



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-12-27

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0 Max : 4.921	2943 E	3277 S	2996 SW	2997 SW	Min : 56.12 Max : 78.44	Min : 60.70 Max : 91.00	Min : 30.00 Max : 30.18

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	11.9	42.5	5.8	11.9	0.006	0.031
2996	10.0	16.0	5.4	9.5	0.000	0.000
2997	10.4	20.2	5.5	10.9	0.004	0.022
3277	9.7	20.9	6.4	16.3	0.005	0.031

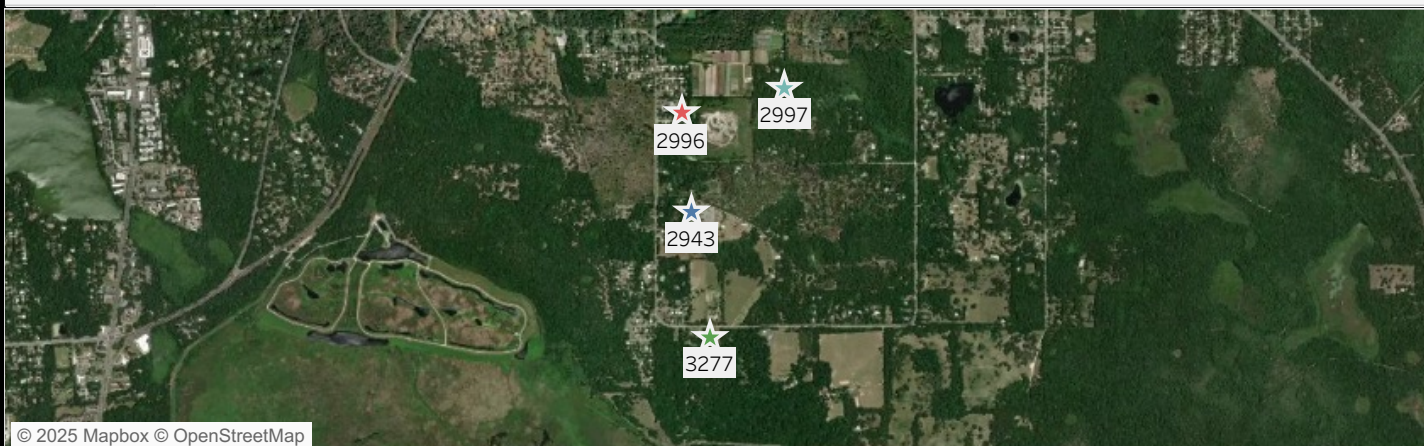


Figure 1 : Monitoring Locations

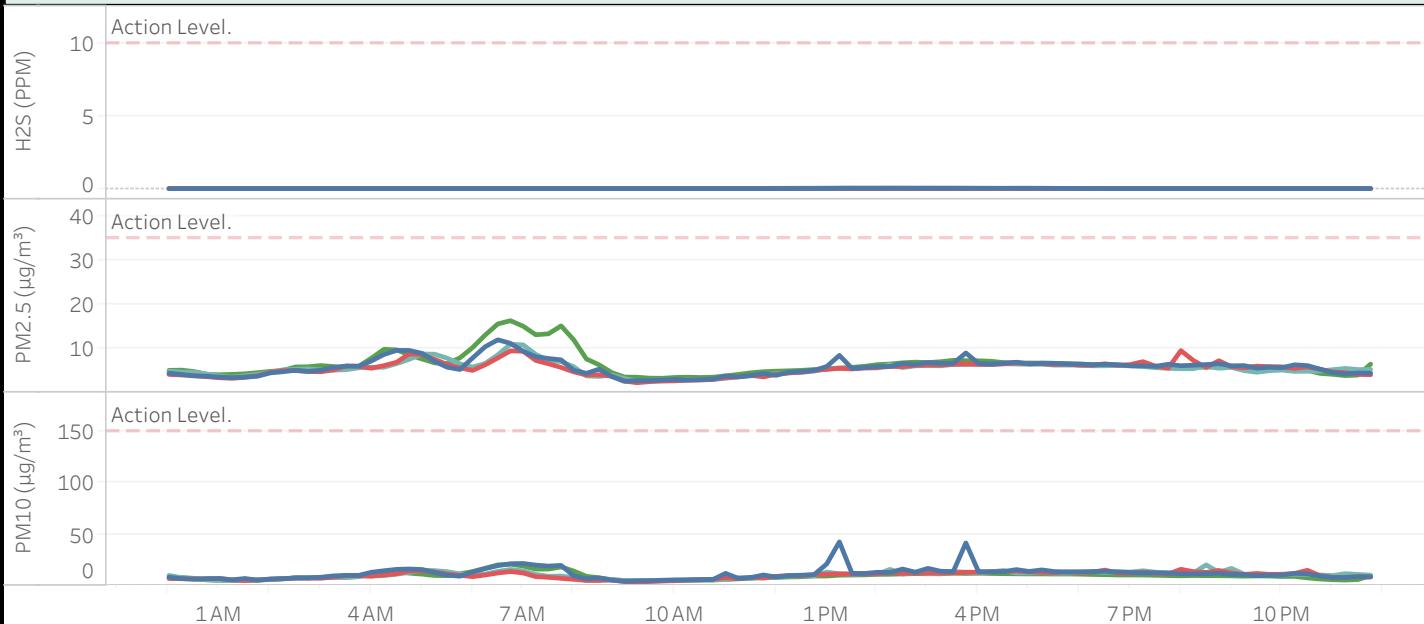


Figure 2 : 15 Minutes Average Concentrations

2943 2996 2997 3277



