



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-09-02

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.2010 Max : 14.52	2943 E	2995 N	2996 SSE	2997 N	Min : 68.36 Max : 99.68	Min : 48.50 Max : 86.50	Min : 29.85 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	19.9	69.9	7.2	13.3	-0.022	0.045
2995	14.1	18.1	6.4	8.7	0.005	0.035
2996	15.2	21.5	6.8	9.7	0.000	0.013
2997	13.6	20.5	6.3	8.5	0.001	0.017

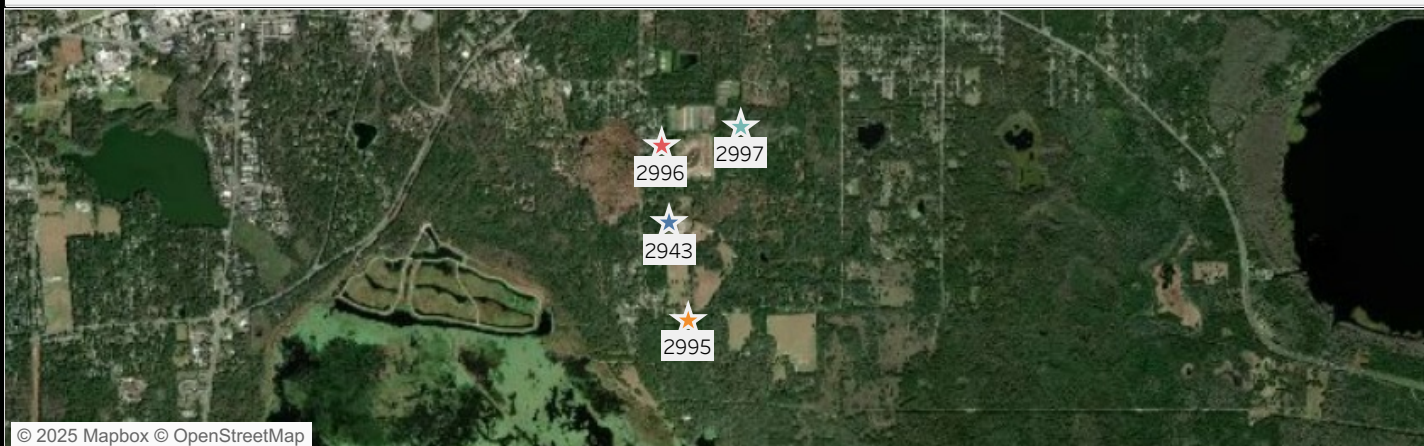


Figure 1 : Monitoring Locations

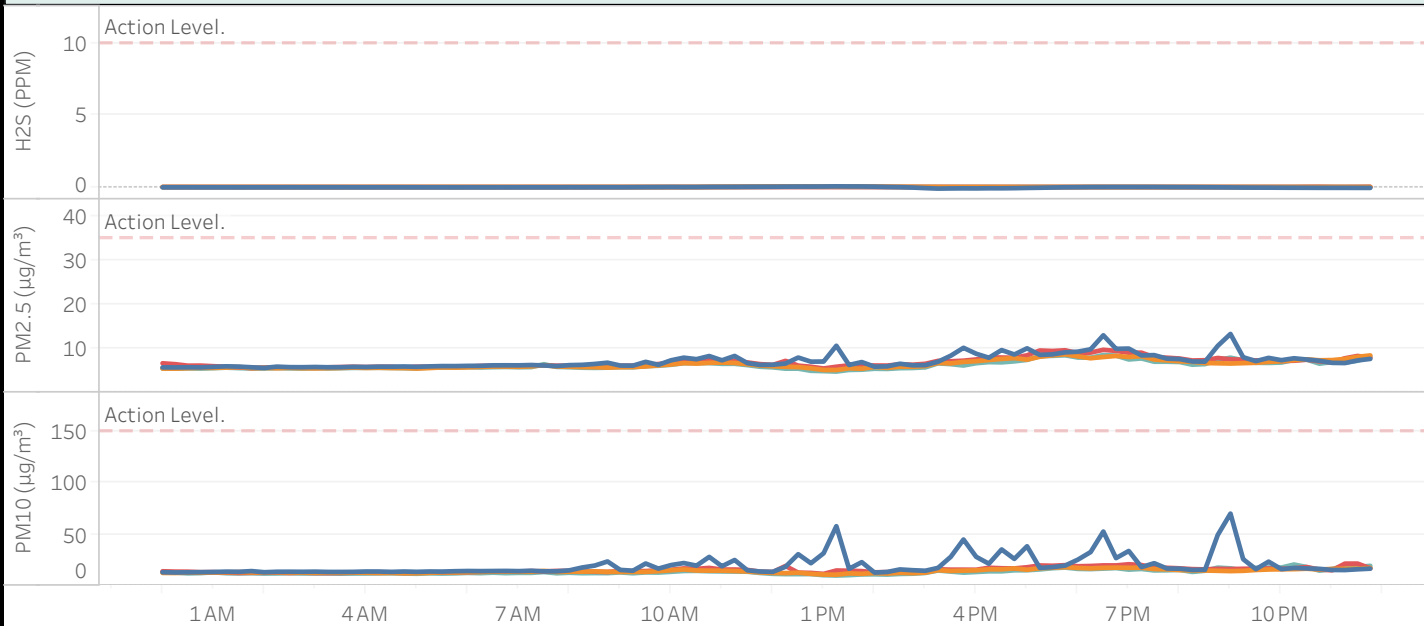


Figure 2 : 15 Minutes Average Concentrations

2943 2995 2996 2997



