



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-12-08

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.1000 Max : 37.58	2943 NE	3277 NNE	2996 SSW	2997 NW	Min : 46.94 Max : 66.20	Min : 72.60 Max : 93.60	Min : 29.91 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	6.5	18.1	2.6	7.8	0.008	0.026
2996	5.4	13.1	2.4	6.8	0.000	0.004
2997	6.6	19.0	3.0	7.6	0.005	0.019
3277	8.5	24.5	4.2	12.5	0.007	0.019



Figure 1 : Monitoring Locations

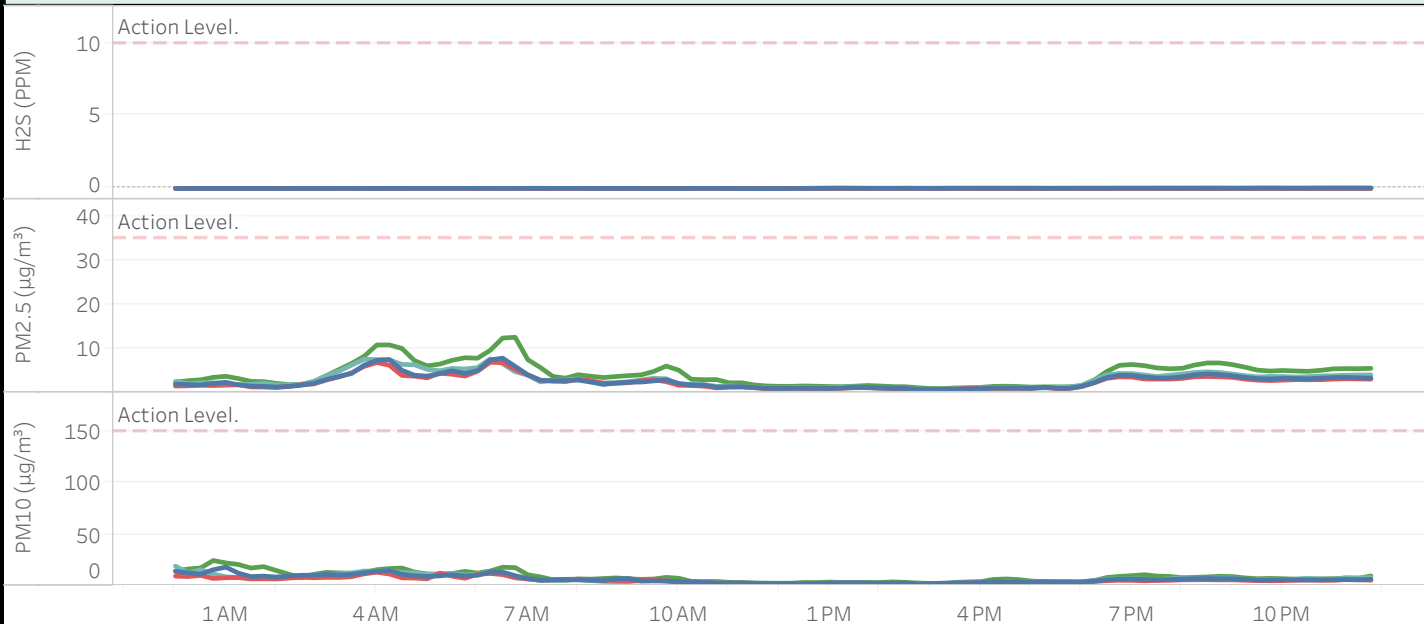


Figure 2 : 15 Minutes Average Concentrations

2943 2996 2997 3277



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-12-08

Wind Rose Chart 2943

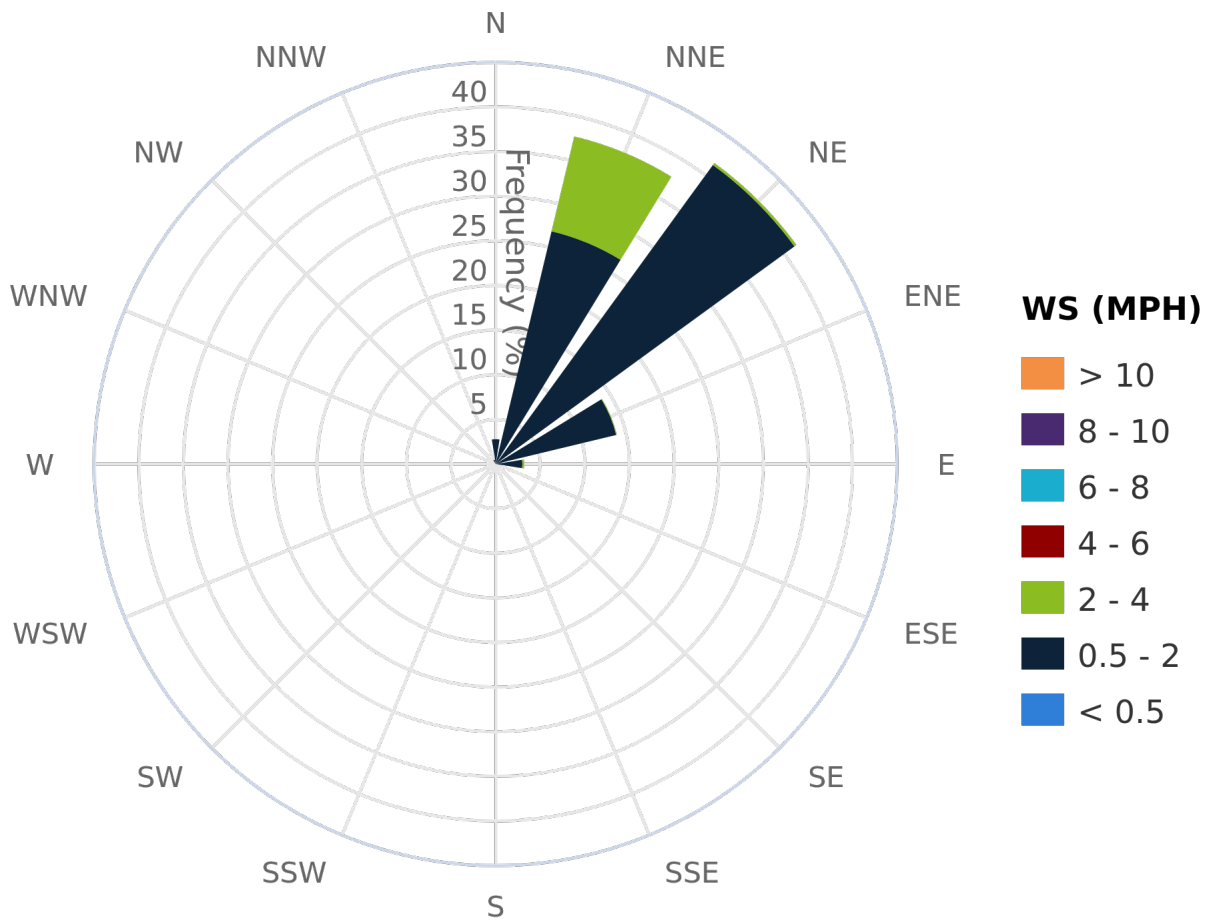


Figure 3 : Wind Rose Chart (WS in MPH)