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-12-27

Wind Rose Chart 2943

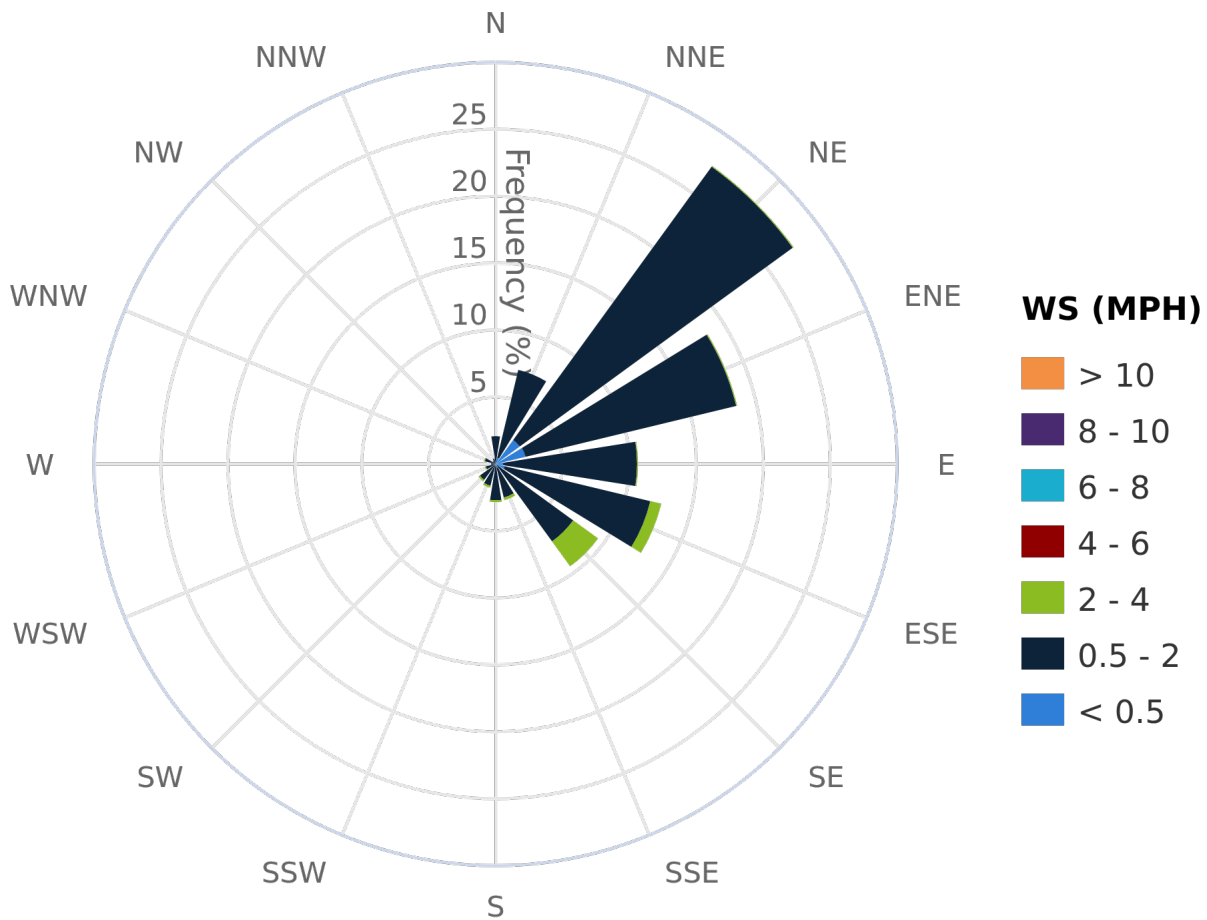


Figure 3 : Wind Rose Chart (WS in MPH)



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-12-27

Wind Rose Chart 3277

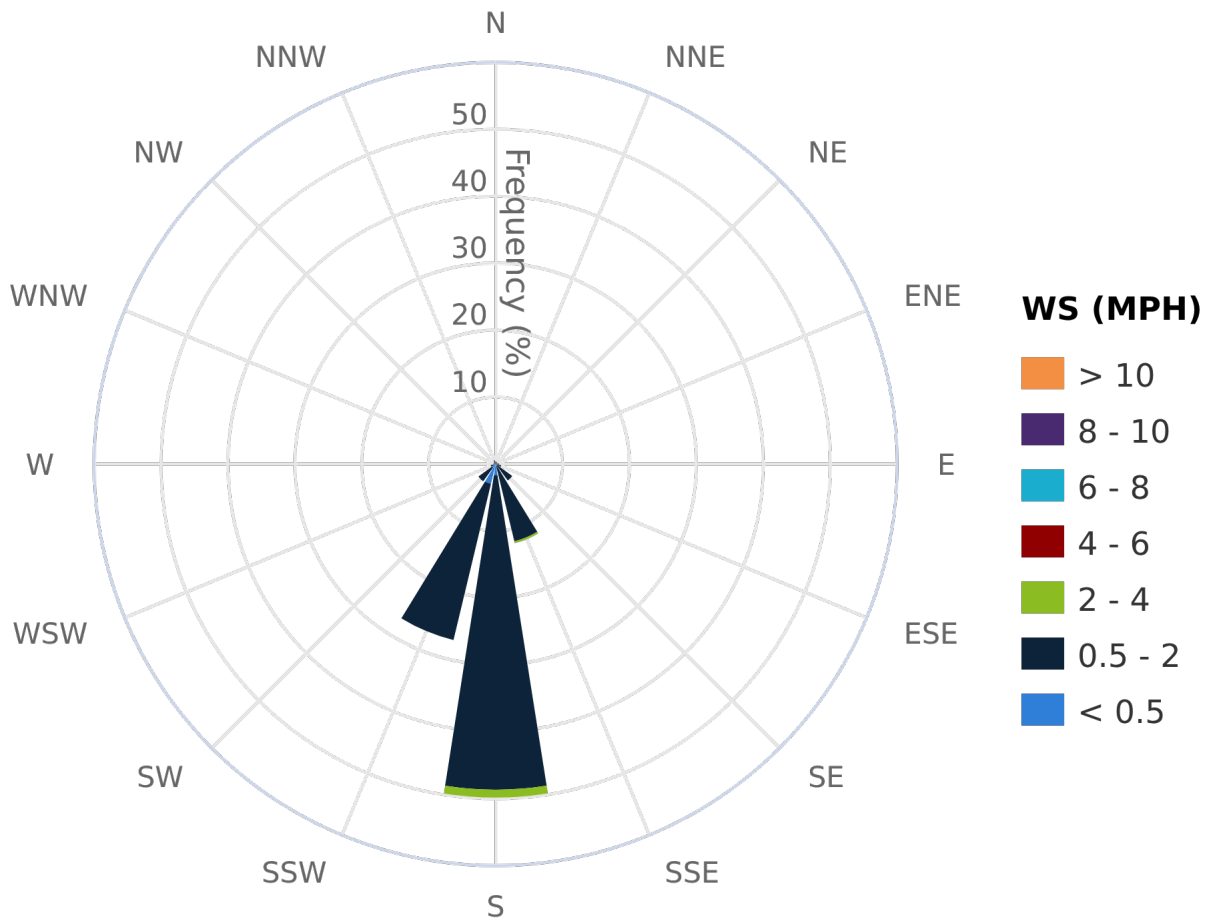


Figure 3 : Wind Rose Chart (WS in MPH)



