



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-11-04

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.1000 Max : 17.14	2943 ESE	2693 NNE	2996 SE	2997 NW	Min : 43.16 Max : 87.98	Min : 40.70 Max : 86.80	Min : 30.17 Max : 30.41

Table 2 : Monitoring Summary

Site Action Level :	PM10 : 150 µg/m³		PM2.5 : 35 µg/m³		H2S : 10 PPM	
AQ-SN	Avg. PM10 Daily (µg/m³)	Max. PM10-15-min Avg (µg/m³)	Avg. PM2.5 Daily (µg/m³)	Max. PM2.5-15-min Avg (µg/m³)	Avg. H2S Daily (PPM)	Max. H2S-15-min Avg (PPM)
2693	9.3	14.5	5.8	10.9	0.000	0.002
2943	17.4	261.7	6.4	34.6	-0.053	0.016
2996	10.7	16.0	5.3	9.4	0.000	0.000
2997	10.6	30.5	6.2	24.1	0.001	0.014



Figure 1 : Monitoring Locations

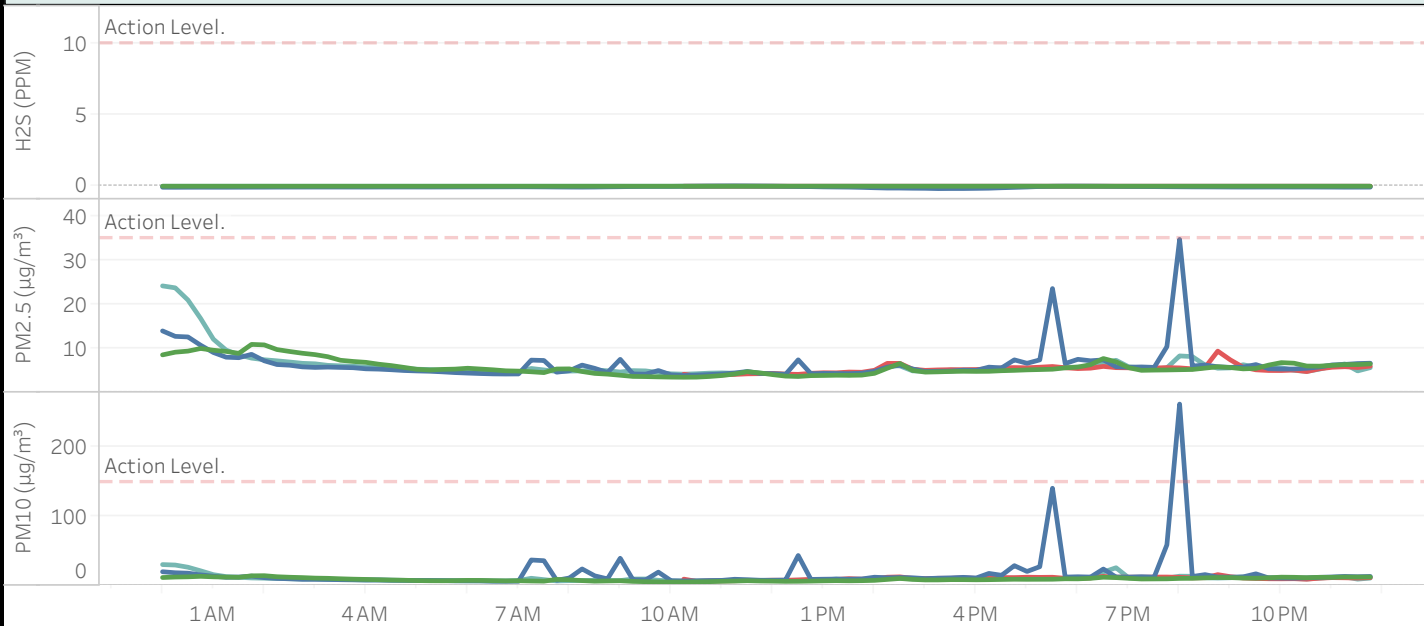


Figure 2 : 15 Minutes Average Concentrations

2693 2943 2996 2997



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-11-04

Wind Rose Chart 2943

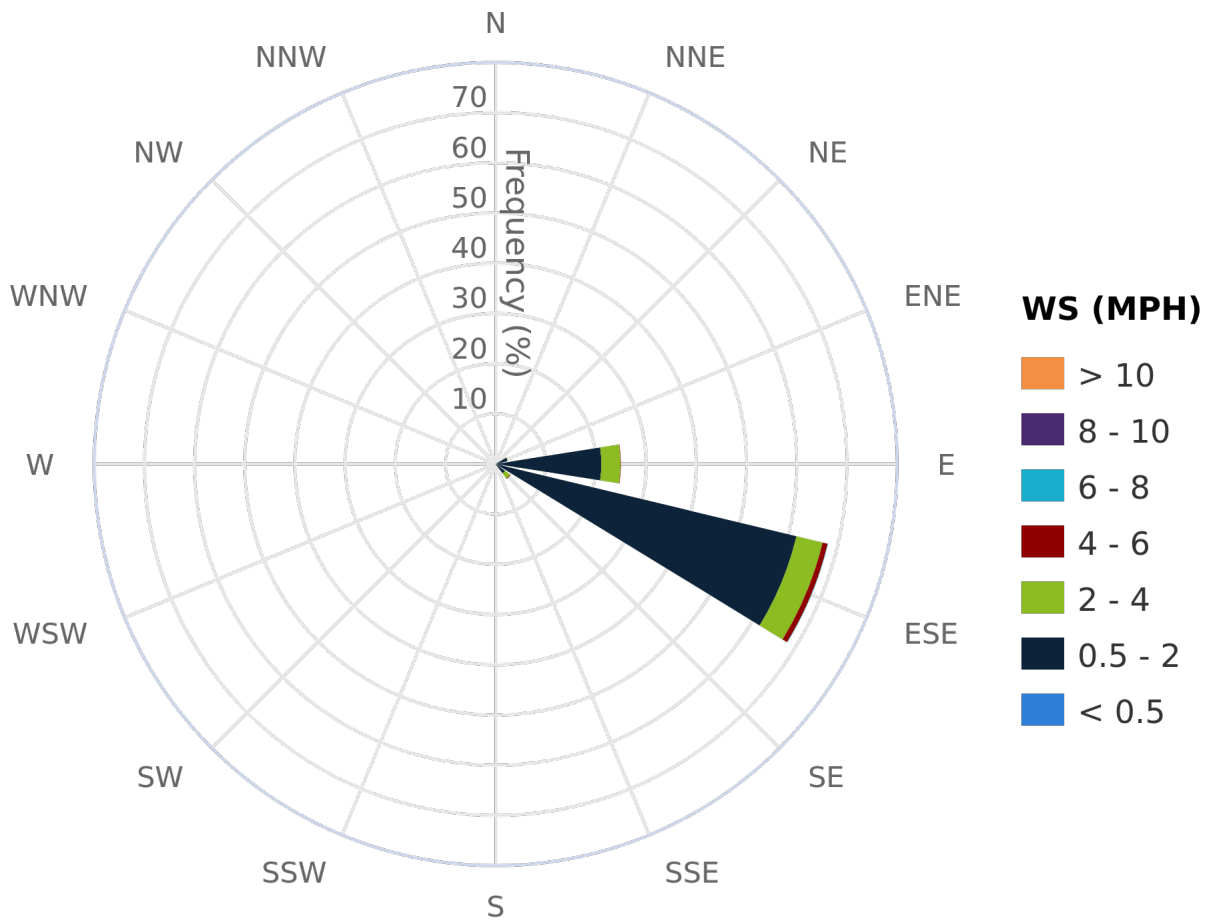


Figure 3 : Wind Rose Chart (WS in MPH)



