



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-08-31

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.1570 Max : 13.22	2943 E	2995 N	2996 SSE	2997 N	Min : 70.16 Max : 91.58	Min : 60.90 Max : 92.10	Min : 29.87 Max : 30.04

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	13.1	25.7	5.7	10.1	0.000	0.063
2995	11.0	22.8	5.1	10.6	0.010	0.046
2996	12.4	22.8	6.0	11.2	0.001	0.013
2997	12.1	22.8	5.5	9.7	0.006	0.030

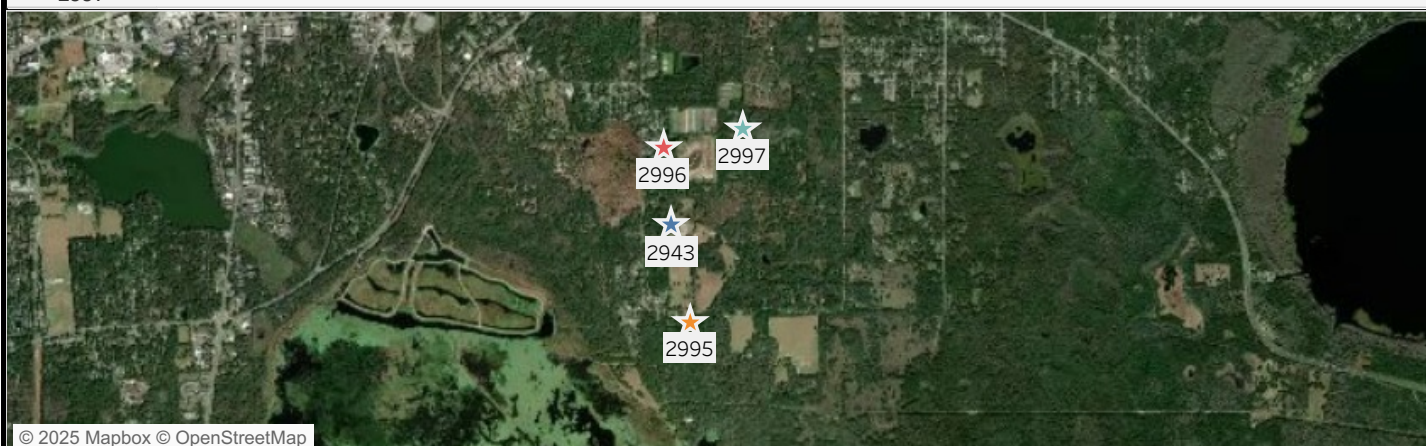


Figure 1 : Monitoring Locations

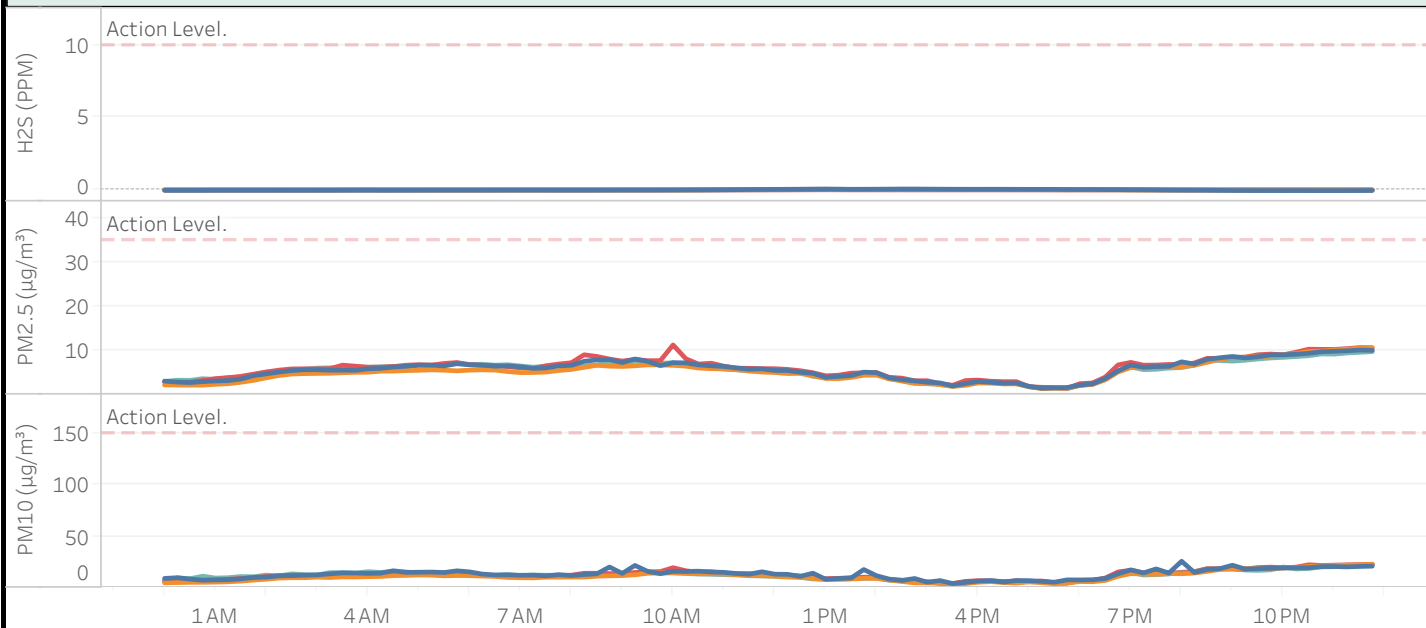


Figure 2 : 15 Minutes Average Concentrations

2943 2995 2996 2997