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-12-27

Wind Rose Chart 2996

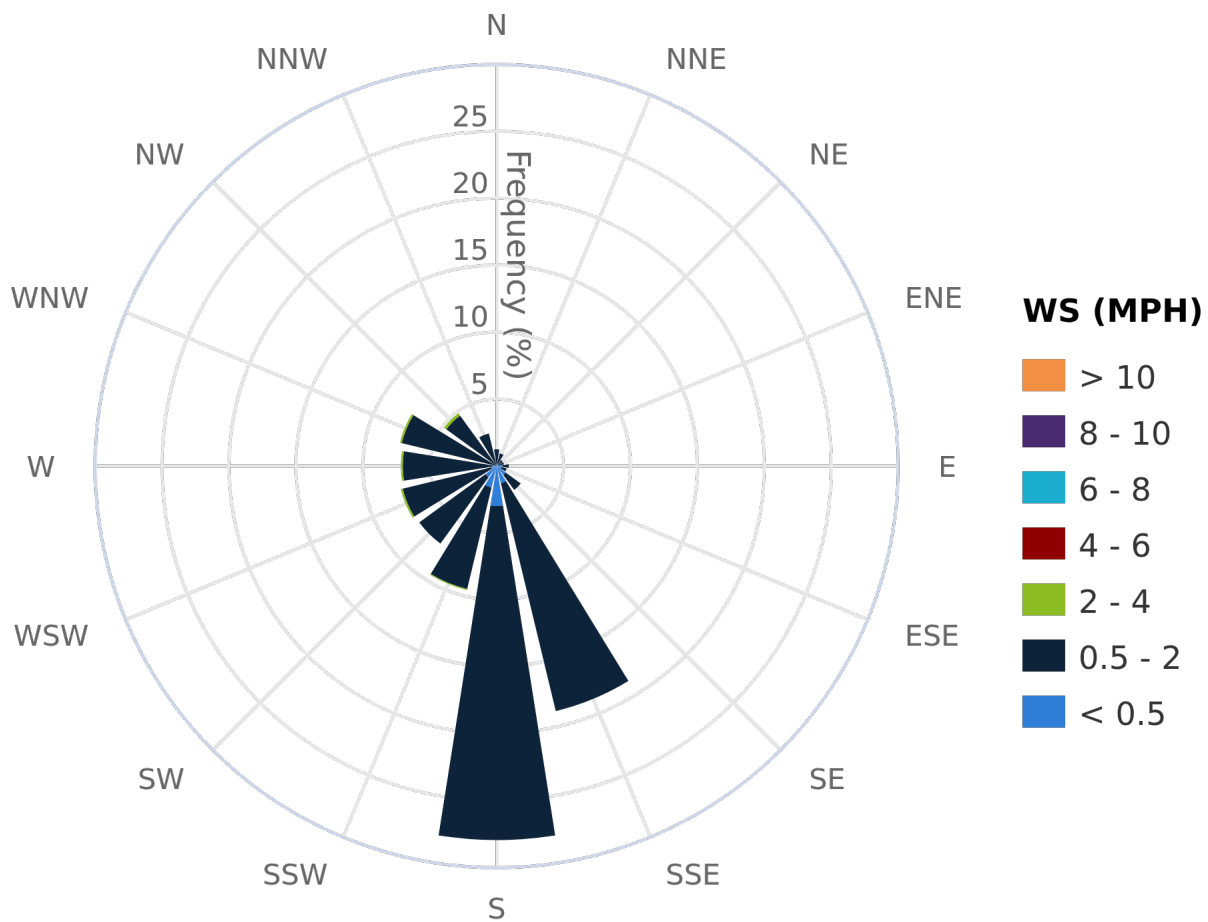


Figure 3 : Wind Rose Chart (WS in MPH)



