



# DAILY AIR MONITORING REPORT

## Florence C&D Landfill – Air Monitoring

Date : 2026-05-05

**Table 1 : Weather Summary**

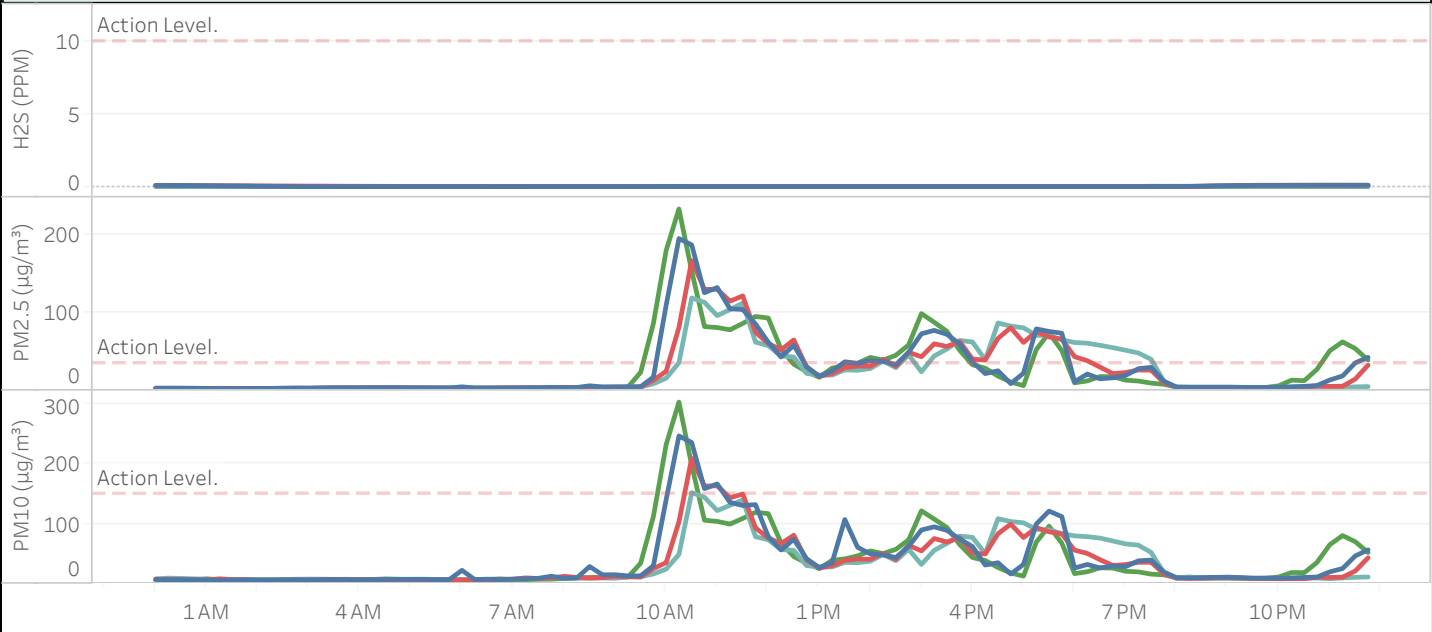
Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.16 to 20.07	2943 SE	3061 WNW	2996 ESE	2997 NE	Min : 54.32 Max : 96.62	Min : 34.50 Max : 85.80	Min : 27.73 Max : 114.4

**Table 2 : Monitoring Summary**

Site Action Level :	PM10 : 150 $\mu\text{g}/\text{m}^3$	PM2.5 : 35 $\mu\text{g}/\text{m}^3$	H2S : 10 PPM			
AQ-SN	Avg. PM10 Daily ( $\mu\text{g}/\text{m}^3$ )	Max. PM10-15-min Avg ( $\mu\text{g}/\text{m}^3$ )	Avg. PM2.5 Daily ( $\mu\text{g}/\text{m}^3$ )	Max. PM2.5-15-min Avg ( $\mu\text{g}/\text{m}^3$ )	Avg. H2S Daily (PPM)	Max. H2S-15-min Avg (PPM)
2943	39.4	246.5	27.3	195.3	0.017	0.094
2996	35.2	209.2	26.1	166.9	0.024	0.099
2997	34.4	152.0	25.2	119.0	0.008	0.049
3061	38.4	302.9	28.2	233.3	0.002	0.011



