



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-09-17

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.08900 Max : 13.49	2943 ESE	2995 NNE	2996 ESE	2997 W	Min : 61.16 Max : 99.32	Min : 34.80 Max : 91.60	Min : 29.93 Max : 30.14

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)
2943	24.2	198.6	8.4	29.9	-0.105	0.047
2995	111.6	150.1	56.8	79.5	0.006	0.043
2996	13.3	46.9	7.2	15.0	0.009	0.080
2997	14.1	14.6	7.9	8.2	0.000	0.000

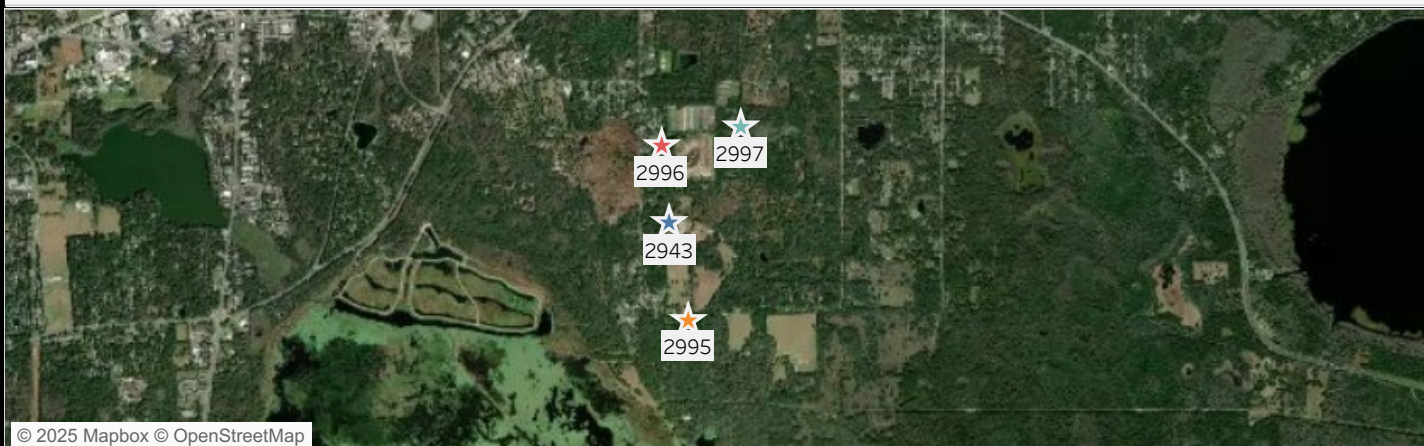


Figure 1 : Monitoring Locations

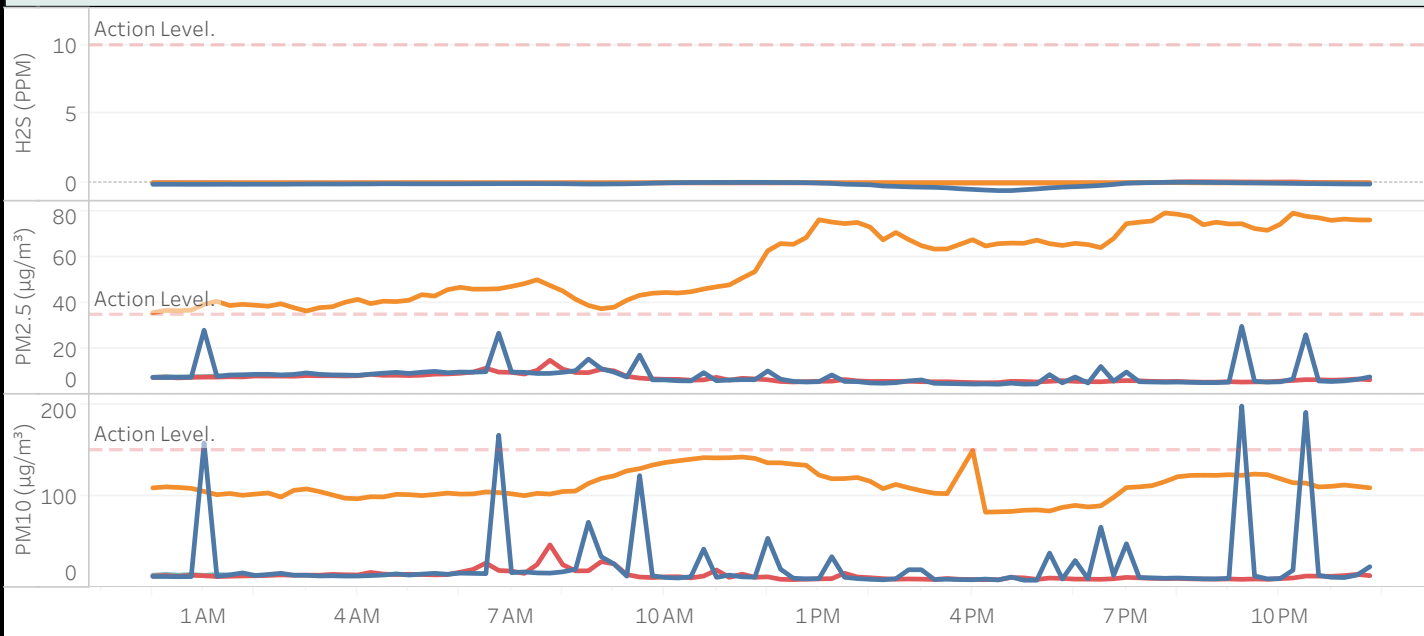


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2995 ■ 2996 ■ 2997



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-09-17

Wind Rose Chart 2943

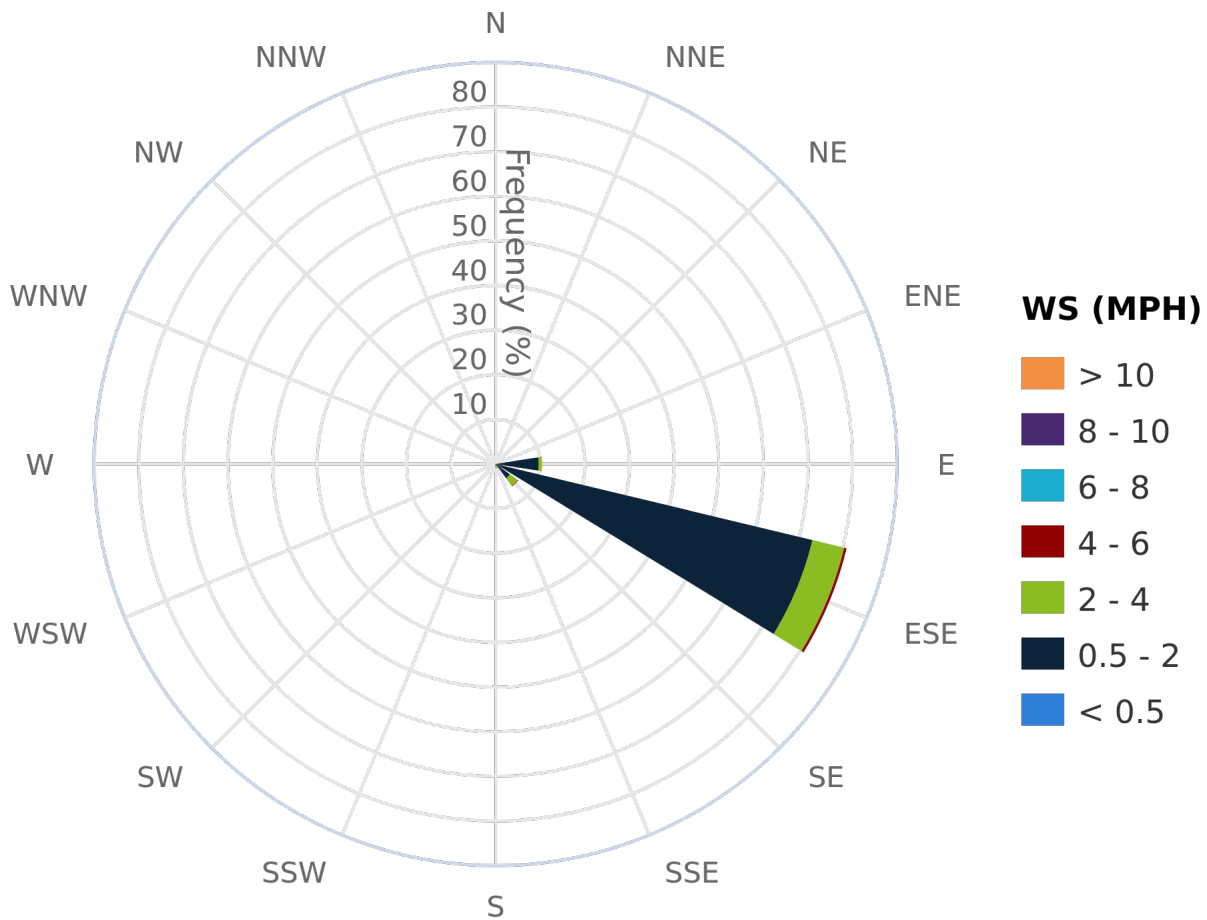


Figure 3 : Wind Rose Chart (WS in MPH)