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-12-27

Wind Rose Chart 2997

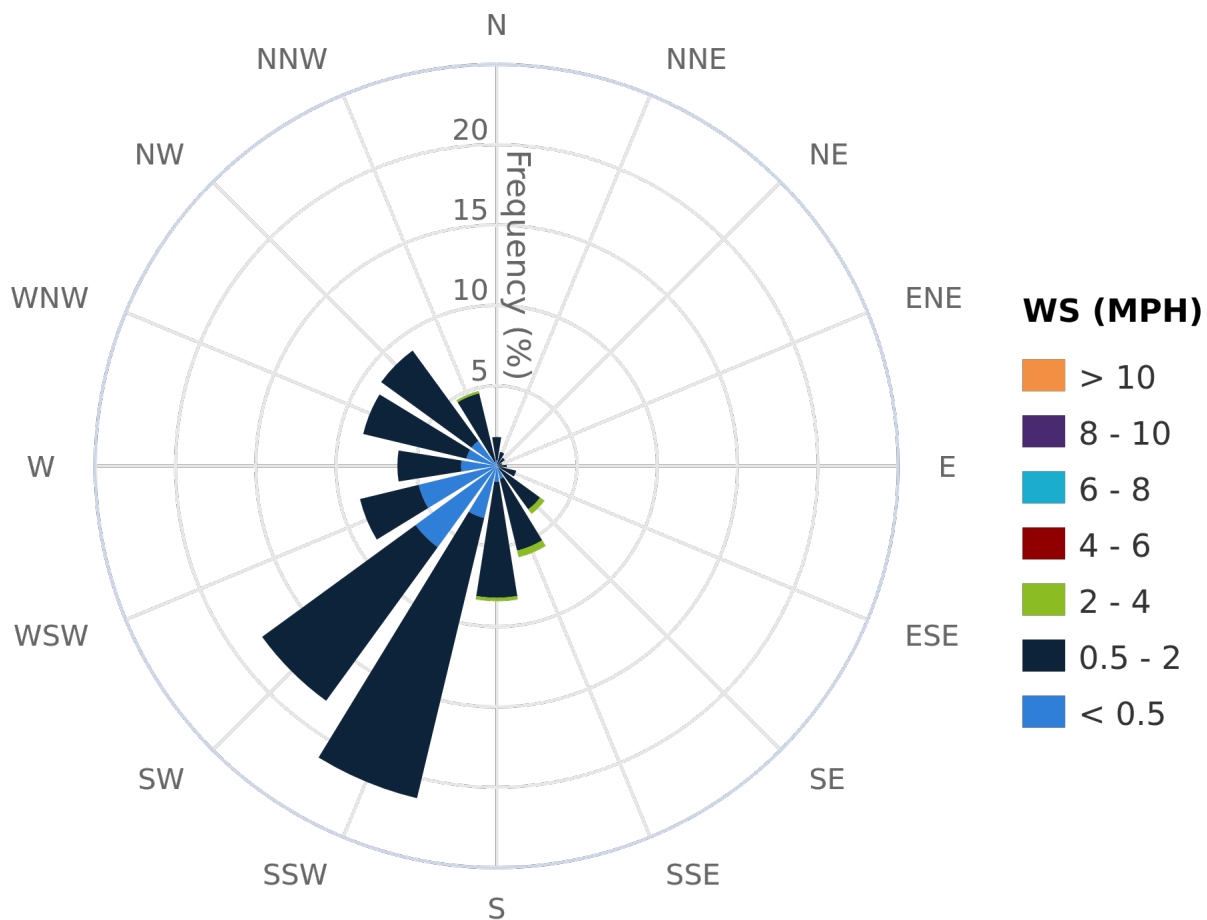


Figure 3 : Wind Rose Chart (WS in MPH)



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-12-27

Table 3 : 15 Minute Average Concentrations (AM)

