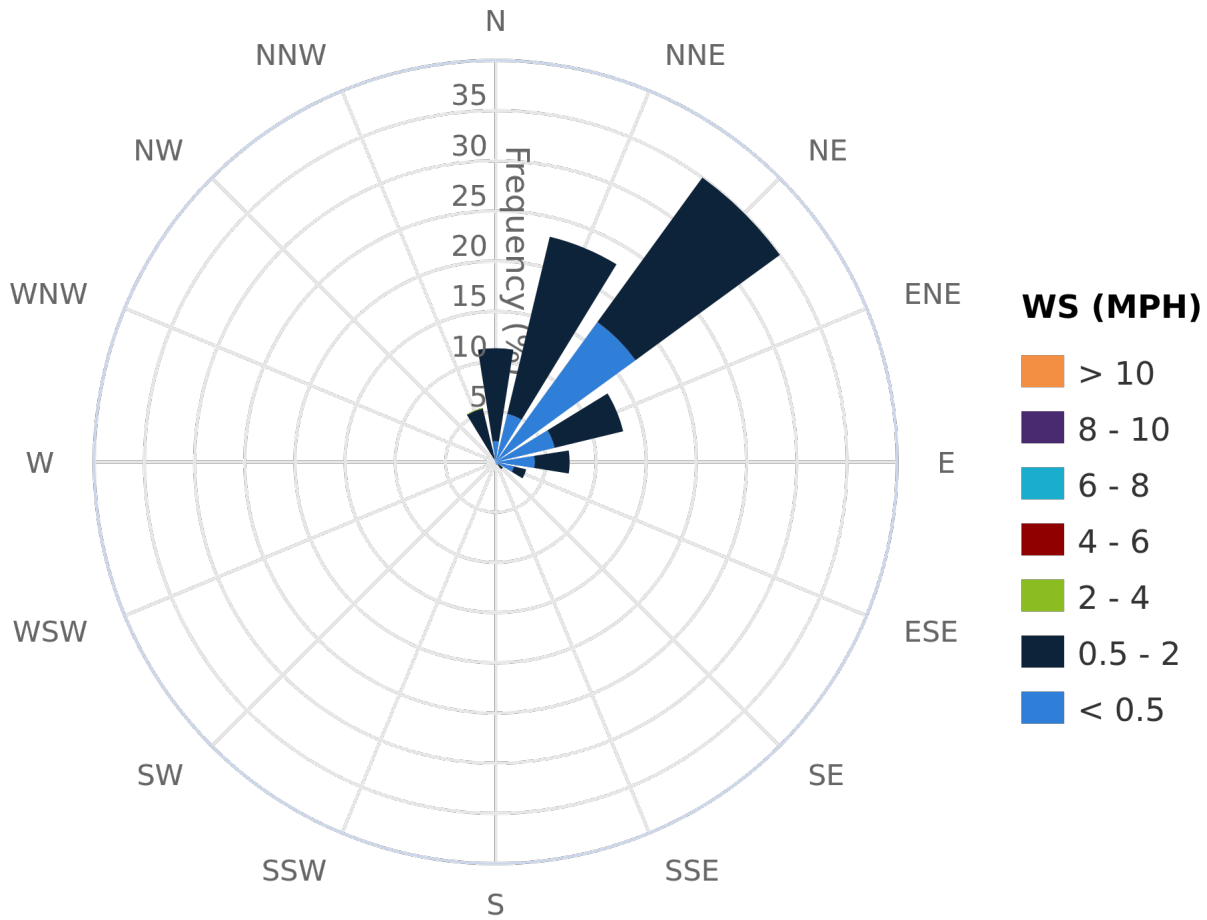


Figure 3 : Wind Rose Chart (WS in MPH)



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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	19.3	17.4	19.3	17.3	7.1	7.2	6.9	7.0	0.000	0.000	0.000	0.000
00:15:00	19.2	16.8	24.3	17.6	6.9	7.0	6.8	7.2	0.000	0.000	0.000	0.000
00:30:00	18.8	17.1	27.2	16.6	7.3	7.3	7.3	7.4	0.000	0.000	0.000	0.000
00:45:00	18.9	17.5	25.0	17.0	7.3	7.3	7.2	7.5	0.000	0.000	0.000	0.000
01:00:00	19.1	17.9	24.5	17.1	7.2	7.2	7.1	7.3	0.000	0.000	0.000	0.000
01:15:00	20.6	18.2	29.7	17.7	7.5	7.5	7.3	7.4	0.000	0.000	0.000	0.000
01:30:00	21.5	19.8	25.8	18.2	7.9	8.2	7.7	7.7	0.000	0.000	0.000	0.000
01:45:00	22.0	20.0	28.6	19.3	8.2	8.5	8.3	8.3	0.000	0.000	0.000	0.000
02:00:00	20.8	19.7	27.2	19.2	8.3	8.5	8.2	8.6	0.000	0.000	0.000	0.000
02:15:00	19.9	18.9	30.8	19.0	8.2	8.3	8.4	8.6	0.000	0.000	0.000	0.000
02:30:00	19.1	17.4	29.9	17.9	8.0	8.0	7.9	8.5	0.000	0.000	0.000	0.000
02:45:00	16.8	15.2	25.7	16.7	7.4	7.3	7.4	8.0	0.000	0.000	0.000	0.000
03:00:00	15.8	14.2	24.2	14.9	6.8	6.7	6.9	7.5	0.000	0.000	0.000	0.000
03:15:00	14.8	13.9	25.9	13.2	6.3	6.3	6.2	7.2	0.000	0.000	0.000	0.000
03:30:00	14.4	13.7	24.4	13.0	6.1	6.1	6.0	6.6	0.000	0.000	0.000	0.000
03:45:00	14.9	14.0	19.7	13.5	6.0	5.9	5.9	6.1	0.000	0.000	0.000	0.000
04:00:00	14.4	13.7	23.3	13.2	5.8	5.8	5.6	6.0	0.002	0.000	0.000	0.000
04:15:00	16.6	16.9	21.2	14.2	7.2	8.4	5.8	6.2	0.006	0.000	0.000	0.000
04:30:00	51.7	36.2	28.3	27.5	34.8	23.3	17.0	6.7	0.008	0.000	0.000	0.000
04:45:00	110.5	91.7	33.7	59.3	80.7	65.9	42.0	11.1	0.011	0.000	0.000	0.000
05:00:00	115.0	87.4	44.1	111.2	83.6	60.8	82.2	20.4	0.004	0.000	0.000	0.000
05:15:00	115.0	84.2	64.5	112.3	83.4	58.0	83.7	41.2	0.008	0.000	0.000	0.001
05:30:00	104.2	81.0	63.6	106.5	74.4	57.3	77.9	36.1	0.011	0.000	0.000	0.000
05:45:00	66.1	76.0	50.7	75.5	46.2	53.8	52.3	26.2	0.009	0.000	0.000	0.001