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-08-31

Wind Rose Chart 2943

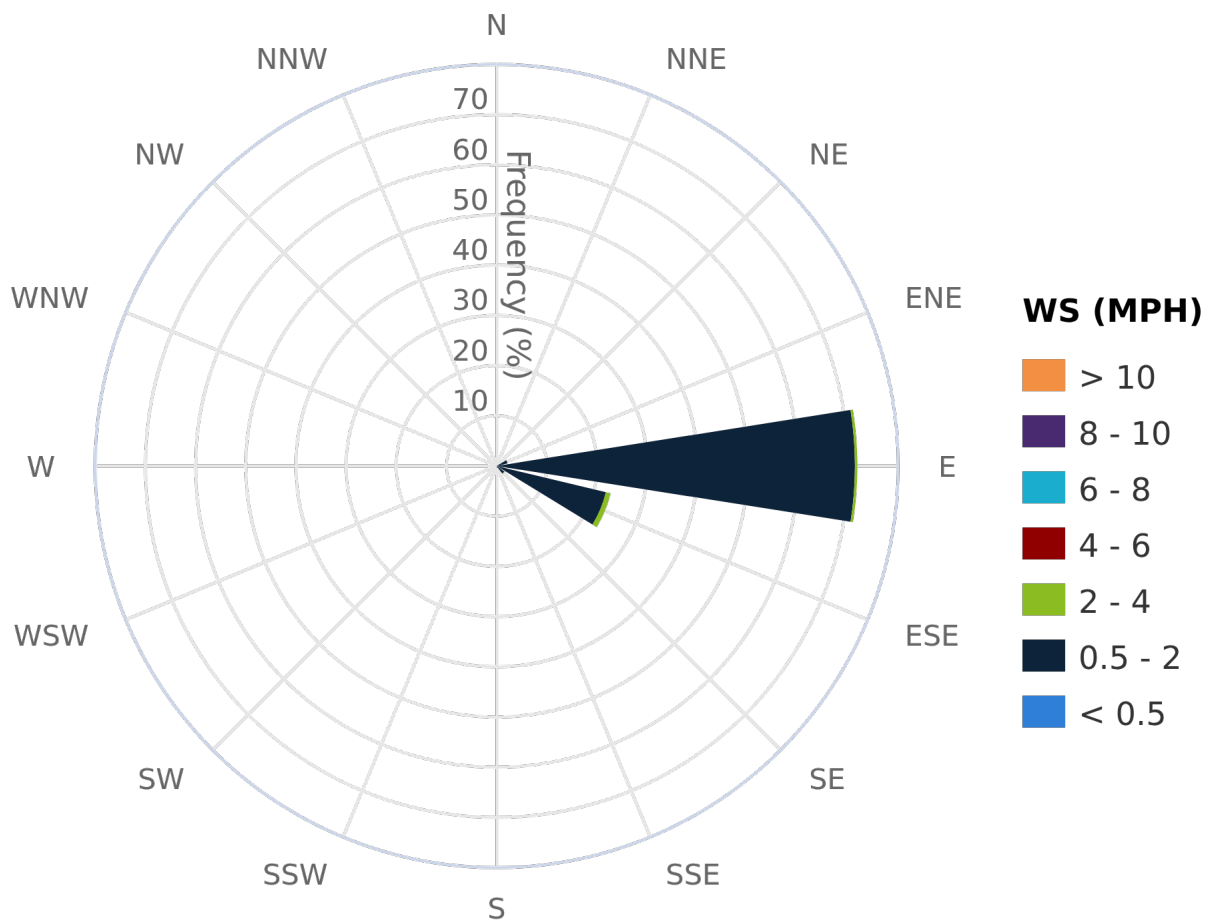


Figure 3 : Wind Rose Chart (WS in MPH)



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-08-31

Wind Rose Chart 2995

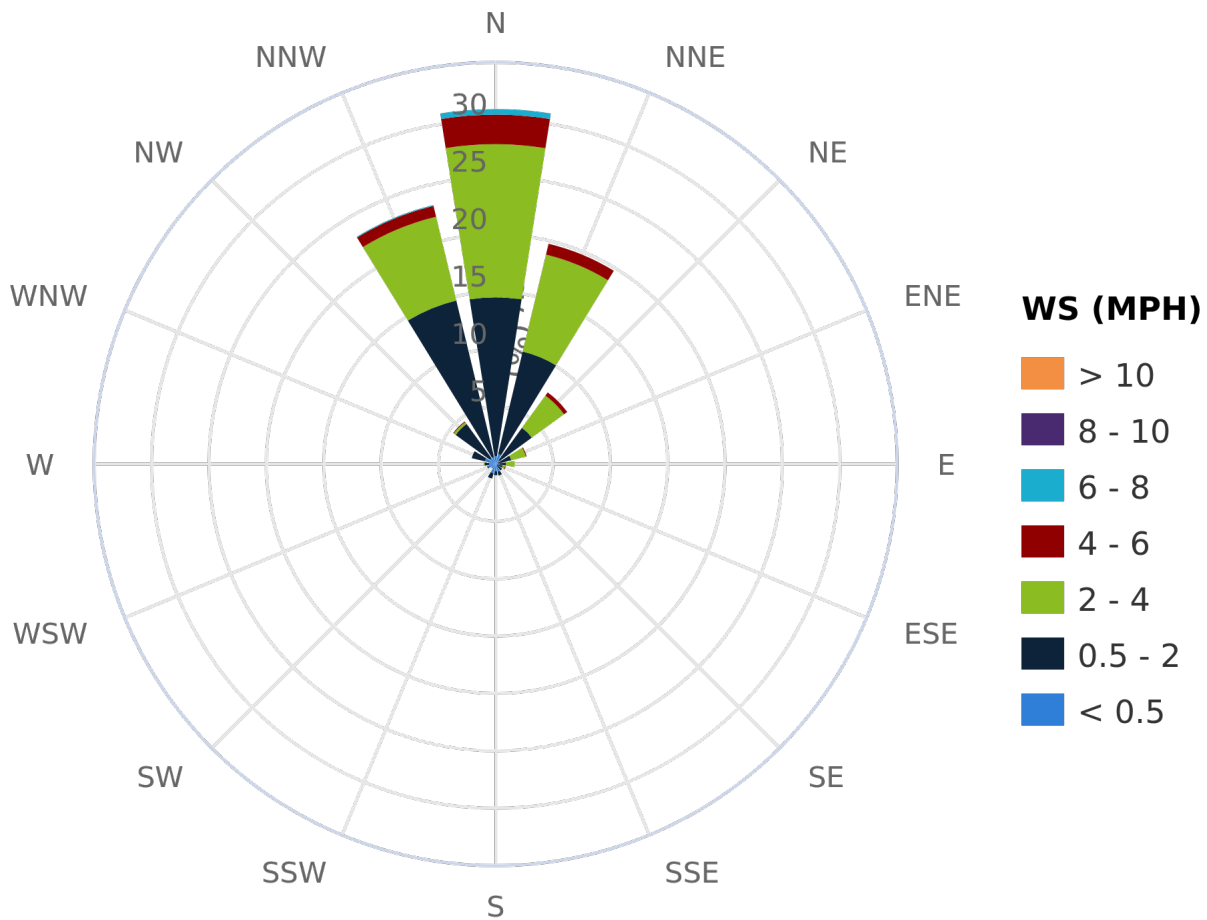


Figure 3 : Wind Rose Chart (WS in MPH)