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-12-08

Wind Rose Chart 3277

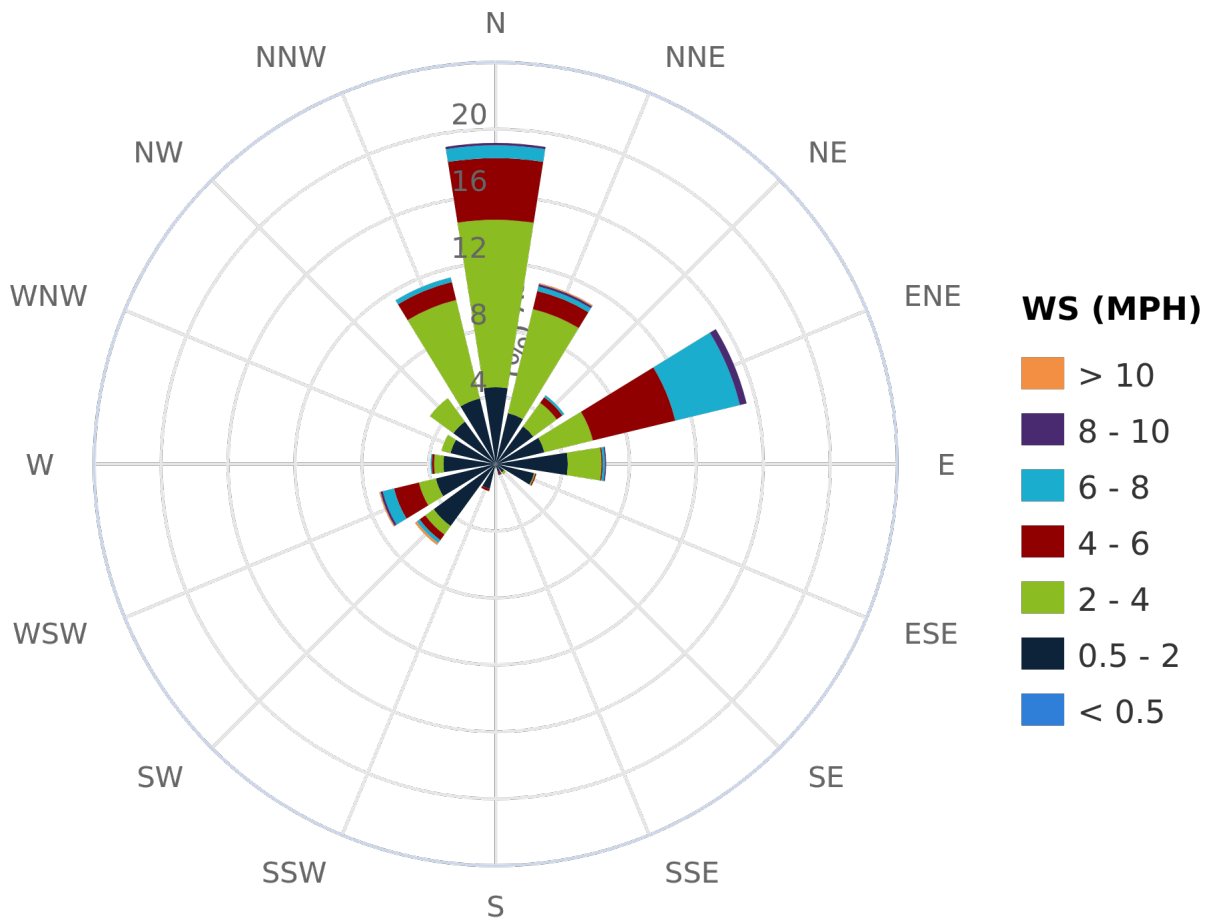


Figure 3 : Wind Rose Chart (WS in MPH)