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-09-02

Wind Rose Chart 2943

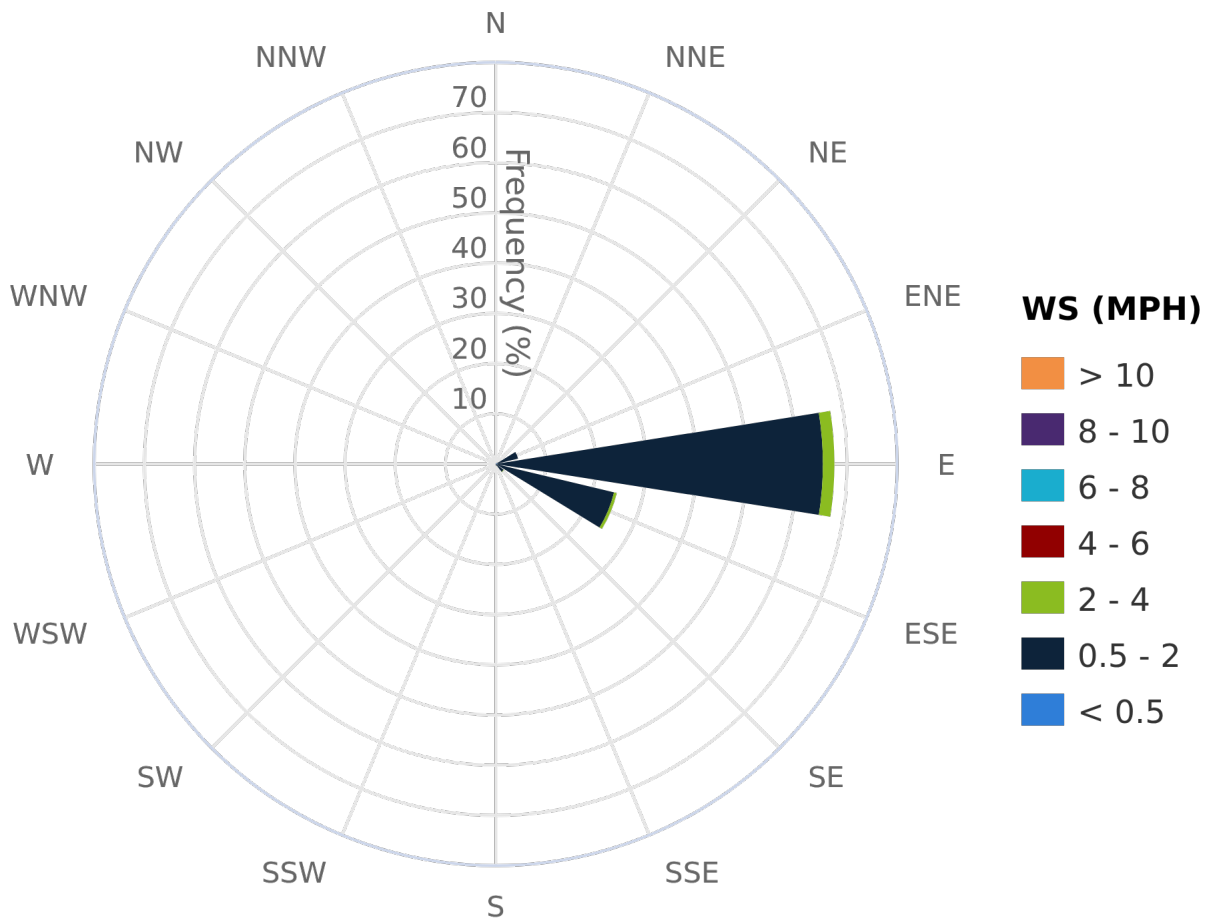


Figure 3 : Wind Rose Chart (WS in MPH)



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-09-02

Wind Rose Chart 2995

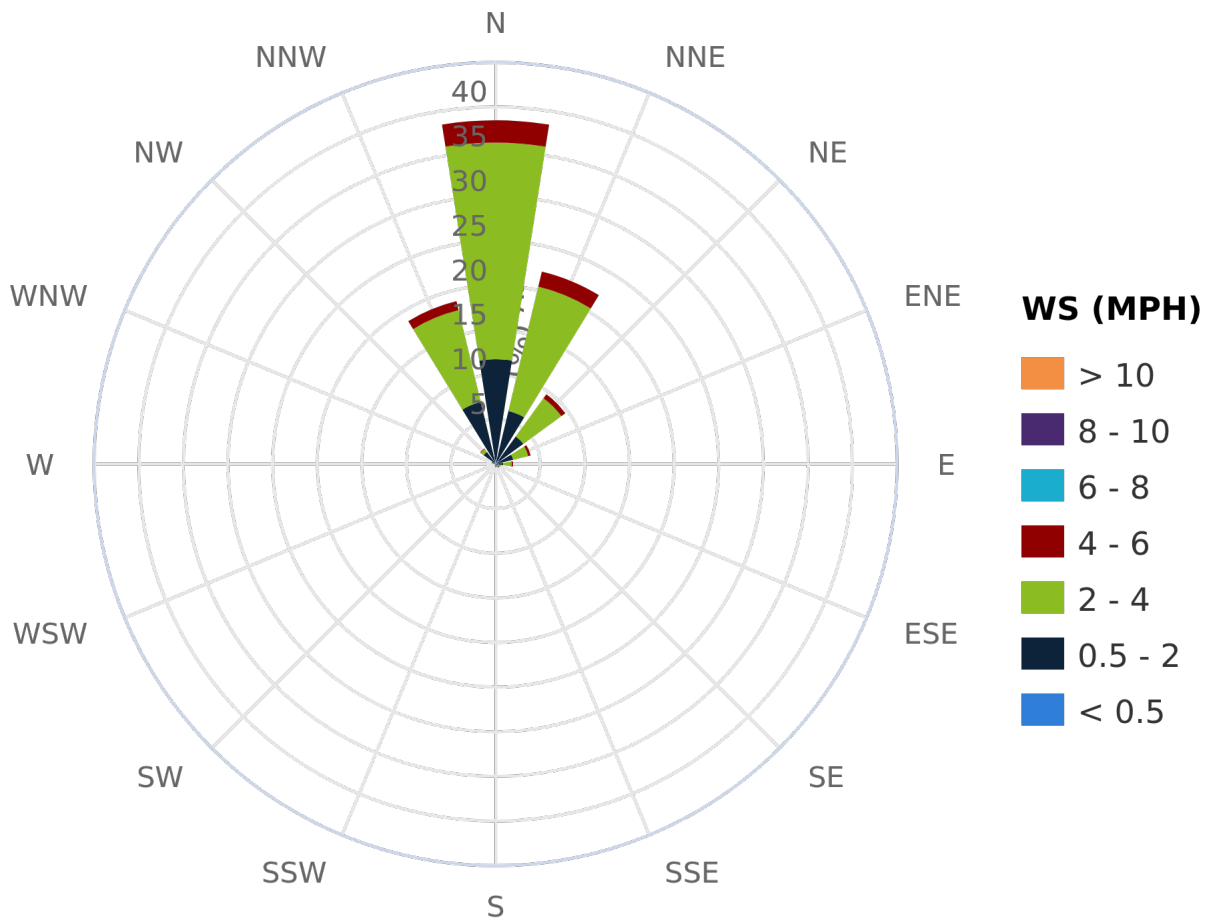


Figure 3 : Wind Rose Chart (WS in MPH)