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-08-31

Wind Rose Chart 2996

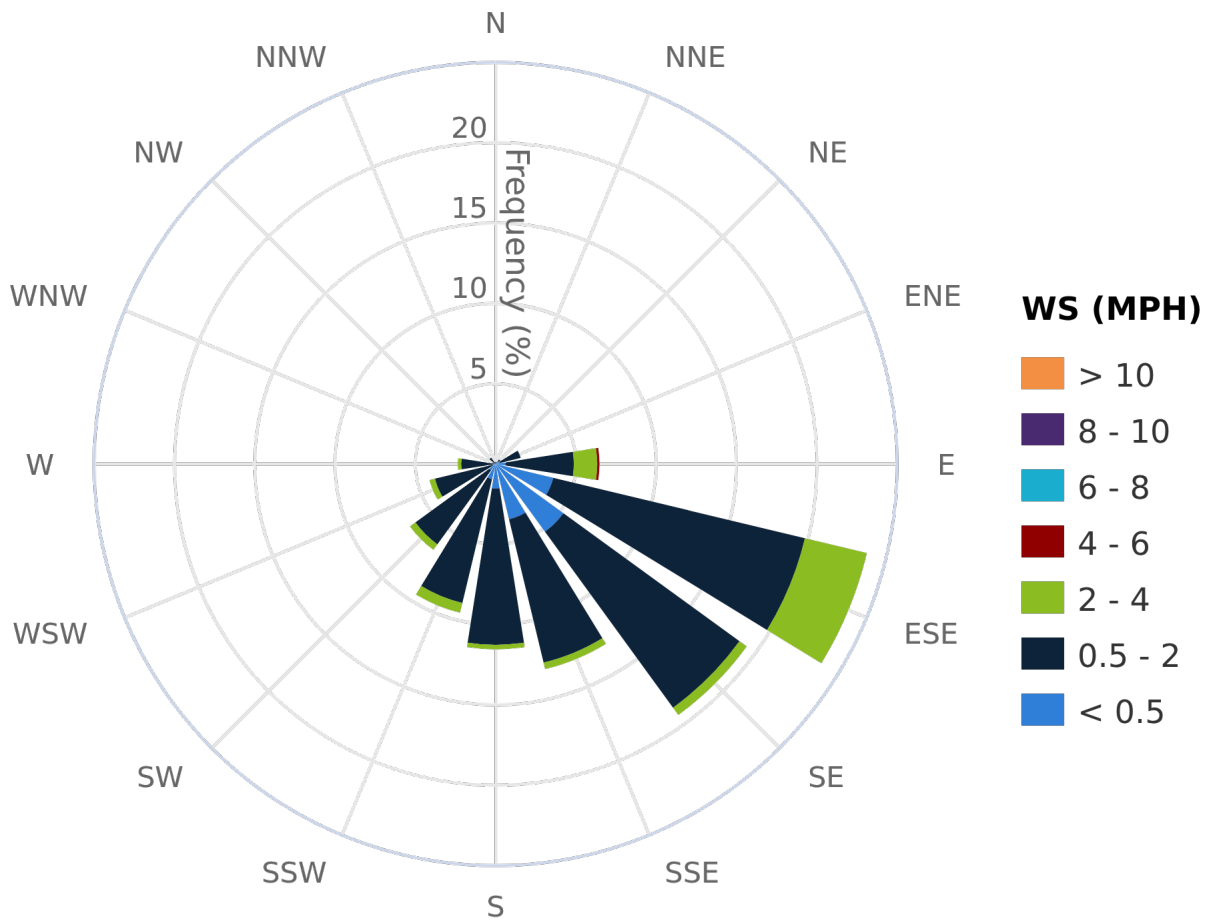


Figure 3 : Wind Rose Chart (WS in MPH)