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-11-04

Wind Rose Chart 2693

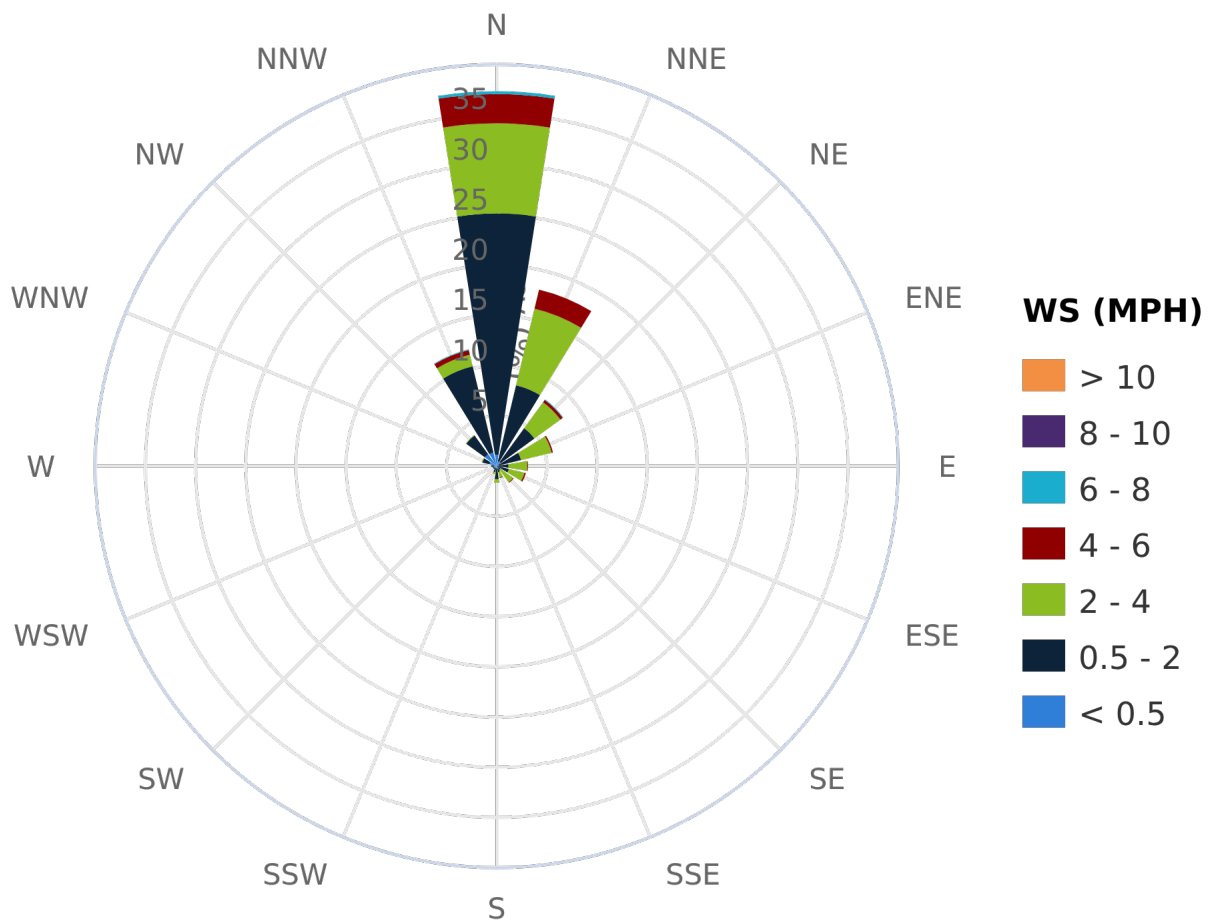


Figure 3 : Wind Rose Chart (WS in MPH)