06:00:00	41.7	53.1	49.9	41.0	28.3	36.6	27.6	28.0	0.009	0.000	0.000	0.003
06:15:00	29.2	32.0	54.2	32.2	19.0	21.1	21.4	26.4	0.008	0.000	0.000	0.002
06:30:00	56.8	25.8	47.7	39.0	40.0	15.8	27.0	28.9	0.007	0.000	0.000	0.001
06:45:00	154.8	26.2	59.6	165.6	113.7	16.0	122.4	33.5	0.004	0.000	0.000	0.000
07:00:00	70.6	27.5	128.8	191.2	48.8	14.3	141.9	89.6	0.000	0.000	0.000	0.000
07:15:00	25.3	22.6	148.2	83.2	14.6	12.7	60.4	102.8	0.000	0.000	0.000	0.000
07:30:00	22.0	21.3	109.6	25.2	12.1	12.3	15.1	71.9	0.000	0.000	0.000	0.000
07:45:00	24.2	22.5	33.3	20.4	14.2	13.7	12.6	20.5	0.000	0.000	0.000	0.000
08:00:00	24.0	19.7	20.6	19.1	14.0	12.4	12.0	13.1	0.000	0.000	0.000	0.000
08:15:00	18.9	15.6	14.6	16.1	11.8	10.3	10.7	9.9	0.000	0.000	0.000	0.000
08:30:00	18.5	15.8	15.9	15.1	11.9	11.2	10.6	10.1	0.000	0.000	0.000	0.000
08:45:00	18.7	17.3	15.6	16.4	13.2	12.9	12.1	10.8	0.000	0.000	0.000	0.000
09:00:00	19.0	17.7	14.3	15.9	14.1	13.2	12.0	10.8	0.000	0.000	0.000	0.000
09:15:00	18.3	18.5	16.2	16.1	13.1	13.3	12.1	11.9	0.000	0.000	0.000	0.000
09:30:00	19.4	17.6	18.2	16.9	13.1	12.0	12.0	13.1	0.000	0.000	0.000	0.000
09:45:00	19.5	17.5	18.4	17.7	12.4	11.3	11.6	12.5	0.000	0.000	0.000	0.000
10:00:00	19.1	17.4	18.1	17.5	11.6	11.0	11.2	11.7	0.000	0.000	0.000	0.000
10:15:00	18.4	17.0	17.6	17.0	11.1	10.5	10.6	11.2	0.000	0.000	0.000	0.000
10:30:00	19.5	18.3	17.8	17.5	11.4	11.2	10.7	11.2	0.000	0.000	0.000	0.000
10:45:00	19.6	18.0	18.1	18.0	11.4	11.0	10.7	11.0	0.000	0.000	0.000	0.000
11:00:00	19.3	19.7	18.4	18.4	11.2	11.6	10.8	11.0	0.000	0.000	0.000	0.000
11:15:00	19.6	19.1	18.0	18.3	11.1	11.3	10.7	10.8	0.000	0.000	0.000	0.000
11:30:00	19.1	18.6	17.7	17.9	10.9	11.0	10.5	10.8	0.000	0.000	0.000	0.000
11:45:00	19.4	18.7	17.8	18.1	10.9	10.9	10.5	10.5	0.008	0.001	0.000	0.006



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Date : 2026-05-09