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-08-31

Wind Rose Chart 2997

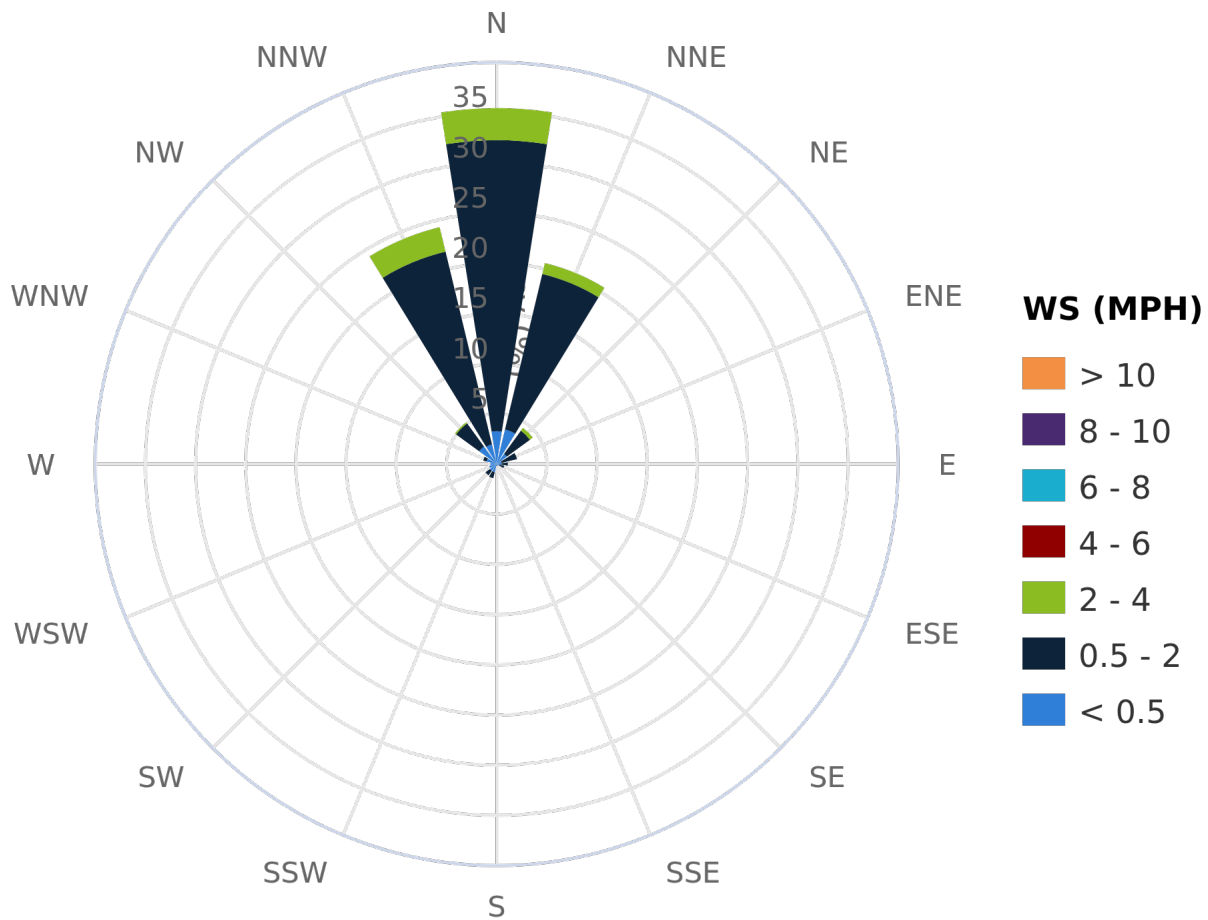


Figure 3 : Wind Rose Chart (WS in MPH)