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-11-04

Wind Rose Chart 2996

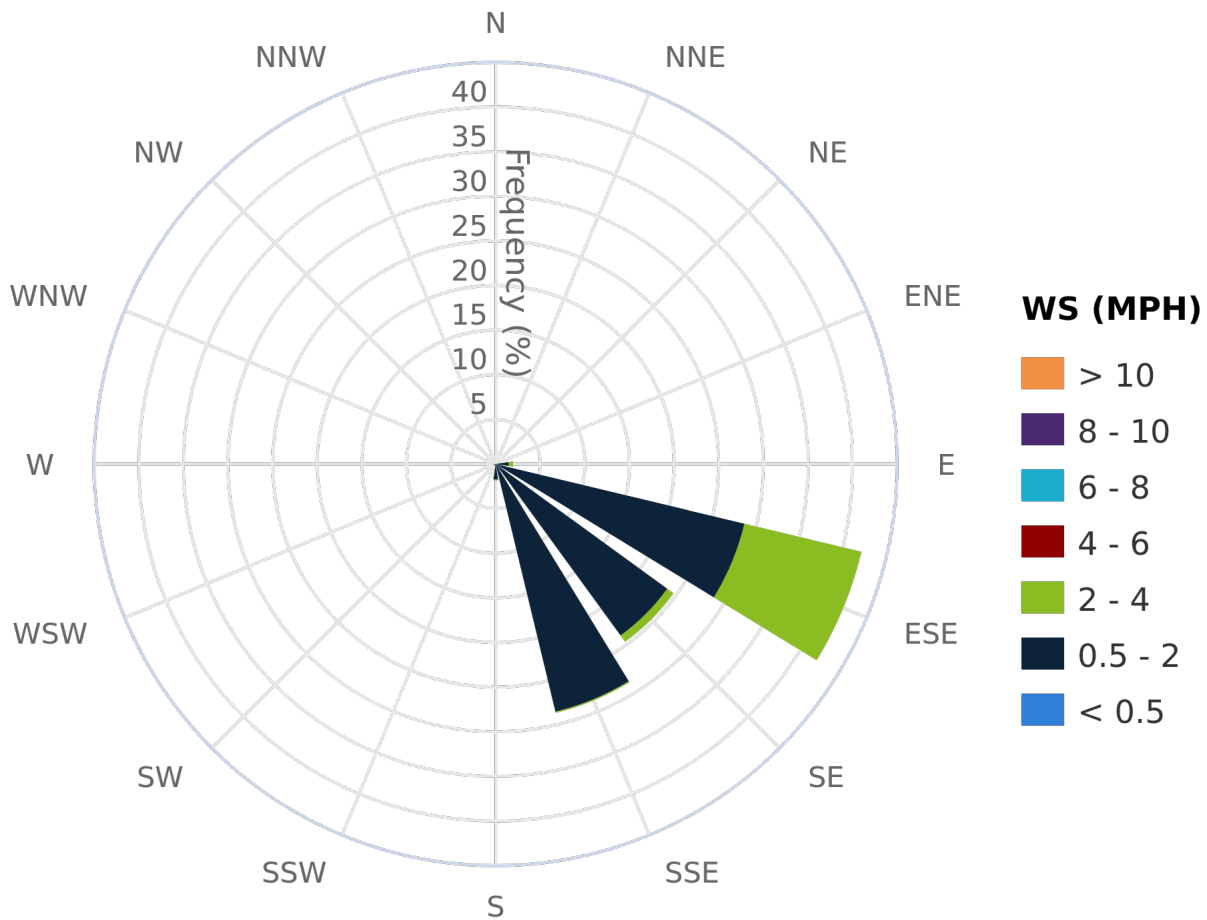


Figure 3 : Wind Rose Chart (WS in MPH)