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-12-08

Wind Rose Chart 2996

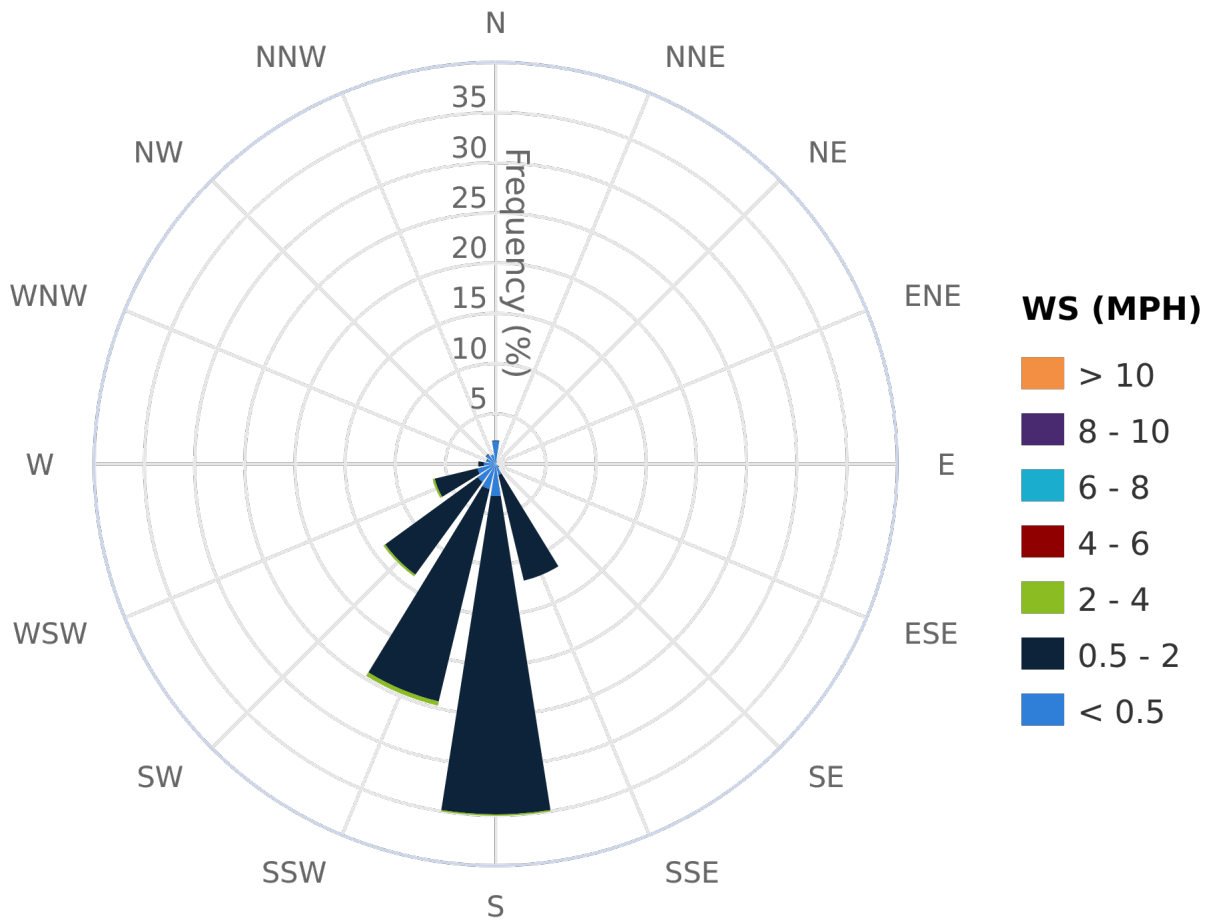


Figure 3 : Wind Rose Chart (WS in MPH)