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-09-17

Wind Rose Chart 2995

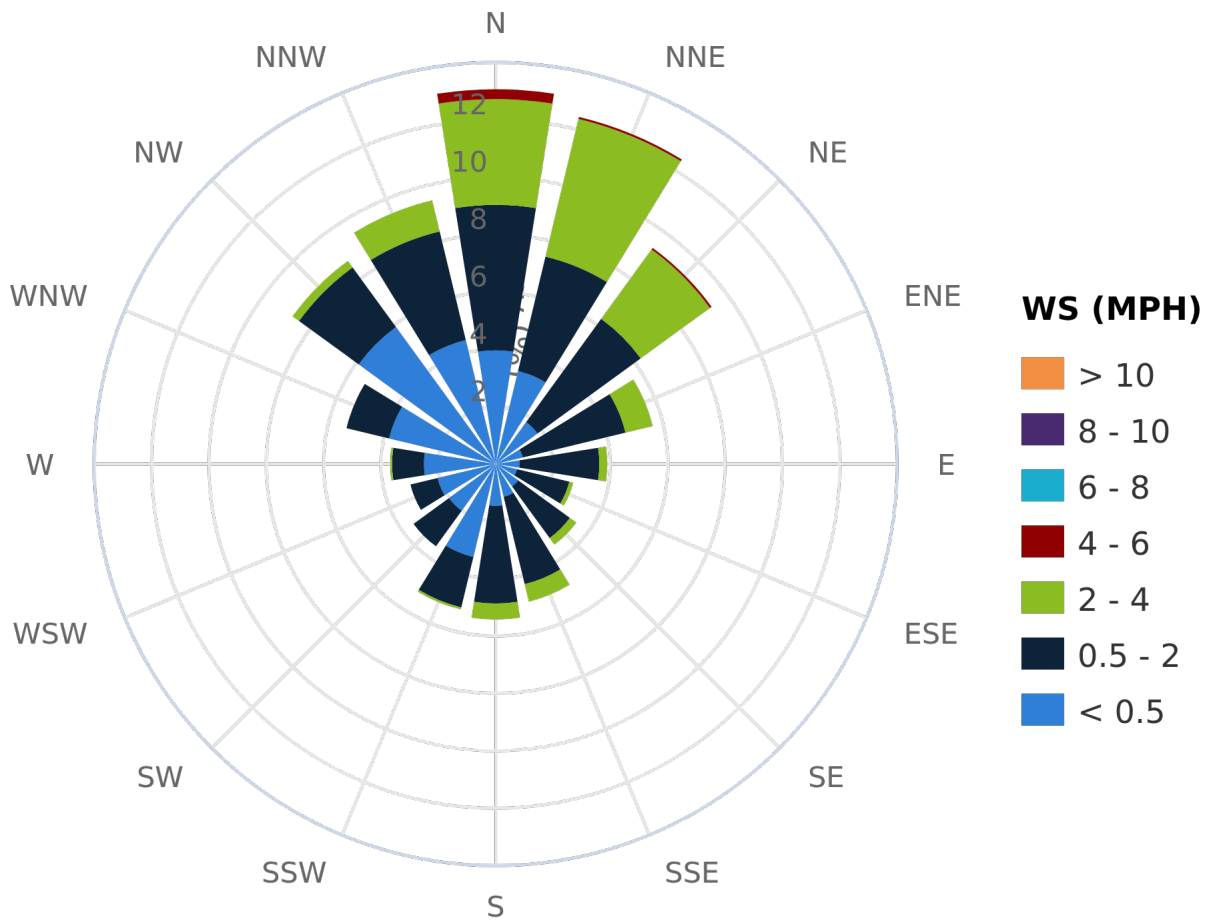


Figure 3 : Wind Rose Chart (WS in MPH)