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-09-02

Wind Rose Chart 2996

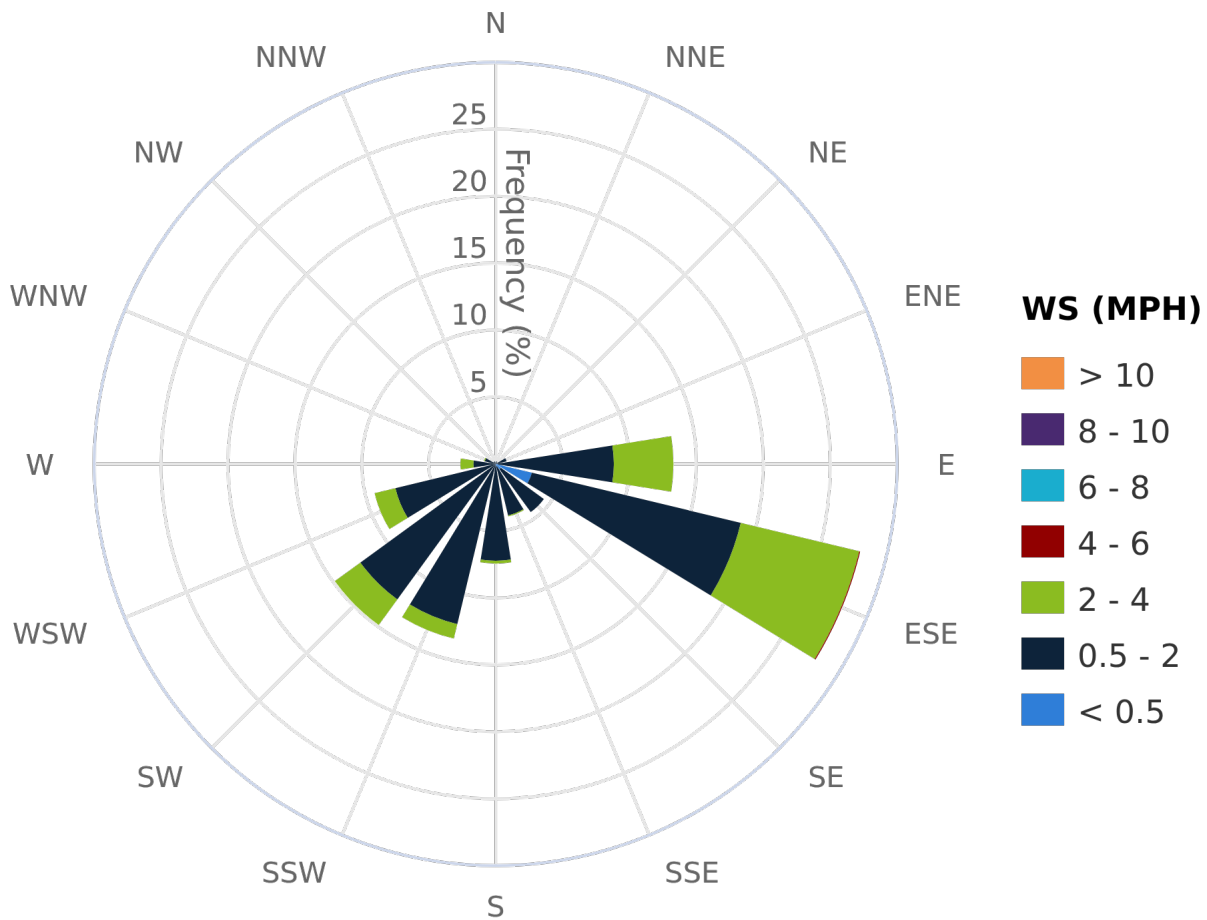


Figure 3 : Wind Rose Chart (WS in MPH)