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-12-08

Wind Rose Chart 2997

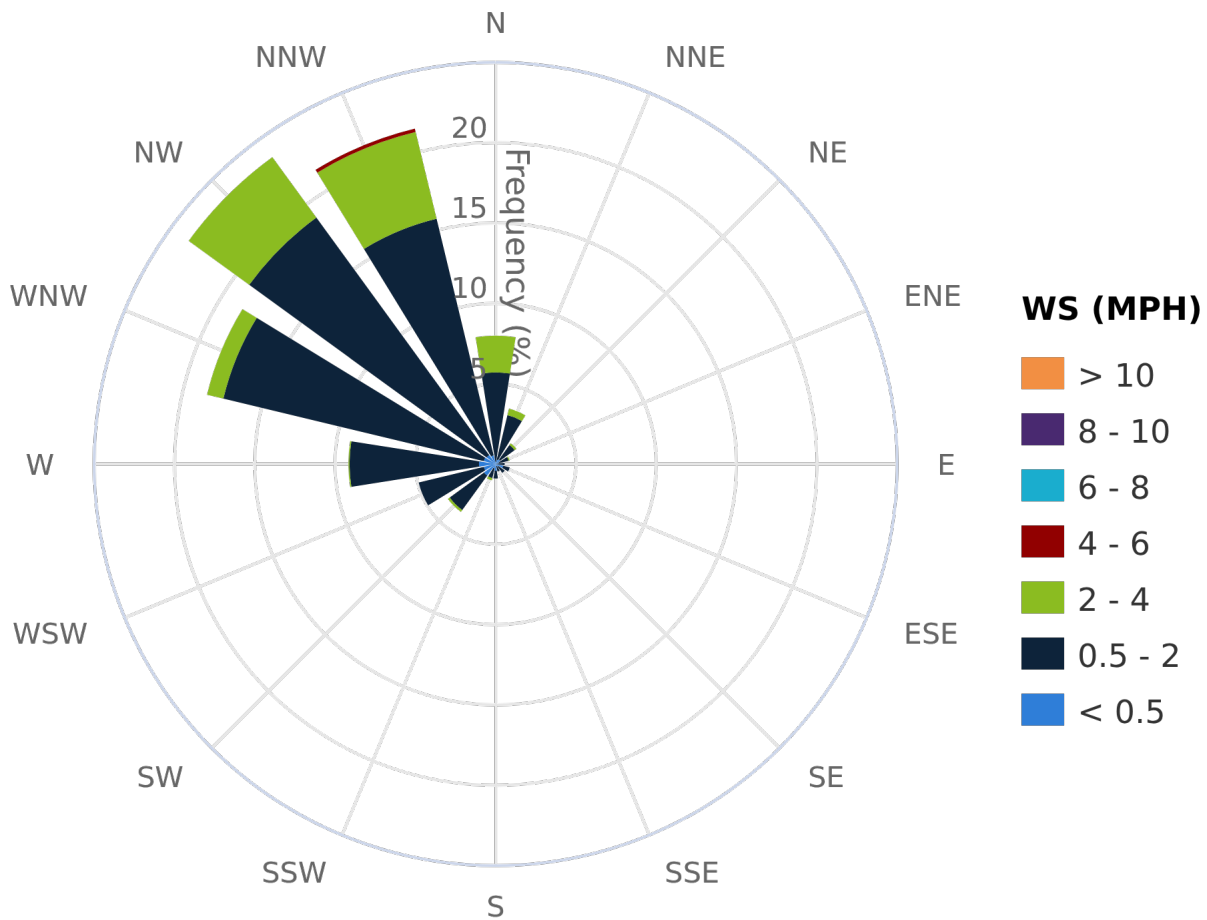


Figure 3 : Wind Rose Chart (WS in MPH)