**Figure 1 : Monitoring Locations**



**Figure 2 : 15 Minutes Average Concentrations**

■ 2943      ■ 2996      ■ 2997      ■ 3061



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Wind Rose Chart 2943

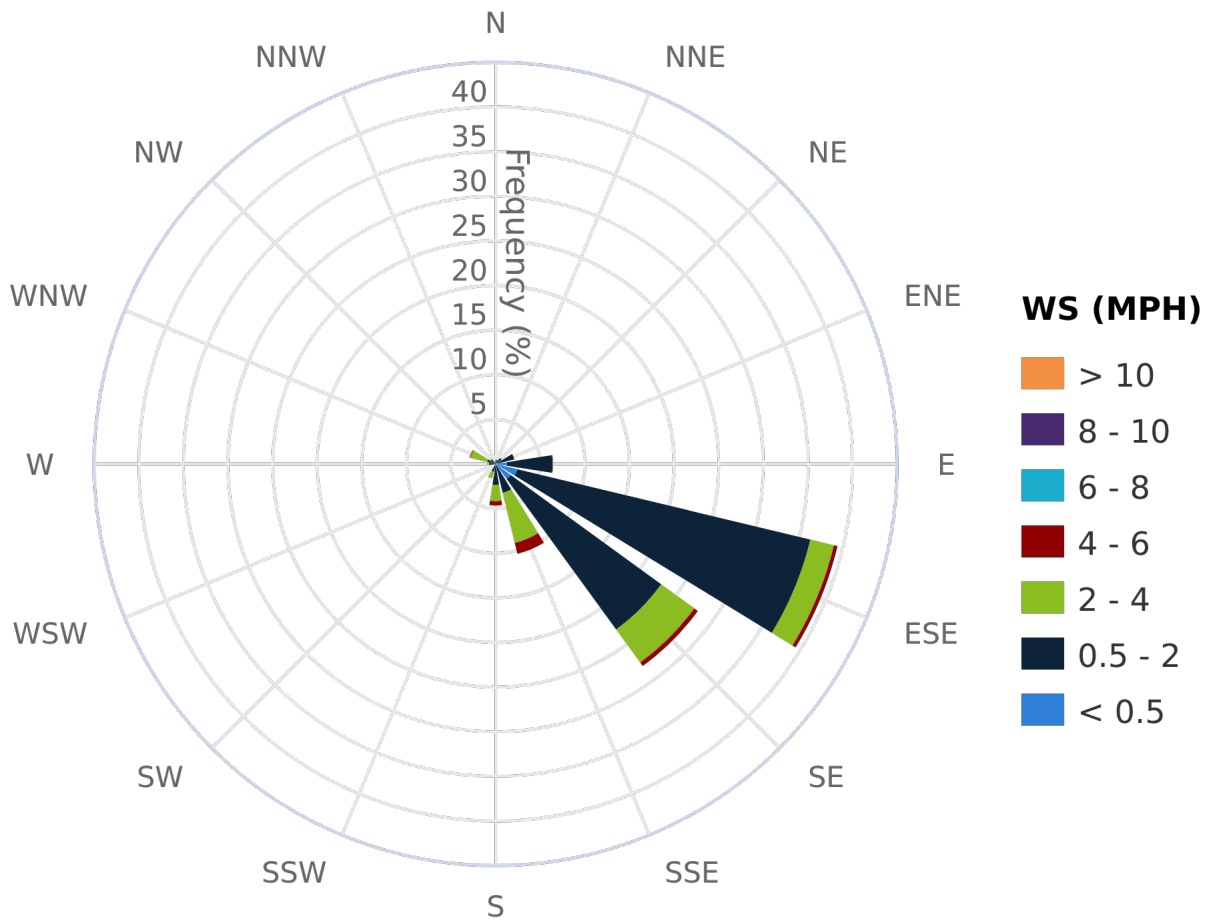


Figure 3 : Wind Rose Chart (WS in MPH)