**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	19.0	18.4	17.2	18.3	10.7	10.7	10.6	10.4	0.015	0.001	0.000	0.007
12:15:00	18.7	17.9	17.3	17.0	10.3	10.3	10.0	10.2	0.019	0.001	0.000	0.017
12:30:00	17.4	16.9	16.7	16.5	9.9	9.9	9.5	9.6	0.012	0.001	0.000	0.024
12:45:00	17.4	16.6	15.9	15.6	9.4	9.5	9.1	9.1	0.007	0.000	0.000	0.027
13:00:00	16.5	16.7	15.8	16.5	8.9	9.5	9.6	9.2	0.001	0.000	0.000	0.027
13:15:00	15.7	16.2	14.8	15.4	8.8	9.3	9.0	8.7	0.000	0.000	0.000	0.028
13:30:00	14.4	14.2	13.2	13.4	7.9	8.3	8.0	7.8	0.000	0.000	0.000	0.031
13:45:00	15.1	13.5	12.7	13.1	7.8	7.9	8.0	7.6	0.000	0.000	0.000	0.033
14:00:00	15.5	20.5	14.2	16.1	8.6	9.6	9.1	8.5	0.004	0.000	0.000	0.033
14:15:00	15.2	15.3	13.4	13.3	8.4	8.7	8.2	8.0	0.010	0.000	0.000	0.027
14:30:00	12.2	14.4	10.1	10.6	6.8	8.0	6.8	6.3	0.011	0.000	0.000	0.025
14:45:00	14.3	13.7	11.5	12.2	7.6	7.8	7.6	7.1	0.007	0.000	0.000	0.024
15:00:00	14.0	13.5	12.8	13.0	8.1	8.3	8.2	7.9	0.000	0.000	0.000	0.011
15:15:00	13.4	12.7	13.4	14.2	8.3	8.5	9.0	8.8	0.000	0.000	0.000	0.001
15:30:00	14.3	13.9	14.0	14.5	9.1	9.0	9.5	9.3	0.000	0.000	0.000	0.000
15:45:00	15.1	14.2	14.3	14.4	9.1	9.2	9.1	9.0	0.000	0.000	0.000	0.000
16:00:00	14.2	15.2	14.0	13.9	8.6	8.9	8.8	8.7	0.000	0.000	0.000	0.000
16:15:00	15.3	16.4	14.0	13.6	8.8	9.1	8.9	9.1	0.000	0.000	0.000	0.000
16:30:00	15.4	16.4	16.4	14.2	9.3	9.5	9.5	9.9	0.000	0.000	0.000	0.000
16:45:00	16.0	17.7	17.2	15.7	9.6	9.5	9.7	9.9	0.002	0.000	0.000	0.005
17:00:00	14.9	13.6	14.2	12.7	8.2	8.0	7.9	8.7	0.001	0.000	0.000	0.004
17:15:00	13.1	13.1	12.9	12.3	7.3	7.4	7.3	7.6	0.000	0.000	0.000	0.000
17:30:00	12.2	12.8	12.1	10.5	6.6	6.6	6.4	7.0	0.000	0.000	0.000	0.000
17:45:00	11.7	17.0	10.9	9.2	6.0	6.1	5.6	5.8	0.000	0.000	0.000	0.000
18:00:00	11.2	12.9	10.1	8.0	5.2	5.1	4.7	5.4	0.000	0.000	0.000	0.000
18:15:00	9.0	12.9	8.7	7.5	4.0	4.1	3.8	4.4	0.000	0.000	0.000	0.000
18:30:00	9.6	13.1	8.6	6.9	3.6	3.8	3.5	3.9	0.000	0.000	0.000	0.000
18:45:00	10.3	10.5	9.7	7.7	3.6	3.4	3.8	3.9	0.000	0.000	0.000	0.000