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-12-08

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	13.9	14.3	19.0	9.3	1.9	2.4	1.5	2.5	-0.004	0.002	0.000	0.000
00:15:00	12.5	16.2	12.4	8.9	1.8	2.7	1.5	2.0	-0.002	0.002	0.000	0.000
00:30:00	11.3	17.3	15.5	10.0	1.7	2.9	1.7	2.2	0.000	0.000	0.000	0.000
00:45:00	15.5	24.5	11.4	7.1	2.1	3.4	1.6	2.2	-0.001	0.003	0.000	0.000
01:00:00	18.1	22.1	8.7	7.8	2.3	3.7	1.7	2.0	0.000	0.004	0.000	0.001
01:15:00	12.2	20.6	7.9	8.0	1.8	3.2	1.8	1.8	-0.001	0.003	0.000	0.000
01:30:00	8.9	17.2	7.4	6.6	1.5	2.5	1.3	1.9	0.001	0.002	0.000	0.000
01:45:00	9.4	18.5	8.3	6.8	1.4	2.5	1.3	2.1	0.000	0.004	0.000	0.000
02:00:00	8.3	14.8	8.3	6.5	1.3	2.1	1.2	1.8	-0.002	0.004	0.000	0.002
02:15:00	9.5	11.2	8.6	7.4	1.4	1.8	1.4	1.7	-0.001	0.003	0.000	0.000
02:30:00	10.2	7.8	9.0	8.1	1.7	1.8	1.8	1.9	0.002	0.006	0.000	0.000
02:45:00	10.3	11.2	10.5	7.8	2.1	2.5	2.0	2.5	0.001	0.006	0.000	0.000
03:00:00	11.1	12.9	10.8	8.2	2.9	3.9	2.9	3.8	0.000	0.007	0.000	0.000
03:15:00	10.5	12.5	11.6	8.1	3.7	5.2	3.6	4.9	0.005	0.005	0.000	0.001
03:30:00	10.9	12.2	12.5	8.8	4.3	6.6	4.5	6.2	0.002	0.005	0.000	0.003
03:45:00	12.7	12.9	14.3	11.6	6.2	8.2	5.9	7.6	0.000	0.006	0.000	0.003
04:00:00	14.0	15.6	14.2	13.1	7.3	10.8	6.8	7.5	0.001	0.000	0.000	0.002
04:15:00	14.8	16.7	14.5	11.4	7.5	10.8	6.2	7.4	0.001	0.003	0.000	0.004
04:30:00	11.1	17.1	12.7	7.7	5.0	10.0	3.9	6.4	0.002	0.003	0.000	0.004
04:45:00	9.6	13.2	12.5	7.5	3.9	7.2	3.7	6.3	0.004	0.001	0.000	0.003
05:00:00	9.0	11.4	11.1	6.7	3.7	6.1	3.3	5.3	0.004	0.003	0.000	0.002
05:15:00	9.6	11.3	11.1	12.3	4.3	6.5	4.4	4.9	0.003	0.002	0.000	0.003
05:30:00	10.8	11.9	11.9	9.2	4.9	7.3	4.2	5.5	0.002	0.004	0.000	0.004