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Date : 2026-05-05

Wind Rose Chart 3061

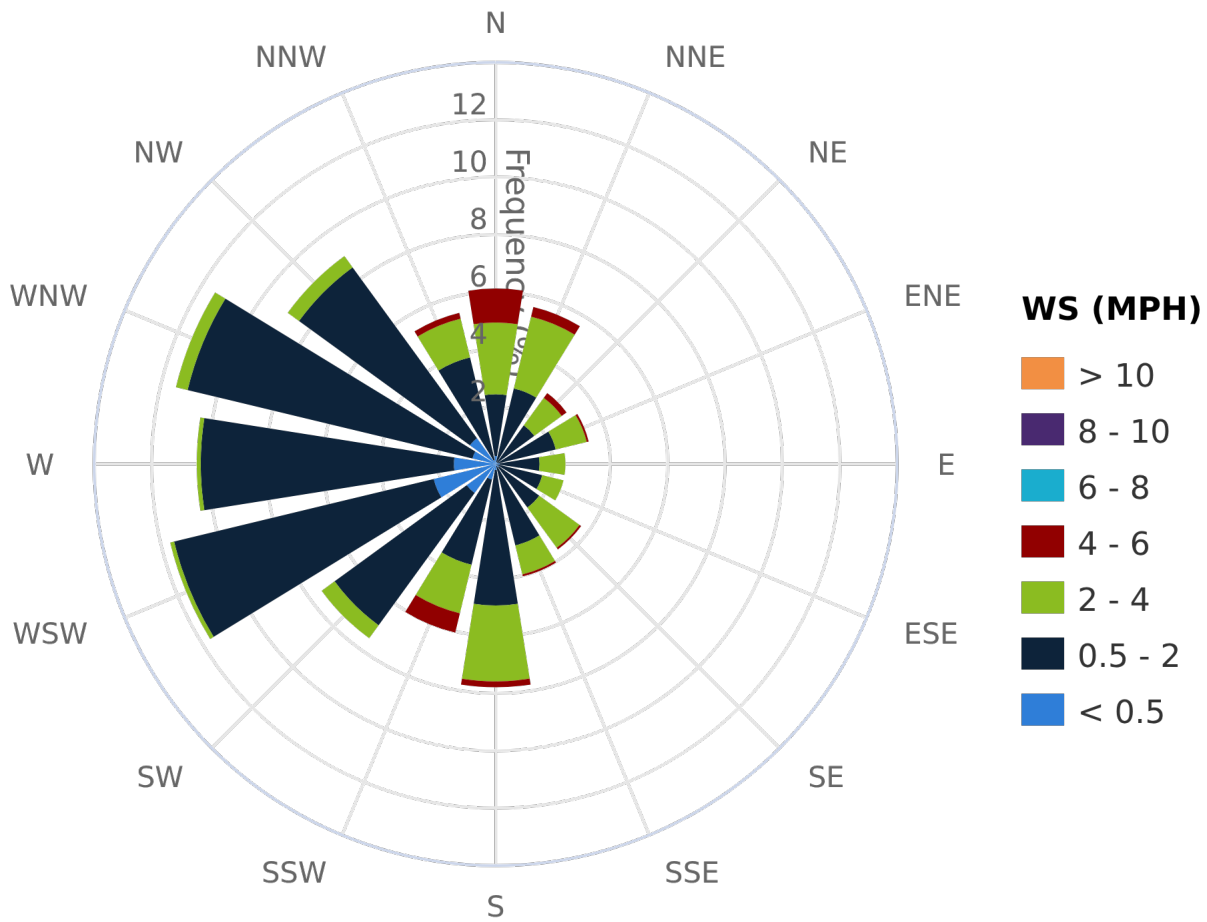


Figure 3 : Wind Rose Chart (WS in MPH)



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Florence C&D Landfill – Air Monitoring