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-09-02

Wind Rose Chart 2997

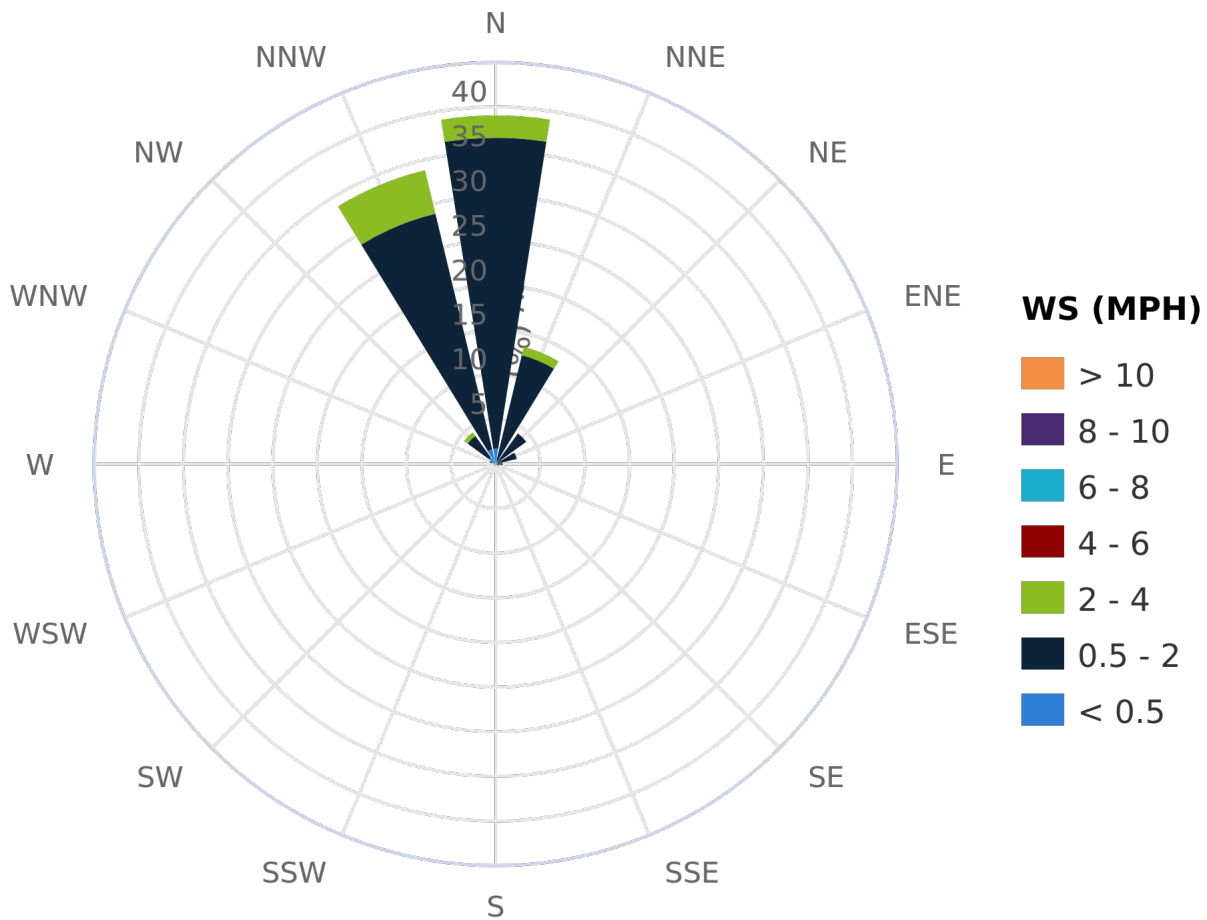


Figure 3 : Wind Rose Chart (WS in MPH)