05:45:00	9.4	13.9	10.4	7.3	4.3	7.9	3.7	5.3	0.004	0.004	0.000	0.005
06:00:00	10.1	12.3	11.5	11.1	5.0	7.8	4.8	5.7	0.006	0.005	0.000	0.003
06:15:00	13.1	14.2	12.8	11.9	7.4	9.5	6.8	7.6	0.004	0.004	0.000	0.005
06:30:00	13.2	17.9	11.3	10.8	7.8	12.3	6.8	6.5	0.002	0.003	0.000	0.006
06:45:00	9.7	17.6	7.6	7.9	5.9	12.5	5.2	4.7	0.002	0.002	0.000	0.005
07:00:00	7.0	10.6	6.6	6.7	4.0	7.5	4.0	4.0	0.005	0.005	0.000	0.005
07:15:00	5.3	8.6	5.4	5.5	2.8	5.7	2.8	2.4	0.006	0.007	0.000	0.005
07:30:00	5.6	5.8	5.3	5.8	2.7	3.6	2.6	2.8	0.005	0.003	0.000	0.004
07:45:00	6.0	5.2	5.4	6.3	2.8	3.3	2.5	2.9	0.006	0.004	0.000	0.004
08:00:00	5.7	6.6	6.1	6.4	2.8	4.1	3.0	3.1	0.004	0.002	0.000	0.003
08:15:00	5.4	6.4	5.0	6.2	2.4	3.7	2.7	2.4	-0.001	0.001	0.000	0.001
08:30:00	5.1	7.0	4.2	5.4	1.8	3.4	2.1	2.2	0.002	0.000	0.000	0.003
08:45:00	6.7	7.6	4.0	5.2	2.2	3.6	2.1	2.3	0.002	0.000	0.000	0.003
09:00:00	7.1	6.8	4.0	4.7	2.4	3.8	2.2	2.5	0.001	0.000	0.000	0.001
09:15:00	4.5	6.2	5.0	5.1	2.4	4.0	2.7	2.9	0.002	0.000	0.000	0.002
09:30:00	4.7	6.6	5.2	5.5	2.6	4.8	2.9	3.3	-0.004	0.001	0.000	0.002
09:45:00	4.6	8.2	4.6	4.8	2.9	6.0	2.5	3.1	-0.003	0.000	0.000	0.000
10:00:00	3.9	7.2	3.4	3.6	2.1	5.1	1.7	1.9	-0.002	0.000	0.000	0.000
10:15:00	3.5	4.3	3.3	3.2	1.7	3.0	1.6	1.9	0.002	0.001	0.000	0.001
10:30:00	3.2	4.2	3.8	3.0	1.7	2.9	1.5	1.8	0.005	0.001	0.000	0.001
10:45:00	2.5	4.1	2.6	2.2	1.2	2.9	1.1	1.4	0.003	0.000	0.000	0.000
11:00:00	2.7	3.4	2.6	2.5	1.3	2.2	1.3	1.5	-0.001	0.002	0.000	0.000
11:15:00	2.6	3.1	2.6	2.7	1.3	2.2	1.3	1.4	-0.004	0.003	0.000	0.000
11:30:00	2.5	2.6	2.4	2.3	1.1	1.7	1.1	1.2	-0.012	0.002	0.000	0.000
11:45:00	2.1	2.6	2.4	2.1	1.0	1.5	0.9	1.1	-0.009	0.003	0.000	0.000