	Avg. 2943 - PM10 (µg/m³)	Avg. 3277 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 3277 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 3277 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
00:00:00	8.3	8.1	10.1	7.0	4.4	5.0	4.1	4.9	0.000	0.000	0.000	0.000
00:15:00	6.9	8.0	7.7	6.8	4.1	5.1	4.0	4.6	0.000	0.000	0.000	0.000
00:30:00	6.3	7.2	6.7	6.6	3.8	4.8	3.9	4.6	0.000	0.000	0.000	0.000
00:45:00	7.0	5.6	6.1	6.7	3.7	4.1	3.6	4.2	0.000	0.000	0.000	0.000
01:00:00	7.0	5.3	5.2	7.1	3.5	4.0	3.4	3.8	0.000	0.000	0.000	0.000
01:15:00	5.7	5.3	4.9	5.7	3.4	4.1	3.2	3.5	0.000	0.000	0.000	0.000
01:30:00	7.1	5.4	5.1	5.1	3.5	4.3	3.5	3.8	0.000	0.000	0.000	0.000
01:45:00	5.4	5.7	5.5	5.5	3.7	4.5	3.8	4.1	0.000	0.000	0.000	0.000
02:00:00	6.5	6.1	5.9	6.5	4.5	4.8	4.6	4.6	0.000	0.000	0.000	0.000
02:15:00	6.9	6.6	7.0	6.9	4.7	5.0	5.0	5.1	0.000	0.000	0.000	0.000
02:30:00	7.6	7.7	7.3	7.5	5.1	5.8	5.0	5.3	0.000	0.000	0.000	0.000
02:45:00	7.6	7.7	7.9	7.3	4.8	5.8	4.8	5.4	0.000	0.000	0.000	0.000
03:00:00	8.2	8.2	7.7	7.3	5.1	6.1	4.7	5.2	0.000	0.000	0.000	0.000
03:15:00	9.6	8.3	7.9	8.4	5.7	5.9	5.1	5.1	0.000	0.000	0.000	0.000
03:30:00	10.1	8.1	8.3	9.8	6.0	5.6	6.0	5.2	0.000	0.000	0.000	0.000
03:45:00	10.1	8.8	9.0	10.0	6.0	6.0	6.0	5.6	0.000	0.000	0.000	0.000
04:00:00	13.1	11.8	9.8	9.2	7.2	7.8	5.5	5.8	0.000	0.000	0.000	0.000
04:15:00	14.6	13.9	9.9	10.4	8.6	9.8	6.1	5.7	0.000	0.000	0.000	0.000
04:30:00	15.9	13.8	11.2	11.6	9.6	9.7	6.9	6.6	0.000	0.000	0.000	0.000
04:45:00	16.2	12.2	12.9	14.3	9.5	8.5	8.8	7.5	0.000	0.000	0.000	0.000
05:00:00	15.8	11.3	15.1	14.4	8.9	7.6	8.6	8.7	0.000	0.000	0.000	0.000
05:15:00	13.0	10.0	14.7	13.3	7.1	6.7	7.5	8.7	0.000	0.000	0.000	0.000
05:30:00	10.3	9.8	13.6	11.4	5.7	6.5	6.4	7.8	0.000	0.000	0.000	0.000
05:45:00	9.3	11.6	11.5	10.1	5.2	7.9	5.6	6.5	0.000	0.000	0.000	0.000
06:00:00	13.3	13.8	10.2	8.8	7.8	10.2	5.0	5.8	0.000	0.000	0.000	0.000
06:15:00	16.6	17.0	11.3	10.4	10.4	13.0	6.3	6.6	0.000	0.000	0.000	0.000
06:30:00	19.5	20.2	14.0	12.4	11.9	15.5	7.8	8.6	0.000	0.000	0.000	0.000
06:45:00	21.3	20.9	15.8	13.8	11.1	16.3	9.4	10.9	0.000	0.000	0.000	0.000
07:00:00	21.6	19.1	14.5	12.4	9.4	15.0	9.3	10.8	0.000	0.000	0.000	0.000
07:15:00	20.0	16.2	10.9	8.8	8.1	13.1	7.3	8.6	0.000	0.000	0.000	0.000
07:30:00	19.1	16.1	9.2	8.2	7.7	13.3	6.5	7.2	0.000	0.000	0.000	0.000
07:45:00	19.7	18.2	9.4	7.2	7.4	15.1	5.7	7.0	0.000	0.000	0.000	0.000
08:00:00	9.6	14.2	8.0	6.3	5.0	11.9	4.7	5.9	0.000	0.000	0.000	0.000
08:15:00	6.8	9.1	5.1	5.2	4.4	7.6	4.0	3.8	0.000	0.000	0.000	0.000
08:30:00	7.5	7.8	5.0	5.4	5.3	6.3	4.0	3.7	0.000	0.000	0.000	0.000
08:45:00	5.4	5.9	6.2	5.5	3.6	4.5	3.7	4.0	0.000	0.000	0.000	0.000
09:00:00	4.3	4.8	5.1	4.1	2.6	3.5	2.6	3.2	0.000	0.000	0.000	0.000
09:15:00	4.8	4.8	4.4	3.6	2.7	3.5	2.2	2.6	0.000	0.000	0.000	0.000
09:30:00	4.9	4.6	5.0	4.1	2.8	3.3	2.5	2.8	0.000	0.000	0.000	0.000
09:45:00	5.4	4.9	5.0	4.6	2.9	3.3	2.6	2.9	0.000	0.000	0.000	0.000
10:00:00	5.7	5.3	5.5	4.9	3.0	3.4	2.7	2.7	0.000	0.000	0.000	0.000
10:15:00	5.7	5.4	5.4	5.6	2.9	3.5	2.8	2.9	0.000	0.000	0.000	0.000
10:30:00	6.0	5.5	5.6	5.8	2.9	3.4	2.8	2.9	0.000	0.000	0.000	0.000
10:45:00	6.0	5.7	5.7	6.3	3.1	3.5	3.0	3.0	0.000	0.001	0.000	0.000
11:00:00	12.0	6.0	6.0	7.8	3.8	3.8	3.4	3.2	0.000	0.005	0.000	0.000
11:15:00	7.2	6.7	7.8	6.9	3.6	4.1	3.5	3.6	0.000	0.006	0.000	0.000
11:30:00	8.0	7.3	7.2	8.2	3.9	4.5	3.9	3.8	0.000	0.013	0.000	0.000
11:45:00	10.4	7.9	8.5	7.4	4.3	4.7	3.6	4.1	0.000	0.016	0.000	0.000