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Wind Rose Chart 2996

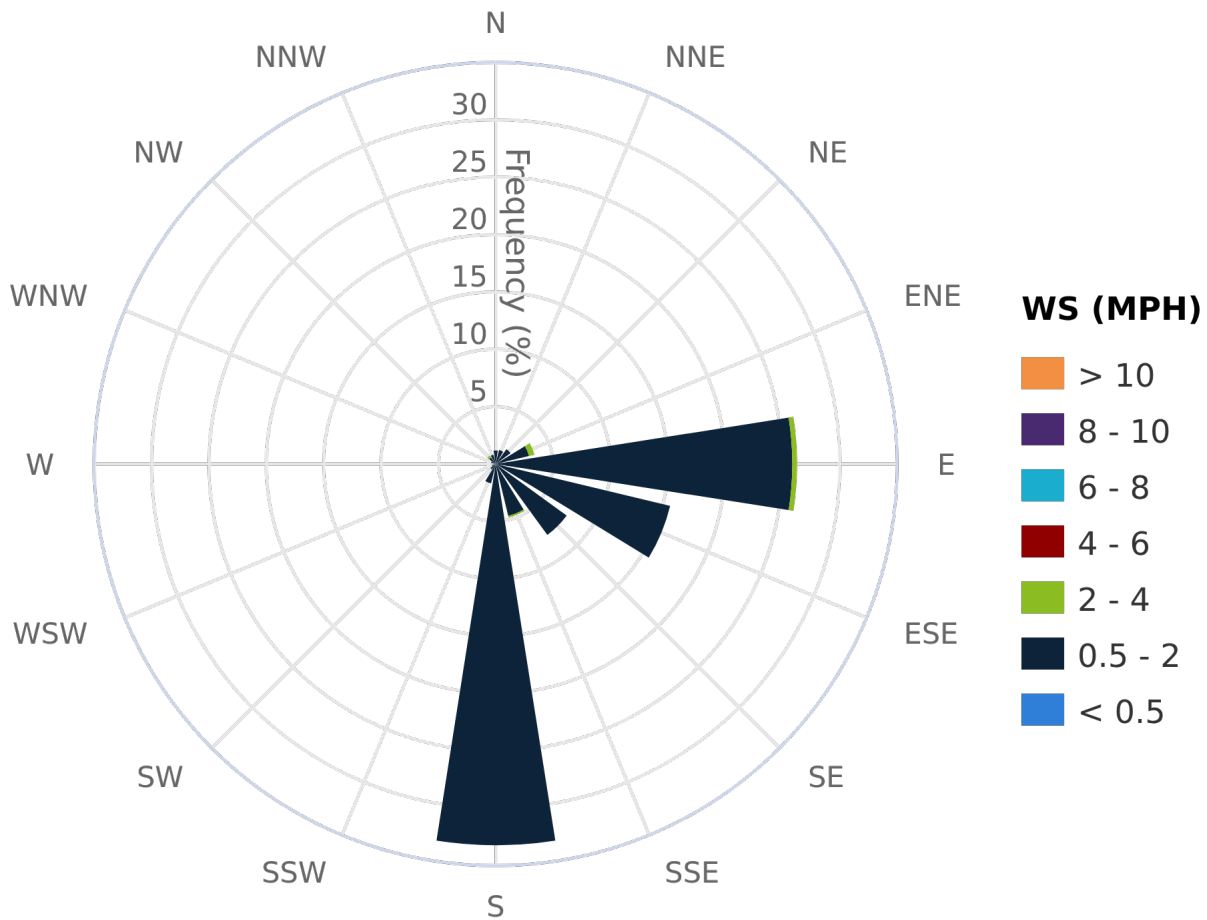


Figure 3 : Wind Rose Chart (WS in MPH)



# DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-05-05

Wind Rose Chart 2997

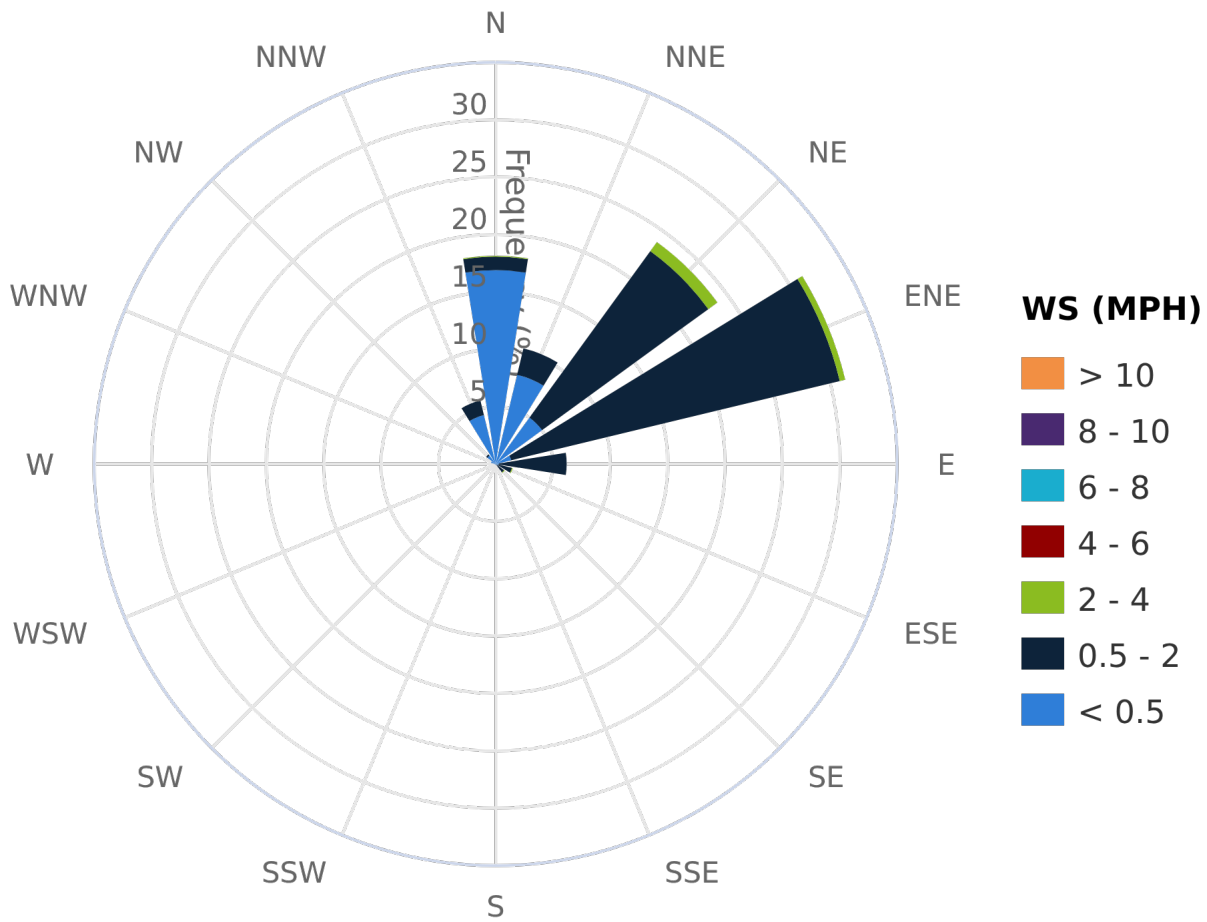


Figure 3 : Wind Rose Chart (WS in MPH)



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## Florence C&D Landfill – Air Monitoring