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-09-17

Wind Rose Chart 2996

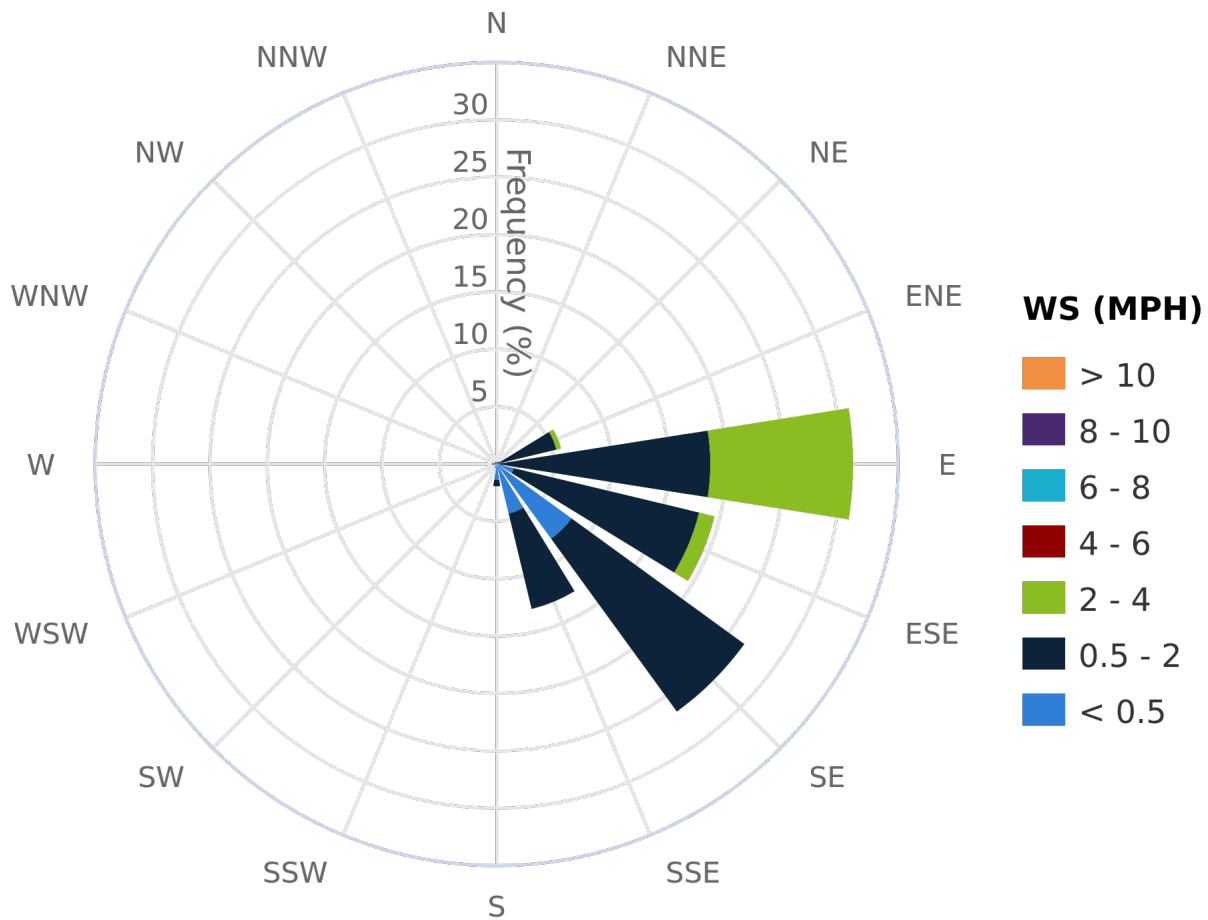


Figure 3 : Wind Rose Chart (WS in MPH)