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-08-31

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	9.1	4.8	7.4	6.1	3.1	2.2	2.8	3.0	-0.030	0.000	0.000	0.000
00:15:00	9.7	5.0	9.6	6.6	2.8	2.2	2.8	3.3	-0.031	0.000	0.000	0.000
00:30:00	8.4	5.3	8.8	6.0	2.7	2.1	2.8	3.2	-0.030	0.000	0.000	0.000
00:45:00	7.3	5.3	11.2	7.1	2.9	2.2	3.2	3.6	-0.029	0.000	0.000	0.000
01:00:00	7.6	5.5	9.4	7.5	3.1	2.3	3.6	3.4	-0.027	0.000	0.000	0.000
01:15:00	7.7	5.8	9.7	8.2	3.2	2.5	3.8	3.8	-0.025	0.000	0.000	0.000
01:30:00	8.7	6.5	10.8	8.9	3.5	2.8	4.1	3.9	-0.025	0.000	0.000	0.000
01:45:00	9.9	7.4	10.7	9.9	4.3	3.2	4.6	4.5	-0.027	0.000	0.000	0.000
02:00:00	10.3	8.3	12.3	10.8	4.7	3.8	5.1	5.1	-0.026	0.000	0.000	0.000
02:15:00	11.5	9.4	11.4	11.7	5.1	4.3	5.5	5.2	-0.024	0.000	0.000	0.000
02:30:00	11.8	9.7	13.5	12.1	5.4	4.7	5.8	5.7	-0.026	0.000	0.000	0.000
02:45:00	12.1	9.7	12.8	12.0	5.6	4.8	5.8	5.7	-0.026	0.000	0.000	0.000
03:00:00	12.5	10.3	12.3	10.9	5.6	4.8	5.8	6.0	-0.024	0.000	0.000	0.000
03:15:00	13.5	9.9	14.7	12.2	5.5	4.8	5.9	6.1	-0.024	0.000	0.000	0.000
03:30:00	14.4	10.5	14.7	13.0	5.5	4.9	6.7	6.0	-0.022	0.000	0.000	0.000
03:45:00	14.3	10.4	14.2	13.4	5.5	5.0	6.4	6.3	-0.021	0.000	0.004	0.000
04:00:00	13.9	10.7	15.6	13.0	5.8	5.1	6.2	6.2	-0.022	0.000	0.013	0.000
04:15:00	14.2	11.0	14.9	12.9	5.9	5.3	6.2	6.3	-0.024	0.000	0.000	0.000
04:30:00	16.5	11.8	15.7	13.3	6.2	5.3	6.3	6.4	-0.023	0.000	0.000	0.000
04:45:00	14.9	12.0	15.3	14.4	6.4	5.4	6.7	6.4	-0.022	0.000	0.000	0.000
05:00:00	15.1	12.4	14.0	13.2	6.7	5.5	6.8	6.6	-0.021	0.000	0.000	0.000
05:15:00	15.2	12.2	13.8	13.3	6.6	5.6	6.7	6.7	-0.020	0.000	0.000	0.000
05:30:00	14.8	11.6	14.3	13.4	6.5	5.5	7.1	6.8	-0.020	0.000	0.000	0.000