Date : 2026-05-05

**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	6.8	6.7	8.1	7.8	3.0	2.9	3.0	3.4	0.085	0.005	0.092	0.024
00:15:00	6.8	6.8	9.5	7.3	2.9	2.9	2.8	3.5	0.079	0.004	0.087	0.016
00:30:00	6.8	6.6	9.0	6.8	2.9	2.9	2.8	3.4	0.073	0.004	0.082	0.009
00:45:00	6.7	6.6	8.3	6.5	2.9	2.8	2.7	3.2	0.065	0.003	0.077	0.006
01:00:00	6.4	8.2	7.7	6.5	2.9	3.0	2.8	3.0	0.058	0.002	0.075	0.003
01:15:00	5.9	6.7	7.1	8.3	2.6	2.9	3.1	3.0	0.050	0.001	0.069	0.000
01:30:00	6.0	6.4	7.1	7.1	2.7	2.8	2.8	2.9	0.041	0.000	0.065	0.000
01:45:00	6.4	6.4	7.3	7.0	2.8	2.7	2.8	2.9	0.033	0.000	0.061	0.000
02:00:00	6.3	6.5	6.9	5.9	2.9	2.7	2.7	2.8	0.025	0.000	0.052	0.000
02:15:00	6.1	6.0	7.1	6.0	2.9	2.7	2.7	3.0	0.018	0.000	0.049	0.000
02:30:00	6.7	6.5	7.0	6.0	3.2	2.9	2.8	3.1	0.010	0.000	0.045	0.000
02:45:00	6.8	6.2	7.6	5.9	3.4	2.9	3.0	3.2	0.002	0.000	0.040	0.000
03:00:00	6.4	6.2	7.8	6.0	3.2	2.9	2.9	3.4	0.000	0.000	0.036	0.000
03:15:00	7.0	6.5	7.7	6.6	3.5	3.0	3.2	3.5	0.000	0.000	0.034	0.000
03:30:00	7.2	6.2	7.4	6.7	3.7	3.1	3.3	3.7	0.000	0.000	0.029	0.000
03:45:00	6.9	6.4	7.6	6.8	3.8	3.2	3.4	3.7	0.000	0.000	0.026	0.000
04:00:00	6.8	6.8	7.1	6.9	3.7	3.3	3.5	3.6	0.000	0.000	0.023	0.000
04:15:00	7.0	7.2	7.3	6.9	3.8	3.6	3.5	3.5	0.000	0.000	0.021	0.000
04:30:00	7.2	8.1	7.4	6.4	3.9	3.5	3.4	3.6	0.000	0.000	0.018	0.000
04:45:00	7.4	7.5	7.5	6.7	3.8	3.5	3.3	3.8	0.000	0.000	0.015	0.000
05:00:00	7.3	7.0	7.6	6.6	3.7	3.4	3.3	3.7	0.000	0.000	0.013	0.000
05:15:00	7.4	6.8	7.7	6.5	3.6	3.4	3.3	3.5	0.000	0.000	0.013	0.000
05:30:00	6.8	6.9	7.2	6.7	3.4	3.5	3.3	3.4	0.000	0.000	0.012	0.000
05:45:00	6.9	7.1	6.9	6.3	3.5	3.5	3.2	3.3	0.000	0.000	0.012	0.000
06:00:00	22.5	6.7	7.2	6.4	4.9	3.4	3.1	3.3	0.000	0.000	0.009	0.000
06:15:00	7.1	6.7	7.2	6.0	3.4	3.3	3.1	3.3	0.000	0.000	0.009	0.000
06:30:00	7.7	7.3	7.2	6.3	3.4	3.4	3.1	3.4	0.000	0.000	0.007	0.000
06:45:00	7.0	8.2	7.4	7.2	3.3	3.5	3.5	3.4	0.000	0.000	0.004	0.000
07:00:00	7.6	7.1	7.5	7.7	3.4	3.2	3.8	3.4	0.000	0.000	0.004	0.000
07:15:00	8.4	6.9	8.5	9.8	3.6	3.2	3.8	3.6	0.000	0.000	0.002	0.000
07:30:00	9.1	7.5	9.2	8.8	3.7	3.3	3.6	3.7	0.000	0.000	0.000	0.000
07:45:00	12.6	7.7	9.9	9.5	4.3	3.4	3.9	4.0	0.000	0.000	0.000	0.000
08:00:00	9.1	8.7	9.9	12.5	3.8	3.7	4.4	4.1	0.000	0.000	0.000	0.000
08:15:00	9.8	9.6	9.8	10.5	4.1	3.9	4.1	4.1	0.000	0.000	0.000	0.000
08:30:00	28.8	10.5	9.3	9.6	6.2	4.2	4.1	4.2	0.000	0.000	0.000	0.000
08:45:00	15.0	11.0	9.8	10.2	4.8	4.4	4.3	4.3	0.000	0.000	0.000	0.000
09:00:00	15.1	11.2	9.1	12.2	4.8	4.4	4.6	4.0	0.000	0.000	0.000	0.000
09:15:00	13.1	11.0	11.4	11.8	4.8	4.5	4.6	4.6	0.000	0.000	0.000	0.000
09:30:00	13.2	34.3	11.7	11.1	5.1	23.5	4.5	4.7	0.000	0.000	0.000	0.000
09:45:00	30.1	112.2	16.3	25.3	17.4	86.3	13.4	8.9	0.001	0.000	0.001	0.000
10:00:00	140.5	232.2	24.5	35.4	109.8	180.1	24.9	16.0	0.007	0.000	0.000	0.000
10:15:00	246.5	302.9	48.9	103.3	195.3	233.3	81.2	35.8	0.009	0.000	0.000	0.000
10:30:00	235.6	197.3	152.0	209.2	187.2	153.7	166.9	119.0	0.003	0.000	0.000	0.001
10:45:00	158.6	105.9	144.2	162.8	125.7	82.3	130.0	113.4	0.000	0.000	0.000	0.000
11:00:00	166.5	104.0	122.0	163.4	132.4	81.0	130.2	96.3	0.000	0.000	0.000	0.000
11:15:00	135.6	99.5	130.7	143.3	105.0	78.1	114.9	104.1	0.000	0.000	0.000	0.000
11:30:00	130.5	108.9	140.0	149.7	104.2	86.3	121.7	112.4	0.000	0.000	0.000	0.000
11:45:00	132.0	119.1	78.4	93.2	85.6	95.3	74.9	62.3	0.000	0.000	0.000	0.000