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-11-04

Wind Rose Chart 2997

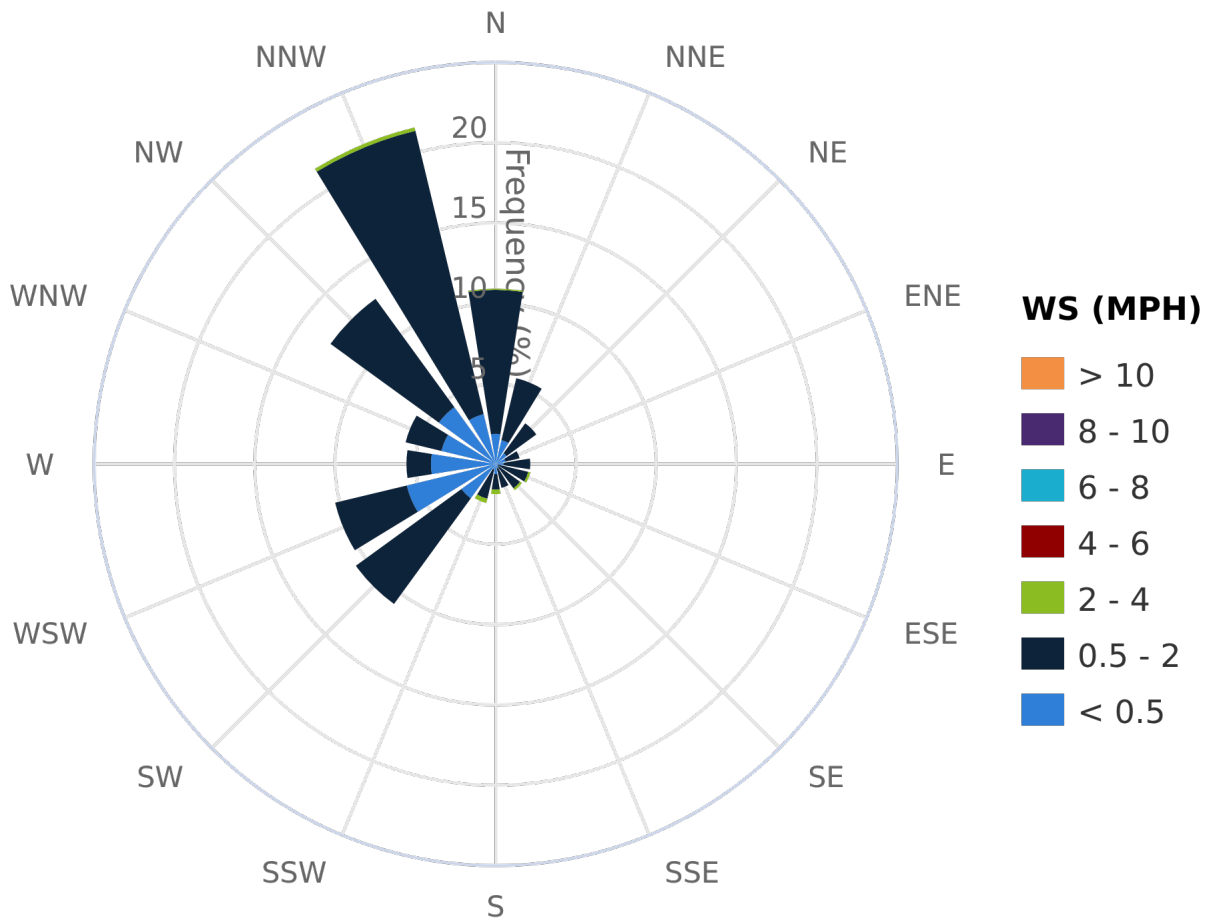


Figure 3 : Wind Rose Chart (WS in MPH)



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-11-04

Table 3 : 15 Minute Average Concentrations (AM)