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-09-16

Wind Rose Chart 2997

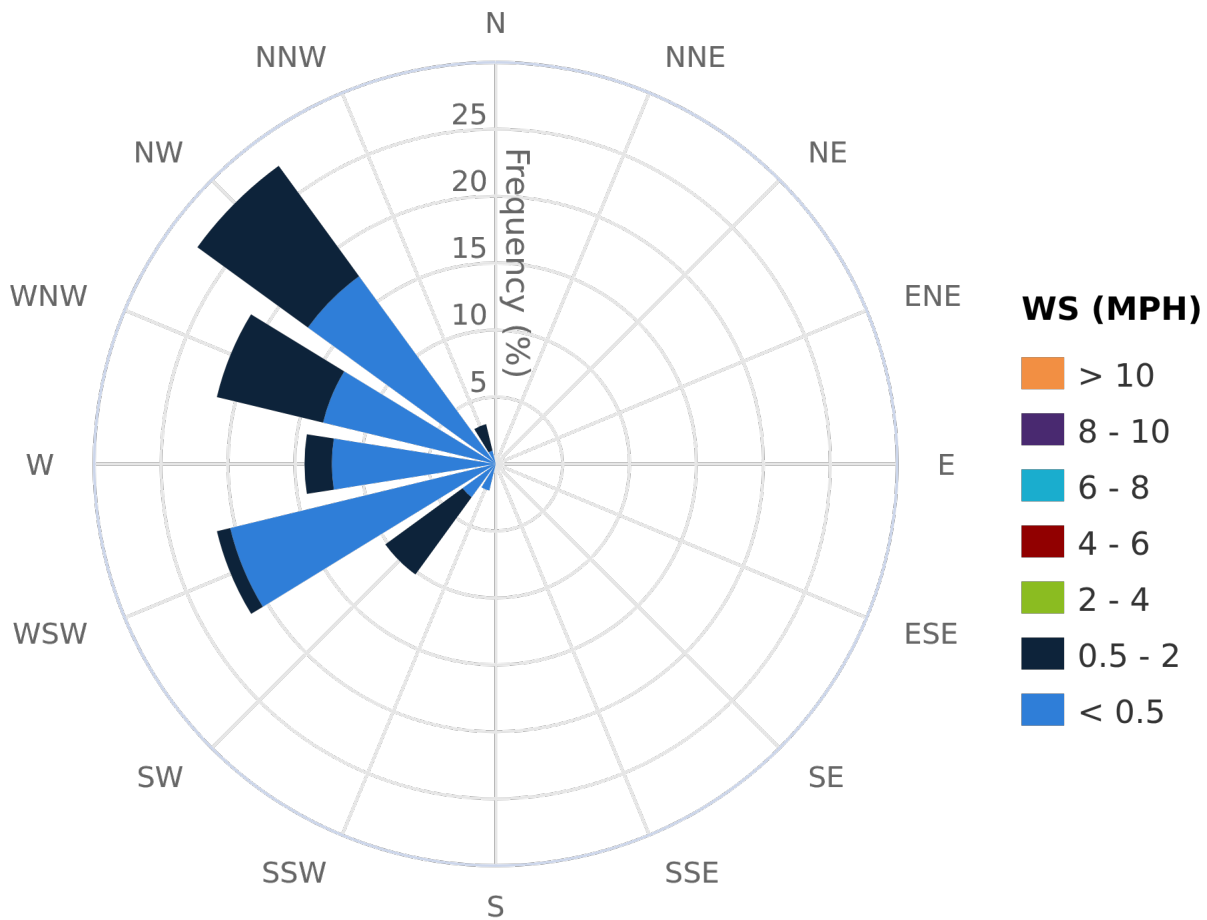


Figure 3 : Wind Rose Chart (WS in MPH)