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Date : 2026-05-05

**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	78.7	117.0	73.4	76.2	62.2	93.2	60.5	57.8	0.000	0.000	0.000	0.000
12:15:00	56.3	68.2	57.0	67.0	43.2	53.3	52.5	44.5	0.000	0.000	0.000	0.000
12:30:00	74.2	45.3	55.6	80.9	58.1	33.9	65.1	43.1	0.000	0.000	0.000	0.000
12:45:00	41.8	34.2	30.2	39.8	30.8	24.5	30.3	22.1	0.000	0.000	0.000	0.000
13:00:00	27.0	25.2	28.0	26.2	18.3	17.1	18.3	20.1	0.000	0.000	0.000	0.000
13:15:00	35.1	39.2	28.1	30.0	25.4	29.0	21.8	20.0	0.000	0.000	0.000	0.000
13:30:00	107.1	41.5	35.6	38.9	37.1	31.5	29.6	26.7	0.000	0.000	0.000	0.000
13:45:00	60.8	46.5	35.2	41.3	35.1	35.2	31.6	26.1	0.000	0.000	0.000	0.000
14:00:00	49.8	54.8	37.7	40.9	38.4	42.7	31.3	28.4	0.000	0.000	0.000	0.000
14:15:00	48.2	50.3	48.7	50.8	37.6	39.1	40.4	37.9	0.000	0.000	0.000	0.000
14:30:00	43.7	57.4	38.6	40.4	33.4	45.5	31.2	29.5	0.000	0.000	0.000	0.000
14:45:00	62.4	73.3	57.3	64.2	49.3	58.7	49.3	46.0	0.000	0.000	0.000	0.000
15:00:00	89.7	121.6	32.2	54.8	73.0	98.9	43.5	24.3	0.000	0.000	0.000	0.000
15:15:00	94.9	107.9	55.6	75.4	77.4	87.8	60.2	44.5	0.000	0.000	0.000	0.000
15:30:00	89.1	93.9	67.4	69.6	72.3	76.1	56.7	53.5	0.000	0.000	0.000	0.000
15:45:00	74.7	65.4	79.5	76.9	59.9	51.8	63.0	64.5	0.000	0.000	0.000	0.000
16:00:00	62.1	43.7	77.5	51.1	37.0	33.2	40.5	62.5	0.000	0.000	0.000	0.000
16:15:00	31.2	38.8	50.3	49.7	21.9	28.8	39.2	39.6	0.000	0.000	0.000	0.000
16:30:00	35.1	27.1	108.5	83.4	25.5	18.7	67.2	86.9	0.000	0.000	0.000	0.000
16:45:00	16.2	17.9	103.8	99.4	9.0	11.0	80.8	82.9	0.000	0.000	0.000	0.000
17:00:00	32.2	12.8	101.6	77.1	22.5	6.4	61.9	80.7	0.000	0.000	0.000	0.000
17:15:00	99.6	69.4	90.8	93.5	79.3	52.7	75.8	71.0	0.000	0.000	0.000	0.000
17:30:00	121.1	96.0	90.0	86.6	76.0	74.2	69.0	70.6	0.000	0.000	0.000	0.000
17:45:00	112.0	67.7	83.8	83.0	73.8	51.4	66.2	65.3	0.000	0.000	0.000	0.000
18:00:00	26.2	16.9	79.9	56.1	11.4	10.0	43.6	61.8	0.000	0.000	0.000	0.000
18:15:00	32.2	20.1	78.5	50.6	21.3	12.5	38.4	60.9	0.000	0.000	0.000	0.000
18:30:00	26.4	26.7	76.1	40.1	15.2	18.1	30.2	58.2	0.000	0.000	0.000	0.000
18:45:00	29.6	26.2	71.3	30.5	16.4	17.9	21.9	55.2	0.000	0.000	0.000	0.000
19:00:00	28.6	20.8	66.4	32.0	19.5	13.5	23.3	51.9	0.000	0.000	0.000	0.001
19:15:00	38.3	19.8	64.4	35.8	28.2	12.3	26.5	48.3	0.000	0.000	0.000	0.009
19:30:00	39.5	16.1	52.2	35.9	29.9	9.7	26.3	40.2	0.006	0.001	0.000	0.026
19:45:00	19.7	14.8	18.4	16.5	12.0	8.1	10.1	11.9	0.008	0.004	0.000	0.022
20:00:00	10.0	10.2	9.2	9.3	4.4	4.6	4.4	4.4	0.006	0.006	0.000	0.026
20:15:00	9.6	9.8	11.6	9.0	4.3	4.4	4.2	4.5	0.019	0.007	0.004	0.026
20:30:00	10.4	9.9	9.0	9.1	4.4	4.4	4.2	4.3	0.030	0.008	0.027	0.032
20:45:00	10.7	9.8	9.4	9.7	4.3	4.4	4.3	4.3	0.047	0.009	0.052	0.039
21:00:00	11.1	9.6	9.1	10.4	4.4	4.3	4.4	4.1	0.057	0.010	0.069	0.041
21:15:00	10.4	9.2	8.9	9.5	4.3	4.2	4.2	4.1	0.071	0.011	0.081	0.039
21:30:00	9.5	8.9	8.9	9.0	4.2	4.1	4.1	4.1	0.079	0.010	0.091	0.041
21:45:00	9.5	9.3	8.5	8.7	4.1	4.2	3.9	3.9	0.084	0.010	0.095	0.045
22:00:00	9.2	11.3	9.1	8.3	4.1	6.2	3.9	3.9	0.083	0.010	0.096	0.046
22:15:00	9.9	18.8	9.1	8.6	5.1	13.5	3.9	4.0	0.082	0.010	0.099	0.048
22:30:00	10.6	18.5	9.4	8.5	5.5	12.8	4.0	3.9	0.086	0.009	0.099	0.049
22:45:00	11.2	35.6	9.5	10.8	6.6	27.4	6.0	4.0	0.089	0.009	0.099	0.045
23:00:00	19.9	65.2	8.5	10.6	13.7	51.2	5.5	4.0	0.094	0.009	0.096	0.036
23:15:00	25.4	80.4	9.7	11.0	18.8	62.7	5.7	4.3	0.091	0.009	0.099	0.035
23:30:00	46.5	70.1	10.8	21.3	35.7	54.0	14.9	4.9	0.089	0.008	0.098	0.032
23:45:00	56.5	52.1	11.3	43.4	42.8	39.2	32.9	5.2	0.089	0.007	0.099	0.030