05:45:00	16.4	11.9	14.0	13.5	7.0	5.4	7.3	7.1	-0.019	0.000	0.000	0.000
06:00:00	15.4	11.7	12.8	12.4	6.7	5.5	6.8	6.8	-0.019	0.000	0.000	0.000
06:15:00	13.2	11.3	12.2	11.8	6.6	5.6	6.6	6.9	-0.018	0.000	0.000	0.000
06:30:00	12.4	11.0	12.1	11.7	6.4	5.5	6.6	6.7	-0.015	0.000	0.000	0.000
06:45:00	12.5	10.0	12.8	11.0	6.5	5.2	6.3	6.8	-0.015	0.000	0.000	0.000
07:00:00	12.1	9.7	11.7	10.6	6.3	5.0	6.1	6.5	-0.013	0.000	0.000	0.000
07:15:00	12.3	9.6	12.3	10.8	5.9	5.0	5.9	6.2	-0.014	0.000	0.000	0.000
07:30:00	11.5	10.2	12.2	11.3	6.0	5.1	6.5	6.4	-0.015	0.000	0.000	0.000
07:45:00	12.7	10.3	11.9	11.7	6.5	5.4	6.9	6.7	-0.016	0.000	0.000	0.000
08:00:00	11.9	10.4	11.3	12.2	6.6	5.7	7.2	6.7	-0.017	0.000	0.000	0.000
08:15:00	12.8	10.4	10.8	14.0	7.5	6.2	9.0	6.5	-0.016	0.000	0.000	0.000
08:30:00	13.5	11.3	11.7	14.0	7.9	6.6	8.6	6.7	-0.015	0.000	0.000	0.000
08:45:00	20.1	11.6	12.3	13.7	7.9	6.4	8.0	7.2	-0.013	0.000	0.000	0.000
09:00:00	13.9	11.8	12.7	13.7	7.3	6.4	7.6	7.2	-0.011	0.000	0.000	0.000
09:15:00	21.6	12.6	14.2	14.8	8.0	6.5	8.0	7.5	-0.010	0.000	0.000	0.000
09:30:00	15.9	14.0	14.8	15.4	7.5	6.7	7.7	7.4	-0.009	0.000	0.000	0.000
09:45:00	13.7	14.4	14.4	15.7	6.6	6.7	7.7	7.1	-0.008	0.000	0.000	0.000
10:00:00	15.9	14.6	14.4	19.4	7.2	6.6	11.2	7.2	-0.006	0.000	0.000	0.000
10:15:00	15.8	14.3	13.8	16.5	7.2	6.4	8.1	6.7	-0.002	0.001	0.000	0.000
10:30:00	16.1	13.6	13.3	15.0	6.7	6.0	6.9	6.4	0.002	0.003	0.000	0.000
10:45:00	15.3	13.6	13.1	15.5	6.5	5.9	7.1	6.2	0.006	0.012	0.000	0.000
11:00:00	14.9	13.3	12.7	14.2	6.4	5.8	6.4	5.8	0.013	0.019	0.000	0.000
11:15:00	13.8	12.7	12.5	13.5	6.0	5.6	6.0	5.6	0.020	0.024	0.000	0.003
11:30:00	13.2	12.1	11.6	13.7	5.7	5.4	6.0	5.3	0.029	0.032	0.000	0.007
11:45:00	15.5	11.7	11.4	12.7	5.8	5.1	5.9	5.3	0.034	0.029	0.000	0.014