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-09-02

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	13.1	12.5	13.1	14.0	5.7	5.5	6.6	5.4	-0.021	0.000	0.000	0.000
00:15:00	12.9	12.4	12.8	13.7	5.7	5.4	6.4	5.4	-0.021	0.000	0.000	0.000
00:30:00	13.0	12.8	12.0	13.6	5.7	5.5	6.1	5.5	-0.022	0.000	0.000	0.000
00:45:00	13.2	12.6	12.3	13.1	5.7	5.6	6.1	5.4	-0.023	0.000	0.000	0.000
01:00:00	13.4	12.8	13.0	13.2	5.8	5.6	6.0	5.5	-0.024	0.000	0.000	0.000
01:15:00	13.7	13.0	12.2	12.7	5.9	5.7	5.8	5.7	-0.024	0.000	0.000	0.000
01:30:00	13.5	13.2	12.0	12.5	5.9	5.8	5.7	5.5	-0.024	0.000	0.000	0.000
01:45:00	14.2	12.9	12.2	12.6	5.7	5.5	5.6	5.5	-0.024	0.000	0.000	0.000
02:00:00	13.1	12.8	11.8	12.6	5.6	5.6	5.7	5.5	-0.022	0.000	0.000	0.000
02:15:00	13.6	13.0	11.9	12.8	5.9	5.5	5.6	5.6	-0.023	0.000	0.000	0.000
02:30:00	13.6	12.8	12.2	12.4	5.8	5.6	5.7	5.5	-0.020	0.000	0.000	0.000
02:45:00	13.5	12.7	11.9	12.7	5.7	5.5	5.7	5.5	-0.022	0.000	0.000	0.000
03:00:00	13.7	12.7	11.9	12.4	5.8	5.5	5.6	5.5	-0.021	0.000	0.000	0.000
03:15:00	13.4	12.8	12.0	12.3	5.7	5.5	5.7	5.5	-0.021	0.000	0.000	0.000
03:30:00	13.4	12.7	11.8	12.4	5.7	5.6	5.8	5.5	-0.021	0.000	0.000	0.000
03:45:00	13.5	12.8	11.9	12.7	5.8	5.7	5.8	5.6	-0.022	0.000	0.000	0.000
04:00:00	13.8	12.6	11.9	12.7	5.8	5.6	5.8	5.6	-0.023	0.000	0.000	0.000
04:15:00	13.8	12.5	12.1	12.6	5.9	5.6	5.8	5.6	-0.021	0.000	0.000	0.000
04:30:00	13.4	12.4	12.1	12.8	5.9	5.6	5.8	5.6	-0.021	0.000	0.000	0.000
04:45:00	13.8	12.2	11.9	12.5	5.9	5.6	5.7	5.5	-0.021	0.000	0.000	0.000
05:00:00	13.5	12.2	11.6	12.7	5.8	5.5	5.8	5.5	-0.022	0.000	0.000	0.000
05:15:00	13.8	12.5	12.1	12.7	5.9	5.6	5.8	5.7	-0.025	0.000	0.000	0.000
05:30:00	13.7	13.0	11.8	13.0	6.0	5.7	5.9	5.7	-0.024	0.000	0.000	0.000