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-12-27

Table 3 : 15 Minute Average Concentrations (AM)

	Avg. 2943 - PM10 (µg/m³)	Avg. 3277 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 3277 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 3277 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
12:00:00	8.5	8.1	9.1	9.1	3.9	4.9	4.1	4.3	0.000	0.020	0.000	0.001
12:15:00	9.9	8.5	9.4	9.8	4.6	4.9	4.5	4.5	0.005	0.023	0.000	0.002
12:30:00	10.3	8.7	9.5	9.8	4.8	5.0	4.6	4.6	0.007	0.025	0.000	0.006
12:45:00	10.7	9.4	9.8	10.8	5.0	5.2	5.0	4.9	0.011	0.026	0.000	0.011
13:00:00	21.1	9.4	13.2	11.1	5.9	5.3	5.3	5.5	0.016	0.031	0.000	0.010
13:15:00	42.5	10.2	11.7	11.4	8.4	5.6	5.5	5.5	0.023	0.030	0.000	0.018
13:30:00	12.0	10.4	11.2	11.5	5.5	5.7	5.4	5.4	0.027	0.030	0.000	0.020
13:45:00	11.9	10.6	11.8	11.4	5.7	5.9	5.6	5.6	0.026	0.027	0.000	0.020
14:00:00	13.0	11.0	11.2	11.7	5.9	6.3	5.7	5.6	0.027	0.029	0.000	0.019
14:15:00	12.9	11.1	15.9	12.9	5.9	6.5	5.9	6.4	0.031	0.026	0.000	0.020
14:30:00	16.2	11.5	11.3	12.0	6.6	6.7	5.9	5.7	0.030	0.024	0.000	0.022
14:45:00	13.2	11.7	12.7	12.4	6.4	6.9	6.2	6.1	0.025	0.026	0.000	0.021
15:00:00	16.9	11.6	11.9	12.5	6.8	6.8	6.2	6.1	0.028	0.024	0.000	0.022
15:15:00	14.1	11.7	11.5	12.1	6.6	7.0	6.2	6.1	0.027	0.024	0.000	0.021
15:30:00	13.7	12.1	13.9	12.5	6.6	7.3	6.4	6.4	0.028	0.024	0.000	0.019
15:45:00	41.5	11.9	13.1	13.1	9.0	7.2	6.5	6.4	0.029	0.020	0.000	0.017
16:00:00	13.7	12.1	12.4	13.2	6.6	7.2	6.4	6.4	0.027	0.015	0.000	0.017
16:15:00	13.5	11.9	13.7	13.5	6.4	7.1	6.4	6.3	0.025	0.012	0.000	0.019
16:30:00	13.7	11.7	14.8	13.8	6.7	6.8	6.5	6.6	0.024	0.009	0.000	0.015
16:45:00	15.7	11.6	12.4	14.3	6.9	6.7	6.7	6.5	0.028	0.006	0.000	0.015
17:00:00	13.9	11.5	12.4	13.4	6.5	6.7	6.5	6.4	0.027	0.005	0.000	0.013
17:15:00	15.4	11.5	12.7	13.1	6.7	6.7	6.6	6.4	0.025	0.006	0.000	0.011
17:30:00	13.8	11.3	12.1	12.6	6.6	6.6	6.3	6.2	0.018	0.006	0.000	0.010