	Avg. 2943 - PM10 (µg/m³)	Avg. 2693 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 2693 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 2693 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
00:00:00	20.2	11.9	30.5		13.9	8.5		24.1	-0.072	0.001		0.000
00:15:00	18.7	12.6	29.9		12.7	9.1		23.7	-0.074	0.000		0.000
00:30:00	18.2	12.9	26.7		12.6	9.4		20.9	-0.072	0.000		0.000
00:45:00	15.7	13.6	21.5		10.7	10.0		16.7	-0.070	0.001		0.000
01:00:00	13.8	12.8	16.0		9.1	9.6		12.1	-0.071	0.000		0.000
01:15:00	12.2	12.5	13.2		8.0	9.3		9.6	-0.071	0.001		0.000
01:30:00	12.6	12.2	12.2		7.9	8.9		8.5	-0.069	0.000		0.000
01:45:00	13.9	14.3	11.3		8.7	10.9		7.8	-0.066	0.000		0.000
02:00:00	11.7	14.5	10.9		7.2	10.8		7.4	-0.065	0.001		0.000
02:15:00	10.6	13.0	10.5		6.4	9.7		7.2	-0.062	0.000		0.000
02:30:00	10.1	12.3	10.0		6.2	9.3		6.9	-0.060	0.000		0.000
02:45:00	9.3	11.8	9.8		5.8	8.9		6.6	-0.059	0.000		0.000
03:00:00	9.2	11.0	10.0		5.7	8.6		6.5	-0.058	0.000		0.000
03:15:00	9.1	10.7	9.1		5.8	8.1		6.2	-0.058	0.001		0.000
03:30:00	8.7	10.1	8.8		5.7	7.3		6.1	-0.058	0.001		0.000
03:45:00	8.6	9.5	8.6		5.6	7.0		6.0	-0.059	0.000		0.000
04:00:00	8.3	9.2	8.3		5.4	6.8		5.8	-0.059	0.000		0.000
04:15:00	8.3	8.7	8.3		5.3	6.4		5.7	-0.056	0.000		0.000
04:30:00	7.9	8.3	8.0		5.2	6.1		5.5	-0.055	-0.001		0.000
04:45:00	7.8	8.0	7.8		5.0	5.7		5.4	-0.055	0.000		0.000
05:00:00	7.6	7.5	7.7		4.9	5.3		5.3	-0.055	-0.001		0.000
05:15:00	7.6	7.2	7.6		4.8	5.1		5.2	-0.056	0.000		0.000
05:30:00	7.4	7.2	7.5		4.7	5.3		5.1	-0.054	0.000		0.000
05:45:00	7.2	7.4	7.1		4.5	5.3		4.9	-0.052	0.000		0.000
06:00:00	7.2	7.8	7.0		4.4	5.5		4.8	-0.049	0.000		0.000
06:15:00	7.0	7.7	7.1		4.3	5.3		4.8	-0.047	0.000		0.000
06:30:00	6.6	7.4	6.9		4.2	5.2		4.7	-0.045	0.000		0.000
06:45:00	6.5	7.0	7.0		4.2	4.9		4.7	-0.043	0.000		0.000
07:00:00	6.5	7.2	7.6		4.2	4.9		4.7	-0.041	-0.001		0.000
07:15:00	37.1	6.9	10.8		7.3	4.7		5.5	-0.043	0.000		0.000
07:30:00	36.1	6.6	8.8		7.3	4.5		5.1	-0.048	0.000		0.000
07:45:00	7.9	9.2	7.0		4.6	5.3		4.8	-0.054	0.000		0.000
08:00:00	11.2	8.6	7.4		4.9	5.4		4.9	-0.059	0.000		0.000
08:15:00	24.2	7.4	7.6		6.2	4.8		4.9	-0.062	0.000		0.000
08:30:00	14.3	6.6	7.8		5.5	4.3		5.1	-0.057	0.000		0.000
08:45:00	9.9	7.0	7.7		4.5	4.2		4.9	-0.044	0.000		0.000
09:00:00	39.7	7.2	7.5		7.5	3.9		4.7	-0.035	0.001		0.000
09:15:00	8.7	6.3	9.8		4.2	3.7		5.0	-0.021	0.000		0.000
09:30:00	8.5	5.9	9.8		4.2	3.6		4.9	-0.012	0.000		0.000
09:45:00	19.7	5.6	7.9		5.0	3.6		4.5	-0.011	0.000		0.000
10:00:00	7.3	5.4	7.0		4.0	3.5		4.3	-0.010	0.000		0.000
10:15:00	6.9	5.5	6.8	9.6	3.9	3.5	4.2	4.2	-0.002	0.000	0.000	0.001
10:30:00	7.1	5.7	7.0	6.4	4.0	3.5	3.7	4.3	0.004	0.000	0.000	0.005
10:45:00	7.5	5.9	7.1	6.9	4.1	3.6	3.9	4.4	0.007	0.000	0.000	0.014
11:00:00	7.8	6.4	7.3	7.0	4.2	3.9	4.0	4.5	0.012	0.000	0.000	0.014
11:15:00	9.4	6.8	7.4	7.2	4.4	4.2	4.1	4.4	0.016	0.001	0.000	0.013
11:30:00	8.7	7.3	7.9	7.6	4.8	4.7	4.2	4.5	0.013	0.001	0.000	0.009
11:45:00	8.0	6.8	7.6	7.6	4.3	4.5	4.3	4.4	0.011	0.001	0.000	0.002