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-12-08

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	2.2	2.3	2.5	2.1	0.9	1.4	1.0	1.1	-0.003	0.004	0.000	0.000
12:15:00	2.2	2.5	2.4	2.0	1.0	1.4	1.0	1.1	-0.002	0.003	0.000	0.000
12:30:00	2.1	3.2	2.5	1.8	1.0	1.5	0.9	1.1	0.003	0.008	0.000	0.000
12:45:00	2.3	3.1	2.2	2.2	0.9	1.4	0.9	1.0	0.006	0.014	0.000	0.002
13:00:00	2.6	3.6	2.7	2.4	0.9	1.4	0.9	1.1	0.014	0.016	0.000	0.007
13:15:00	3.0	3.2	3.2	2.5	1.0	1.4	1.0	1.3	0.015	0.019	0.000	0.009
13:30:00	3.1	3.3	3.1	2.5	1.3	1.5	1.1	1.4	0.013	0.012	0.000	0.006
13:45:00	2.7	3.2	2.2	2.3	1.2	1.6	1.1	1.1	0.011	0.007	0.000	0.006
14:00:00	2.4	3.2	2.4	2.1	1.0	1.5	1.0	1.0	0.009	0.008	0.000	0.002
14:15:00	2.6	3.8	2.5	2.1	1.0	1.4	0.9	0.9	0.009	0.008	0.000	0.005
14:30:00	2.5	3.3	2.4	2.1	1.0	1.3	0.9	0.9	0.013	0.011	0.000	0.006
14:45:00	1.9	2.7	2.1	1.9	0.7	1.1	0.7	0.8	0.008	0.009	0.000	0.002
15:00:00	2.2	2.3	2.1	1.8	0.7	0.9	0.7	0.8	0.006	0.010	0.000	0.001
15:15:00	2.5	2.0	2.3	2.5	0.7	0.9	0.8	0.8	0.008	0.015	0.000	0.001
15:30:00	2.8	3.3	2.7	2.2	0.8	1.1	0.8	0.9	0.012	0.015	0.000	0.003
15:45:00	2.9	3.7	3.2	3.1	0.8	1.1	1.0	1.0	0.015	0.010	0.000	0.004
16:00:00	3.1	4.1	3.6	2.7	0.9	1.2	0.9	1.1	0.013	0.016	0.000	0.004
16:15:00	4.1	6.1	3.5	2.8	1.0	1.4	0.9	1.1	0.013	0.016	0.000	0.007
16:30:00	3.6	6.6	3.6	3.2	1.0	1.5	0.9	1.1	0.013	0.010	0.000	0.008
16:45:00	3.4	6.0	3.3	3.4	1.0	1.4	1.0	1.0	0.015	0.010	0.000	0.009
17:00:00	3.6	4.6	3.7	2.9	1.0	1.3	0.9	1.0	0.015	0.012	0.000	0.010
17:15:00	4.0	4.0	4.1	3.3	1.2	1.3	1.2	1.1	0.011	0.008	0.001	0.008
17:30:00	3.3	4.3	3.8	2.7	1.0	1.3	0.9	1.2	0.012	0.008	0.000	0.007
17:45:00	3.5	4.1	3.7	2.7	1.0	1.3	0.9	1.3	0.014	0.009	0.001	0.007
18:00:00	3.7	3.2	3.9	3.2	1.4	1.5	1.3	1.7	0.015	0.013	0.000	0.008
18:15:00	4.7	4.9	5.1	4.1	2.3	2.8	2.2	2.9	0.015	0.011	0.000	0.009
18:30:00	5.7	8.0	6.5	4.9	3.4	4.8	3.2	4.0	0.016	0.010	0.000	0.011
18:45:00	6.3	9.1	6.5	5.3	3.9	6.2	3.6	4.3	0.017	0.012	0.001	0.009
19:00:00	6.5	9.8	6.8	5.2	3.9	6.4	3.5	4.3	0.020	0.010	0.001	0.008
19:15:00	6.2	10.7	6.4	4.8	3.5	6.1	3.1	4.0	0.021	0.009	0.000	0.007
19:30:00	5.8	9.4	6.0	5.1	3.3	5.6	3.1	3.6	0.021	0.011	0.000	0.010
19:45:00	6.1	9.0	6.8	5.3	3.3	5.4	3.1	3.9	0.019	0.013	0.000	0.010
20:00:00	6.6	7.8	7.7	5.7	3.6	5.5	3.2	4.2	0.017	0.015	0.000	0.011
20:15:00	6.9	8.2	7.4	5.8	4.0	6.2	3.6	4.6	0.019	0.014	0.000	0.011
20:30:00	7.1	8.6	7.2	5.8	4.2	6.7	3.6	4.7	0.020	0.016	0.000	0.012
20:45:00	6.8	9.2	7.5	5.7	4.1	6.7	3.6	4.5	0.021	0.014	0.000	0.010
21:00:00	6.9	8.9	7.3	5.7	3.8	6.3	3.4	4.2	0.018	0.010	0.000	0.009
21:15:00	6.3	7.6	6.3	5.3	3.4	5.8	3.1	3.8	0.017	0.011	0.000	0.012
21:30:00	5.5	6.9	5.8	5.0	3.2	5.1	2.8	3.6	0.022	0.015	0.002	0.015
21:45:00	5.5	7.1	6.1	4.9	3.1	4.9	2.7	3.7	0.024	0.012	0.004	0.015
22:00:00	6.0	6.9	5.9	4.9	3.3	5.0	2.8	3.6	0.022	0.011	0.002	0.014
22:15:00	5.8	6.4	6.4	5.3	3.2	4.9	2.9	3.5	0.020	0.010	0.001	0.011
22:30:00	5.6	6.4	7.3	5.6	3.1	4.8	2.9	3.6	0.021	0.014	0.002	0.011
22:45:00	5.7	6.7	6.5	5.3	3.3	5.0	2.9	3.8	0.024	0.016	0.001	0.015
23:00:00	5.8	6.9	6.3	5.3	3.4	5.4	3.1	3.8	0.025	0.012	0.000	0.018
23:15:00	5.9	7.4	7.8	6.0	3.4	5.4	3.1	3.9	0.026	0.013	0.002	0.019
23:30:00	5.7	7.2	7.7	5.9	3.3	5.4	3.1	4.0	0.025	0.013	0.003	0.019
23:45:00	6.2	9.5	7.8	5.4	3.3	5.5	3.1	4.0	0.023	0.012	0.003	0.018



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-12-08

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