17:45:00	13.4	11.4	12.2	13.4	6.5	6.6	6.5	6.2	0.013	0.000	0.000	0.007
18:00:00	13.6	11.3	12.8	12.9	6.4	6.5	6.2	6.2	0.010	0.000	0.000	0.006
18:15:00	13.7	10.9	13.6	13.2	6.3	6.3	6.2	6.1	0.006	0.000	0.000	0.002
18:30:00	14.0	10.8	13.0	15.2	6.4	6.3	6.5	6.1	0.000	0.000	0.000	0.000
18:45:00	13.5	10.4	13.5	12.4	6.3	6.2	6.2	6.1	0.000	0.000	0.000	0.000
19:00:00	12.9	10.4	13.3	12.1	6.1	6.2	6.4	6.1	0.000	0.000	0.000	0.000
19:15:00	12.4	10.4	14.5	13.3	6.0	6.2	7.0	5.9	0.000	0.000	0.000	0.000
19:30:00	12.6	10.1	13.1	12.1	5.9	6.0	6.0	5.6	0.000	0.000	0.000	0.000
19:45:00	12.1	9.9	12.8	11.4	6.4	5.9	5.5	5.5	0.000	0.000	0.000	0.000
20:00:00	11.7	9.6	13.0	16.0	6.1	5.8	9.5	5.4	0.000	0.000	0.000	0.000
20:15:00	11.6	9.9	12.6	13.6	6.2	5.7	7.2	5.4	0.000	0.000	0.000	0.000
20:30:00	11.6	9.8	20.2	12.9	6.4	5.8	5.7	6.0	0.000	0.000	0.000	0.000
20:45:00	12.3	9.7	13.1	14.8	6.5	5.8	7.2	5.5	0.000	0.000	0.000	0.000
21:00:00	10.9	9.6	16.8	12.3	6.1	5.9	5.8	5.7	0.000	0.000	0.000	0.000
21:15:00	10.9	9.3	11.2	10.9	6.1	5.8	5.6	5.0	0.000	0.000	0.000	0.000
21:30:00	9.7	9.5	11.1	11.9	5.5	5.8	6.0	4.6	0.000	0.000	0.000	0.000
21:45:00	10.3	9.4	11.0	11.1	5.7	5.8	5.9	5.0	0.000	0.000	0.000	0.000
22:00:00	10.3	9.0	10.3	11.1	5.6	5.8	5.8	5.1	0.000	0.000	0.000	0.000
22:15:00	12.0	9.1	11.2	12.0	6.3	5.7	5.5	4.8	0.000	0.000	0.000	0.000
22:30:00	11.5	7.7	10.9	15.0	6.1	5.0	5.8	4.8	0.000	0.000	0.000	0.000
22:45:00	9.5	6.5	10.5	9.8	5.3	4.3	5.3	4.9	0.000	0.000	0.000	0.000
23:00:00	8.0	5.9	9.9	8.1	4.5	4.1	4.7	5.2	0.000	0.000	0.000	0.000
23:15:00	8.0	5.5	11.7	8.1	4.3	3.8	4.5	5.5	0.000	0.000	0.000	0.000
23:30:00	8.8	6.0	11.0	8.7	4.4	4.0	4.1	5.2	0.000	0.000	0.000	0.000
23:45:00	8.7	9.7	10.2	8.4	4.4	6.4	4.1	5.2	0.000	0.000	0.000	0.000



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-12-27

Table 4 : Summary of Exceedances (greater than Action Level) - *None*