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-11-04

Table 3 : 15 Minute Average Concentrations (AM)

	Avg. 2943 - PM10 (µg/m³)	Avg. 2693 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 2693 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 2693 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
12:00:00	8.0	6.7	7.4	8.1	4.3	4.1	4.3	4.3	0.006	0.001	0.000	0.000
12:15:00	8.3	6.4	7.7	7.9	4.1	3.7	4.2	4.2	-0.006	0.002	0.000	0.000
12:30:00	43.6	6.5	8.0	8.5	7.4	3.7	4.1	4.0	-0.019	0.002	0.000	0.000
12:45:00	9.2	6.7	8.1	9.3	4.3	3.8	4.4	4.1	-0.029	0.002	0.000	0.000
13:00:00	9.5	7.1	8.3	9.0	4.3	3.9	4.5	4.3	-0.046	0.002	0.000	0.000
13:15:00	9.6	7.4	9.8	9.1	4.3	3.9	4.5	4.3	-0.055	0.002	0.000	0.000
13:30:00	9.5	7.1	8.3	10.3	4.3	3.9	4.7	4.0	-0.063	0.002	0.000	0.000
13:45:00	9.8	7.3	8.6	9.5	4.4	4.0	4.6	4.3	-0.081	0.001	0.000	0.000
14:00:00	12.3	7.8	9.4	10.2	4.8	4.4	5.1	4.9	-0.107	0.001	0.000	0.000
14:15:00	11.5	9.1	10.8	12.3	5.8	5.5	6.6	6.1	-0.128	0.000	0.000	0.000
14:30:00	11.9	10.5	10.7	12.8	6.2	6.6	6.6	6.0	-0.129	0.000	0.000	0.000
14:45:00	11.5	9.1	9.9	10.6	5.3	5.0	5.3	4.9	-0.140	0.000	0.000	0.000
15:00:00	10.4	8.4	9.8	10.3	4.8	4.6	5.0	4.9	-0.146	0.000	0.000	0.000
15:15:00	10.9	8.4	9.6	10.8	4.8	4.7	5.1	4.8	-0.166	0.000	0.000	0.000
15:30:00	11.4	8.8	10.4	10.8	4.9	4.8	5.2	5.1	-0.161	0.000	0.000	0.000
15:45:00	12.2	8.8	9.8	11.5	5.1	4.8	5.2	5.0	-0.161	0.000	0.000	0.000
16:00:00	11.2	8.6	10.0	10.7	5.0	4.8	5.2	5.1	-0.151	0.000	0.000	0.000
16:15:00	17.8	8.8	10.0	11.7	5.8	4.8	5.4	5.2	-0.138	-0.001	0.000	0.002
16:30:00	15.1	9.1	11.2	11.7	5.6	5.0	5.6	5.5	-0.107	0.000	0.000	0.003
16:45:00	29.0	9.4	11.1	11.7	7.4	5.0	5.7	5.5	-0.081	0.000	0.000	0.004
17:00:00	20.6	9.3	10.3	12.3	6.6	5.1	5.6	5.4	-0.054	0.001	0.000	0.005
17:15:00	27.4	9.4	10.6	12.1	7.4	5.2	5.8	5.5	-0.019	0.000	0.000	0.003
17:30:00	140.5	9.4	10.9	12.3	23.5	5.3	5.9	5.7	-0.003	0.000	0.000	0.002
17:45:00	12.5	10.1	10.3	10.7	6.6	5.6	5.6	5.7	0.005	0.000	0.000	0.001
18:00:00	13.0	10.0	11.6	10.5	7.5	5.8	5.4	5.8	0.006	-0.001	0.000	0.000
18:15:00	12.6	10.7	11.5	11.3	7.2	6.3	5.5	5.7	0.003	-0.001	0.000	0.000
18:30:00	24.1	12.3	19.7	13.6	7.4	7.7	5.9	6.7	-0.002	0.000	0.000	0.000
18:45:00	12.6	11.7	26.0	12.5	5.9	7.0	5.6	7.3	-0.010	0.000	0.000	0.000