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-09-17

Table 3 : 15 Minute Average Concentrations (AM)

	Avg. 2943 - PM10 (µg/m³)	Avg. 2995 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 2995 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 2995 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
00:00:00	12.4	109.2	13.7	12.7	7.6	35.9	7.4	7.6	-0.101	0.000	0.000	0.000
00:15:00	12.3	110.3	14.6	13.3	7.5	36.9	7.6	7.9	-0.099	0.000	0.000	0.000
00:30:00	12.1	109.6	13.8	12.4	7.6	36.7	7.3	7.7	-0.100	0.000	0.000	0.000
00:45:00	12.2	108.7	14.5	13.7	7.6	37.0	7.6	7.9	-0.105	0.000	0.000	0.000
01:00:00	158.2	105.3	13.5	13.1	28.2	39.5	7.7	7.9	-0.102	0.000	0.000	0.000
01:15:00	12.5	101.7	14.5	12.2	8.0	40.9	7.7	8.2	-0.101	0.000	0.000	0.000
01:30:00	14.1	103.1	13.9	12.6	8.6	39.0	7.8	7.9	-0.099	0.000	0.000	0.000
01:45:00	16.2	101.1		12.9	8.7	39.5	7.8		-0.100	0.000	0.000	
02:00:00	13.4	102.4		13.1	8.9	39.1	8.2		-0.099	0.000	0.000	
02:15:00	14.5	103.6		13.5	8.9	38.7	8.1		-0.098	0.000	0.000	
02:30:00	15.8	99.2		14.1	8.6	39.8	8.1		-0.096	0.000	0.000	
02:45:00	13.7	106.5		13.7	8.9	38.1	8.1		-0.089	0.000	0.000	
03:00:00	13.6	108.0		13.8	9.5	36.6	8.4		-0.084	0.000	0.000	
03:15:00	12.9	105.2		13.7	8.9	38.1	8.3		-0.080	0.000	0.000	
03:30:00	13.1	101.6		14.6	8.7	38.5	8.3		-0.083	0.000	0.000	
03:45:00	12.8	97.9		14.2	8.6	40.4	8.2		-0.081	0.000	0.000	
04:00:00	12.8	97.3		14.0	8.5	41.7	8.3		-0.076	0.000	0.000	
04:15:00	13.3	99.5		16.8	9.0	39.8	8.9		-0.073	0.000	0.000	
04:30:00	13.9	99.3		14.9	9.4	40.9	8.4		-0.063	0.000	0.000	
04:45:00	15.2	102.1		14.4	9.8	40.8	8.5		-0.063	0.000	0.000	
05:00:00	13.9	101.8		14.8	9.3	41.3	8.4		-0.069	0.000	0.000	
05:15:00	14.9	100.8		14.5	9.8	43.8	8.5		-0.068	0.000	0.000	
05:30:00	15.8	102.0		14.1	10.2	43.2	9.0		-0.069	0.000	0.000	
05:45:00	14.7	103.5		14.4	9.6	45.9	9.1		-0.066	0.000	0.000	
06:00:00	16.0	102.4		17.1	9.9	47.0	9.4		-0.066	0.000	0.000	
06:15:00	15.7	102.6		20.0	9.8	46.2	9.9		-0.063	0.000	0.000	
06:30:00	15.4	104.8		27.1	10.0	46.2	11.6		-0.059	0.000	0.000	
06:45:00	166.8	104.1		18.9	26.9	46.4	9.9		-0.056	0.000	0.000	
07:00:00	16.5	102.7		18.2	9.9	47.4	9.7		-0.055	0.000	0.000	
07:15:00	17.3	100.7		15.7	9.7	48.6	9.0		-0.053	0.000	0.000	
07:30:00	16.2	103.2		25.4	9.3	50.3	10.6		-0.055	0.000	0.000	
07:45:00	16.0	102.4		46.9	9.3	47.8	15.0		-0.058	0.000	0.000	
08:00:00	17.4	105.2		25.2	9.8	45.4	11.2		-0.060	0.000	0.000	
08:15:00	20.2	105.8		18.5	10.5	41.8	9.7		-0.072	0.000	0.000	
08:30:00	71.6	114.0		18.6	15.6	39.1	9.6		-0.085	0.000	0.000	
08:45:00	34.0	119.5		28.5	11.4	37.6	11.1		-0.083	0.000	0.000	
09:00:00	26.0	122.3		26.2	9.9	38.3	10.4		-0.076	0.000	0.000	
09:15:00	12.7	127.7		14.4	7.7	41.3	8.0		-0.068	0.000	0.000	
09:30:00	122.6	130.2		11.7	17.3	43.5	7.2		-0.049	0.000	0.000	
09:45:00	13.0	134.1		11.2	6.5	44.4	6.9		-0.016	0.001	0.000	
10:00:00	11.3	136.9		11.9	6.4	44.7	6.7		0.004	0.015	0.000	
10:15:00	10.7	138.8		12.1	6.1	44.5	6.7		0.017	0.020	0.000	
10:30:00	12.0	140.5		10.8	6.0	45.0	6.3		0.026	0.033	0.000	
10:45:00	42.3	142.2		12.8	9.6	46.2	6.5		0.030	0.037	0.000	
11:00:00	11.4	142.0		19.4	6.1	47.2	7.6		0.033	0.038	0.000	
11:15:00	13.8	142.2		11.3	6.4	48.0	6.3		0.031	0.038	0.000	
11:30:00	12.0	142.9		14.9	6.6	51.0	7.2		0.037	0.043	0.000	
11:45:00	11.6	141.4		11.5	6.5	53.9	6.9		0.036	0.041	0.000	