05:45:00	14.1	12.9	12.0	13.1	6.0	5.7	5.9	5.7	-0.026	0.000	0.000	0.000
06:00:00	14.3	13.3	12.5	13.2	6.0	5.7	5.9	5.8	-0.025	0.000	0.000	0.000
06:15:00	14.2	13.4	12.2	13.6	6.1	5.8	6.0	5.7	-0.026	0.000	0.000	0.000
06:30:00	14.3	13.7	12.7	13.8	6.2	5.9	6.1	5.8	-0.026	0.000	0.000	0.000
06:45:00	14.4	13.8	12.2	13.9	6.2	5.9	6.0	5.8	-0.024	0.000	0.000	0.000
07:00:00	14.2	13.6	12.5	13.8	6.2	5.8	6.1	5.7	-0.024	0.000	0.000	0.000
07:15:00	14.5	13.6	12.5	14.2	6.2	5.9	6.2	5.8	-0.022	0.000	0.000	0.000
07:30:00	13.9	14.4	13.3	13.9	6.1	6.2	6.2	6.4	-0.023	0.000	0.000	0.000
07:45:00	14.0	13.4	12.1	14.4	6.0	5.9	6.1	5.8	-0.022	0.000	0.000	0.000
08:00:00	14.9	13.6	12.6	14.4	6.2	5.9	6.1	5.7	-0.019	0.000	0.000	0.000
08:15:00	17.7	13.7	12.2	13.8	6.3	5.8	6.1	5.6	-0.020	0.000	0.000	0.000
08:30:00	19.6	13.9	12.3	13.6	6.5	5.7	5.9	5.6	-0.019	0.000	0.000	0.000
08:45:00	23.5	13.5	12.3	13.4	6.8	5.7	5.8	5.6	-0.018	0.000	0.000	0.000
09:00:00	15.4	13.4	13.0	14.3	6.1	5.8	6.1	5.8	-0.019	0.000	0.000	0.000
09:15:00	14.6	13.4	12.1	14.2	6.1	5.8	6.1	5.7	-0.014	0.000	0.000	0.000
09:30:00	21.6	13.5	12.9	14.2	7.0	5.9	6.2	6.0	-0.009	0.000	0.000	0.000
09:45:00	16.6	14.1	12.8	15.1	6.3	6.2	6.5	6.1	-0.005	0.000	0.000	0.000
10:00:00	20.0	15.0	13.5	15.4	7.3	6.4	6.8	6.3	0.000	0.000	0.000	0.000
10:15:00	22.0	15.8	14.3	16.8	7.9	6.7	7.2	6.7	-0.004	0.001	0.000	0.000
10:30:00	19.5	14.8	14.4	16.4	7.6	6.6	7.2	6.7	-0.003	0.001	0.000	0.000
10:45:00	28.0	14.7	14.1	17.3	8.3	6.7	7.3	6.7	0.007	0.010	0.000	0.000
11:00:00	18.9	14.6	13.9	15.7	7.3	6.8	7.1	6.5	0.011	0.016	0.000	0.000
11:15:00	24.9	14.3	13.8	15.7	8.3	6.7	7.1	6.5	0.013	0.019	0.000	0.000
11:30:00	15.0	13.9	13.6	15.4	6.7	6.4	6.8	6.2	0.019	0.023	0.000	0.000
11:45:00	13.8	12.9	12.4	13.6	6.3	6.1	6.4	5.9	0.020	0.027	0.000	0.005