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-08-31

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	13.2	11.2	11.2	12.5	5.5	5.0	5.9	5.2	0.040	0.036	0.001	0.015
12:15:00	13.0	10.3	10.9	12.3	5.5	4.8	5.7	5.1	0.045	0.042	0.002	0.017
12:30:00	11.0	10.2	10.1	11.4	5.1	4.8	5.4	5.0	0.047	0.046	0.005	0.022
12:45:00	14.1	9.1	8.5	10.3	4.8	4.3	5.0	4.2	0.056	0.046	0.007	0.023
13:00:00	8.2	8.0	8.1	8.9	3.9	3.7	4.3	3.8	0.063	0.045	0.011	0.025
13:15:00	8.9	8.1	8.6	9.1	4.1	3.6	4.4	4.0	0.056	0.038	0.007	0.022
13:30:00	9.4	8.5	8.8	9.7	4.3	3.9	4.9	4.3	0.045	0.033	0.004	0.023
13:45:00	17.7	9.2	9.2	10.3	5.1	4.4	4.9	4.6	0.047	0.035	0.003	0.019
14:00:00	11.7	9.1	9.3	10.2	5.0	4.4	5.0	4.6	0.051	0.035	0.005	0.019
14:15:00	8.4	7.5	7.2	7.9	3.8	3.6	3.9	3.6	0.057	0.035	0.001	0.023
14:30:00	7.1	6.1	6.7	7.3	3.4	3.1	3.7	3.4	0.063	0.042	0.003	0.030
14:45:00	9.0	4.8	5.3	5.8	3.1	2.5	3.1	2.9	0.062	0.042	0.000	0.029
15:00:00	5.4	4.7	5.4	5.7	2.8	2.5	3.2	2.7	0.057	0.038	0.000	0.026
15:15:00	7.0	4.3	4.6	4.4	2.6	2.3	2.5	2.3	0.052	0.029	0.000	0.028
15:30:00	4.1	3.5	4.0	4.1	2.0	1.9	2.1	1.9	0.048	0.030	0.000	0.025
15:45:00	5.2	4.1	5.8	6.2	2.5	2.1	3.2	2.7	0.047	0.032	0.000	0.020
16:00:00	6.5	5.4	5.9	6.9	3.0	2.6	3.3	2.9	0.046	0.034	0.000	0.023
16:15:00	6.9	6.0	6.7	6.7	2.8	2.6	3.0	2.8	0.048	0.032	0.000	0.021
16:30:00	5.5	5.0	6.2	5.8	2.6	2.4	2.9	2.6	0.046	0.028	0.000	0.021
16:45:00	7.0	4.5	5.4	6.7	2.6	2.4	2.9	2.5	0.043	0.029	0.000	0.017
17:00:00	6.9	5.7	6.2	5.8	1.9	1.8	1.8	1.8	0.041	0.029	0.000	0.019
17:15:00	6.2	4.9	5.9	6.6	1.5	1.4	1.7	1.5	0.041	0.026	0.000	0.015
17:30:00	5.4	3.9	4.9	4.6	1.5	1.5	1.6	1.5	0.038	0.020	0.000	0.014
17:45:00	7.7	4.7	4.7	4.6	1.6	1.5	1.4	1.4	0.030	0.013	0.000	0.011
18:00:00	7.6	6.0	7.0	6.8	2.2	2.1	2.5	2.1	0.027	0.015	0.000	0.013
18:15:00	7.8	5.8	7.1	7.0	2.4	2.3	2.6	2.4	0.030	0.012	0.000	0.011
18:30:00	9.0	7.1	8.8	9.5	3.6	3.4	4.0	3.5	0.023	0.014	0.000	0.009
18:45:00	13.5	11.1	12.8	15.3	5.4	5.1	6.7	5.3	0.021	0.014	0.000	0.008
19:00:00	17.3	13.7	14.9	17.0	6.7	6.1	7.3	6.3	0.013	0.006	0.000	0.007
19:15:00	14.4	13.3	12.4	14.4	6.2	6.0	6.7	5.7	0.009	0.000	0.000	0.005
19:30:00	18.3	13.0	12.8	14.3	6.3	6.2	6.7	5.7	0.002	0.000	0.000	0.001
19:45:00	14.3	13.7	13.4	14.6	6.4	6.4	6.8	6.0	-0.008	0.000	0.000	0.000
20:00:00	25.7	13.6	15.1	14.4	7.4	6.3	6.7	6.1	-0.015	0.000	0.000	0.000
20:15:00	14.9	14.2	15.7	15.3	6.9	6.6	7.2	6.7	-0.017	0.000	0.000	0.000
20:30:00	17.7	15.9	18.5	18.4	8.0	7.3	8.2	7.8	-0.021	0.000	0.000	0.000
20:45:00	18.5	17.7	18.3	18.4	8.3	8.0	8.2	7.7	-0.030	0.000	0.000	0.000
21:00:00	21.8	18.6	18.1	18.3	8.6	8.4	8.4	7.6	-0.037	0.000	0.000	0.000
21:15:00	18.1	18.7	17.2	18.1	8.3	8.5	8.5	7.8	-0.040	0.000	0.000	0.000
21:30:00	18.5	18.8	16.8	19.6	8.5	8.6	9.0	8.1	-0.043	0.000	0.000	0.000
21:45:00	18.8	18.5	17.4	20.0	9.0	8.7	9.2	8.3	-0.043	0.000	0.000	0.000
22:00:00	19.2	19.2	20.1	19.3	9.0	9.0	9.0	8.4	-0.045	0.000	0.000	0.000
22:15:00	19.3	19.7	18.2	20.0	9.1	9.3	9.6	8.6	-0.043	0.000	0.000	0.000
22:30:00	19.5	20.7	18.7	22.3	9.3	9.8	10.3	8.8	-0.045	0.000	0.000	0.000
22:45:00	20.5	21.1	20.2	21.6	9.7	9.8	10.2	9.2	-0.045	0.000	0.000	0.000
23:00:00	20.6	21.6	20.4	21.9	9.8	10.1	10.2	9.2	-0.045	0.000	0.000	0.000
23:15:00	20.2	21.9	22.0	22.2	9.9	10.3	10.4	9.4	-0.045	0.000	0.000	0.000
23:30:00	20.7	22.2	21.0	22.4	10.1	10.5	10.6	9.6	-0.042	0.000	0.000	0.000
23:45:00	20.9	22.8	22.8	22.8	10.0	10.6	10.6	9.7	-0.039	0.000	0.000	0.000



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-08-31

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