# DAILY AIR MONITORING REPORT

## Florence C&D Landfill – Air Monitoring

Date : 2026-05-05

**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)
09:45:00						86.3						
10:00:00		232.2			109.8	180.1						
10:15:00	246.5	302.9			195.3	233.3	81.2	35.8				
10:30:00	235.6	197.3	209.2	152.0	187.2	153.7	166.9	119.0				
10:45:00	158.6		162.8		125.7	82.3	130.0	113.4				
11:00:00	166.5		163.4		132.4	81.0	130.2	96.3				
11:15:00					105.0	78.1	114.9	104.1				
11:30:00					104.2	86.3	121.7	112.4				
11:45:00					85.6	95.3	74.9	62.3				
12:00:00					62.2	93.2	60.5	57.8				
12:15:00					43.2	53.3	52.5	44.5				
12:30:00					58.1		65.1	43.1				
13:30:00					37.1							
13:45:00					35.1	35.2						
14:00:00					38.4	42.7						
14:15:00					37.6	39.1	40.4	37.9				
14:30:00						45.5						
14:45:00					49.3	58.7	49.3	46.0				
15:00:00					73.0	98.9	43.5					
15:15:00					77.4	87.8	60.2	44.5				
15:30:00					72.3	76.1	56.7	53.5				
15:45:00					59.9	51.8	63.0	64.5				
16:00:00					37.0		40.5	62.5				
16:15:00							39.2	39.6				
16:30:00							67.2	86.9				
16:45:00							80.8	82.9				
17:00:00							61.9	80.7				
17:15:00					79.3	52.7	75.8	71.0				
17:30:00					76.0	74.2	69.0	70.6				
17:45:00					73.8	51.4	66.2	65.3				
18:00:00							43.6	61.8				
18:15:00							38.4	60.9				
18:30:00								58.2				
18:45:00								55.2				
19:00:00								51.9				
19:15:00								48.3				
19:30:00								40.2				
23:00:00						51.2						
23:15:00						62.7						
23:30:00					35.7	54.0						
23:45:00					42.8	39.2						