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-09-17

Table 3 : 15 Minute Average Concentrations (AM)

	Avg. 2943 - PM10 (µg/m³)	Avg. 2995 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 2995 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 2995 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
12:00:00	54.1	136.6		11.9	10.4	63.0	6.5		0.035	0.040	0.000	
12:15:00	20.3	136.6		9.3	6.8	66.1	5.8		0.027	0.037	0.000	
12:30:00	10.4	135.1		8.9	5.8	65.8	5.6		0.023	0.032	0.000	
12:45:00	9.8	133.9		9.4	5.5	68.8	5.7		0.014	0.024	0.000	
13:00:00	9.9	123.2		9.8	5.7	76.6	5.9		-0.008	0.013	0.000	
13:15:00	34.0	119.2		10.0	8.6	75.6	5.9		-0.041	0.003	0.000	
13:30:00	11.4	119.4		15.8	5.8	74.9	6.6		-0.093	0.000	0.000	
13:45:00	10.0	120.5		11.8	5.7	75.4	6.0		-0.116	0.000	0.000	
14:00:00	9.3	116.3		11.0	5.1	73.3	5.8		-0.138	0.000	0.000	
14:15:00	8.7	108.4		10.0	5.0	67.8	5.8		-0.226	0.000	0.000	
14:30:00	9.8	113.0		9.4	5.3	71.0	5.8		-0.255	0.000	0.000	
14:45:00	19.7	109.3		9.6	6.0	67.9	5.9		-0.287	0.000	0.000	
15:00:00	19.7	106.0		9.4	6.4	65.2	5.7		-0.310	0.000	0.000	
15:15:00	9.1	103.3		9.0	5.0	63.7	5.6		-0.323	0.000	0.000	
15:30:00	9.3	102.8		10.2	4.9	63.8	5.6		-0.362	0.000	0.000	
15:45:00	8.9			9.3	4.8		5.4		-0.426	0.000	0.000	
16:00:00	8.7	150.1		9.0	4.6	67.8	5.3		-0.473	0.000	0.000	
16:15:00	9.5	82.7		8.9	4.7	65.1	5.2		-0.521	0.000	0.000	
16:30:00	8.6	83.0		8.8	4.6	66.1	5.3		-0.559	0.000	0.000	
16:45:00	11.7	83.4		11.3	5.0	66.3	5.8		-0.557	0.000	0.000	
17:00:00	8.3	84.7		10.8	4.6	66.3	5.8		-0.497	0.000	0.000	
17:15:00	8.3	85.1		9.2	4.7	67.6	5.6		-0.439	0.000	0.000	
17:30:00	37.9	83.9		10.6	8.8	66.1	5.8		-0.365	0.000	0.000	
17:45:00	9.6	87.9		10.3	5.2	65.3	6.1		-0.310	0.000	0.000	
18:00:00	29.8	90.0		9.4	7.7	66.2	5.8		-0.275	0.000	0.000	
18:15:00	9.7	88.4		9.5	5.1	65.7	5.7		-0.238	0.000	0.000	
18:30:00	66.3	89.6		9.2	12.3	64.4	5.6		-0.186	0.000	0.000	
18:45:00	13.5	98.8		9.9	5.9	68.4	6.0		-0.114	0.000	0.000	
19:00:00	48.1	109.6		11.3	9.9	74.8	6.2		-0.022	0.015	0.000	
19:15:00	11.2	110.3		10.9	5.6	75.5	6.1		0.006	0.020	0.005	
19:30:00	10.8	111.7		10.2	5.5	76.0	5.8		0.022	0.020	0.022	
19:45:00	10.4	116.0		10.1	5.4	79.5	5.7		0.038	0.024	0.043	
20:00:00	10.7	121.4		10.2	5.5	79.0	5.8		0.047	0.023	0.070	