19:00:00	12.4	12.5	10.9	7.5	3.9	3.6	3.6	3.9	0.000	0.000	0.000	0.000
19:15:00	12.1	6.7	11.2	8.4	3.8	2.9	3.5	3.7	0.000	0.000	0.000	0.000
19:30:00	10.1	7.2	11.9	7.8	2.9	2.6	3.0	3.2	0.000	0.000	0.000	0.000
19:45:00	10.8	9.9	9.2	7.2	3.0	2.7	2.7	2.9	0.000	0.000	0.000	0.000
20:00:00	10.8	8.9	12.0	6.9	2.9	2.7	2.4	3.0	0.000	0.000	0.000	0.000
20:15:00	10.3	9.2	13.7	7.2	2.6	2.6	2.4	2.9	0.000	0.000	0.000	0.000
20:30:00	10.1	9.8	12.8	8.3	2.5	2.6	2.4	2.9	0.000	0.000	0.000	0.000
20:45:00	11.4	12.5	15.7	8.6	2.7	2.7	2.5	3.1	0.000	0.000	0.000	0.000
21:00:00	15.2	14.9	14.9	11.5	2.9	2.8	2.8	3.0	0.000	0.000	0.000	0.000
21:15:00	12.9	14.4	19.4	10.4	2.8	2.9	2.6	3.4	0.000	0.000	0.000	0.000
21:30:00	15.5	17.8	23.5	13.4	2.9	3.0	3.1	3.6	0.000	0.000	0.000	0.000
21:45:00	16.9	21.5	25.4	16.8	3.0	3.3	3.1	3.8	0.000	0.000	0.000	0.000
22:00:00	14.6	23.1	26.6	17.7	2.9	3.5	3.3	3.8	0.000	0.000	0.000	0.000
22:15:00	13.3	22.2	27.3	18.4	2.9	3.4	3.3	3.9	0.000	0.000	0.000	0.000
22:30:00	16.8	20.9	27.5	18.3	3.1	3.5	3.4	3.8	0.000	0.000	0.000	0.000
22:45:00	24.3	25.0	22.6	16.4	7.6	5.0	3.5	3.5	0.000	0.000	0.000	0.000
23:00:00	57.1	59.9	22.0	39.2	34.1	29.2	19.3	5.4	0.000	0.000	0.000	0.000
23:15:00	58.7	62.6	40.2	56.4	36.6	33.5	32.9	18.2	0.000	0.000	0.000	0.000
23:30:00	44.2	64.3	53.2	57.8	26.4	36.4	34.1	16.2	0.000	0.000	0.000	0.000
23:45:00	33.0	49.6	61.3	52.6	17.8	23.2	27.9	18.8	0.000	0.000	0.000	0.000



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Date : 2026-05-09

**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)
04:45:00					80.7	65.9	42.0					
05:00:00					83.6	60.8	82.2					
05:15:00					83.4	58.0	83.7	41.2				
05:30:00					74.4	57.3	77.9	36.1				
05:45:00					46.2	53.8	52.3					
06:00:00						36.6						
06:30:00					40.0							
06:45:00	154.8		165.6		113.7		122.4					
07:00:00			191.2		48.8		141.9	89.6				
07:15:00							60.4	102.8				
07:30:00								71.9				
23:15:00					36.6							
23:30:00						36.4						