19:00:00	12.6	10.7	11.3	12.4	5.7	5.6	5.6	5.8	-0.017	0.001	0.000	0.000
19:15:00	13.1	9.8	10.7	12.3	5.8	5.0	5.6	5.6	-0.021	0.000	0.000	0.000
19:30:00	12.5	9.9	10.8	12.6	5.7	5.1	5.6	5.4	-0.029	0.000	0.000	0.000
19:45:00	58.9	10.0	10.9	12.6	10.4	5.1	5.7	5.6	-0.035	0.000	0.000	0.000
20:00:00	261.7	10.6	13.8	12.2	34.6	5.2	5.6	8.3	-0.041	0.000	0.000	0.000
20:15:00	13.3	10.7	13.7	11.4	6.0	5.2	5.4	8.1	-0.046	0.000	0.000	0.000
20:30:00	16.1	11.4	11.5	11.6	6.2	5.5	5.7	6.2	-0.048	0.000	0.000	0.000
20:45:00	12.5	11.9	11.1	16.0	5.9	5.8	9.4	5.5	-0.052	0.000	0.000	0.000
21:00:00	12.4	11.7	11.5	13.1	5.7	5.7	7.4	5.6	-0.056	0.000	0.000	0.000
21:15:00	12.8	11.1	12.7	11.2	5.8	5.4	5.7	6.3	-0.059	0.001	0.000	0.000
21:30:00	17.2	10.8	12.2	10.5	6.3	5.5	5.2	5.8	-0.058	0.001	0.000	0.000
21:45:00	11.3	11.5	11.8	10.1	5.4	6.2	5.0	5.6	-0.057	0.000	0.000	0.000
22:00:00	11.1	12.4	11.5	10.0	5.3	6.8	5.0	5.6	-0.057	0.000	0.000	0.000
22:15:00	10.9	12.2	10.5	10.2	5.3	6.7	5.1	5.0	-0.058	0.000	0.000	0.000
22:30:00	11.3	11.7	9.8	9.5	5.5	6.0	4.8	4.8	-0.057	0.000	0.000	0.000
22:45:00	12.1	12.2	10.9	11.0	5.8	6.0	5.4	5.3	-0.060	0.000	0.000	0.000
23:00:00	12.7	12.1	12.2	11.7	6.3	6.2	5.7	6.0	-0.062	0.000	0.000	0.000
23:15:00	13.4	12.6	12.8	11.5	6.4	6.3	5.9	6.5	-0.067	0.001	0.000	0.000
23:30:00	13.0	12.5	9.5	11.1	6.6	6.3	5.7	4.9	-0.066	0.001	0.000	0.000
23:45:00	13.4	12.6	11.1	11.7	6.7	6.5	6.0	5.7	-0.063	0.001	0.000	0.000



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-11-04

Table 4 : Summary of Exceedances (greater than Action Level) -

Minute of 15-min intv	Avg. 2943 - PM10 (µg/m³)	Avg. 2693 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 2693 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 2693 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
--------------------------	-----------------------------------	-----------------------------------	-----------------------------------	-----------------------------------	------------------------------------	------------------------------------	------------------------------------	------------------------------------	--------------------------------	--------------------------------	--------------------------------	--------------------------------

20:00:00 261.7