20:15:00	10.2	122.8		9.8	5.4	78.0	5.6		0.045	0.009	0.080	
20:30:00	9.8	123.0		9.5	5.3	74.4	5.5		0.036	0.007	0.080	
20:45:00	9.7	122.9		9.4	5.3	75.5	5.5		0.027	0.001	0.075	
21:00:00	10.3	123.6		9.6	5.4	74.7	5.7		0.018	0.000	0.071	
21:15:00	198.6	122.9		9.2	29.9	74.8	5.5		0.004	0.000	0.067	
21:30:00	12.9	124.3		9.6	5.8	72.7	5.6		-0.003	0.000	0.063	
21:45:00	9.7	123.7		9.3	5.5	71.9	5.6		-0.013	0.000	0.059	
22:00:00	10.0	119.2		10.0	5.6	74.6	5.9		-0.026	0.000	0.062	
22:15:00	19.2	114.8		10.7	6.8	79.5	6.2		-0.038	0.000	0.068	
22:30:00	191.7	114.4		12.8	26.2	78.1	6.6		-0.050	0.000	0.044	
22:45:00	13.5	110.2		12.7	6.0	77.4	6.5		-0.058	0.000	0.028	
23:00:00	11.5	110.9		12.6	5.7	76.3	6.3		-0.067	0.000	0.022	
23:15:00	11.2	112.3		13.3	6.0	76.9	6.5		-0.075	0.000	0.020	
23:30:00	13.9	110.8		14.6	6.6	76.5	6.8		-0.081	0.000	0.013	
23:45:00	23.0	109.2		13.2	7.8	76.5	6.5		-0.087	0.000	0.006	



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-09-17

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

Minute of 15-min intv	Avg. 2943 - PM10 (µg/m³)	Avg. 2995 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 2995 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 2995 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
00:00:00					35.9							
00:15:00					36.9							
00:30:00					36.7							
00:45:00					37.0							
01:00:00	158.2				39.5							
01:15:00					40.9							
01:30:00					39.0							
01:45:00					39.5							
02:00:00					39.1							
02:15:00					38.7							
02:30:00					39.8							
02:45:00					38.1							
03:00:00					36.6							
03:15:00					38.1							
03:30:00					38.5							
03:45:00					40.4							
04:00:00					41.7							
04:15:00					39.8							
04:30:00					40.9							
04:45:00					40.8							
05:00:00					41.3							
05:15:00					43.8							
05:30:00					43.2							
05:45:00					45.9							
06:00:00					47.0							
06:15:00					46.2							
06:30:00					46.2							
06:45:00	166.8				46.4							
07:00:00					47.4							
07:15:00					48.6							
07:30:00					50.3							
07:45:00					47.8							
08:00:00					45.4							
08:15:00					41.8							
08:30:00					39.1							
08:45:00					37.6							
09:00:00					38.3							
09:15:00					41.3							
09:30:00					43.5							
09:45:00					44.4							
10:00:00					44.7							
10:15:00					44.5							