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-09-02

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	13.5	12.4	11.6	13.2	6.3	6.0	6.3	5.7	0.022	0.034	0.000	0.012
12:15:00	18.4	12.3	11.3	19.2	6.6	5.8	7.2	5.4	0.027	0.032	0.000	0.016
12:30:00	30.6	12.7	11.3	12.7	7.9	5.8	6.1	5.4	0.031	0.032	0.000	0.017
12:45:00	21.8	11.5	11.3	12.5	7.0	5.5	5.8	4.9	0.031	0.029	0.000	0.015
13:00:00	31.5	10.9	10.3	11.5	7.0	5.1	5.5	4.9	0.036	0.030	0.000	0.014
13:15:00	57.7	10.7	9.9	14.8	10.6	5.1	5.9	4.8	0.045	0.034	0.000	0.015
13:30:00	16.4	12.0	10.3	14.5	6.3	5.5	6.2	5.1	0.040	0.035	0.000	0.011
13:45:00	22.9	11.6	11.0	14.2	6.9	5.4	6.1	5.2	0.038	0.033	0.000	0.007
14:00:00	12.8	12.3	11.1	13.0	5.9	5.8	6.1	5.4	0.026	0.028	0.000	0.002
14:15:00	13.4	11.9	10.8	13.2	5.9	5.6	6.1	5.4	0.006	0.025	0.000	0.000
14:30:00	15.8	12.5	11.5	13.7	6.5	5.9	6.4	5.5	-0.009	0.017	0.000	0.000
14:45:00	15.1	12.2	11.7	13.4	6.2	5.9	6.3	5.6	-0.036	0.014	0.000	0.000
15:00:00	14.6	12.7	12.4	14.0	6.2	6.0	6.5	5.7	-0.076	0.010	0.000	0.000
15:15:00	17.3	15.1	14.8	16.0	7.0	6.7	7.2	6.6	-0.109	0.004	0.000	0.000
15:30:00	28.0	14.4	13.8	15.6	8.3	6.6	7.1	6.4	-0.099	0.004	0.000	0.000
15:45:00	44.8	14.7	12.7	15.6	10.1	7.0	7.2	6.1	-0.092	0.001	0.000	0.000
16:00:00	28.0	15.0	13.4	15.5	8.8	7.1	7.5	6.7	-0.096	0.001	0.000	0.000
16:15:00	21.4	15.9	14.0	17.4	7.9	7.4	8.0	6.9	-0.086	0.001	0.000	0.000
16:30:00	35.2	15.9	14.0	16.9	9.6	7.6	7.9	6.8	-0.087	0.002	0.000	0.000
16:45:00	26.0	16.8	15.0	16.8	8.6	7.8	7.9	7.1	-0.078	0.002	0.000	0.000
17:00:00	38.2	15.5	15.0	17.9	10.0	7.5	8.4	7.4	-0.062	0.000	0.000	0.000
17:15:00	17.3	17.0	15.8	19.7	8.5	8.1	9.5	8.2	-0.050	0.002	0.000	0.001
17:30:00	18.0	17.6	17.0	19.4	8.6	8.4	9.4	8.3	-0.034	0.002	0.000	0.000
17:45:00	19.6	18.1	17.6	20.0	9.1	8.7	9.6	8.4	-0.019	0.001	0.000	0.000
18:00:00	25.3	17.3	16.3	18.9	9.3	8.2	8.9	7.9	-0.013	0.001	0.000	0.000
18:15:00	32.6	16.8	16.1	19.2	9.8	7.8	9.1	7.9	-0.003	0.003	0.000	0.002
18:30:00	52.5	17.4	16.6	19.7	13.0	8.0	9.7	8.5	-0.001	0.001	0.000	0.001
18:45:00	26.8	17.6	17.1	19.7	9.9	8.3	9.4	8.4	0.001	0.000	0.000	0.003
19:00:00	33.7	17.4	15.6	20.8	10.0	8.1	9.0	7.5	0.001	0.000	0.000	0.002
19:15:00	18.1	17.5	16.3	20.1	8.4	8.2	9.0	7.7	0.001	0.000	0.000	0.000
19:30:00	21.9	16.2	14.9	17.2	8.5	7.5	8.0	7.0	0.001	0.000	0.000	0.000
19:45:00	16.7	15.9	15.0	17.4	7.7	7.3	7.9	7.0	-0.003	0.000	0.000	0.000
20:00:00	16.6	15.2	15.4	16.9	7.6	7.1	7.7	6.9	-0.008	0.000	0.000	0.000
20:15:00	15.3	14.9	13.4	16.1	7.0	7.0	7.3	6.3	-0.009	0.000	0.000	0.000
20:30:00	15.5	14.8	14.6	15.8	7.0	6.7	7.3	6.5	-0.017	0.000	0.000	0.000
20:45:00	49.2	14.5	17.6	16.4	10.6	6.6	7.8	7.4	-0.020	0.000	0.000	0.000
21:00:00	69.9	14.2	16.9	16.2	13.3	6.6	7.5	7.9	-0.028	0.000	0.000	0.000
21:15:00	25.7	14.5	15.0	16.4	8.0	6.7	7.4	7.3	-0.035	0.000	0.000	0.000
21:30:00	16.1	15.3	17.4	16.6	7.1	6.7	7.3	6.7	-0.040	0.000	0.000	0.000
21:45:00	23.4	15.8	17.6	16.8	7.9	6.9	7.3	6.7	-0.041	0.000	0.000	0.000
22:00:00	16.1	16.0	17.6	16.4	7.3	7.1	7.1	6.8	-0.047	0.000	0.000	0.000
22:15:00	17.2	16.1	20.5	16.9	7.8	7.4	7.2	7.4	-0.049	0.000	0.000	0.000
22:30:00	16.8	16.5	18.1	18.1	7.5	7.5	7.4	7.5	-0.052	0.000	0.009	0.000
22:45:00	16.4	15.8	14.6	15.7	7.2	7.3	7.1	6.5	-0.055	0.000	0.012	0.000
23:00:00	15.3	16.3	16.3	15.0	6.7	7.4	6.8	6.9	-0.056	0.000	0.001	0.000
23:15:00	15.2	16.6	19.0	21.4	6.7	7.6	7.8	6.8	-0.056	0.000	0.000	0.000
23:30:00	16.0	16.5	18.2	21.5	7.3	8.1	8.3	7.2	-0.059	0.000	0.004	0.000
23:45:00	16.6	17.3	19.3	16.9	7.6	8.4	7.9	8.1	-0.060	0.000	0.013	0.000



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-09-02

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