



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-10-20

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.07000 Max : 29.28	2943 ESE	2693 NNE	2996 SSE	2997 W	Min : 59.72 Max : 89.60	Min : 46.40 Max : 98.20	Min : 0 Max : 30.28

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)
2693	10.0	25.1	3.4	6.5	0.000	0.002
2943	17.0	80.8	4.2	16.7	-0.010	0.092
2996	12.0	29.1	3.9	8.0	0.000	0.007
2997	16.2	32.5	4.7	8.0	0.009	0.069



Figure 1 : Monitoring Locations

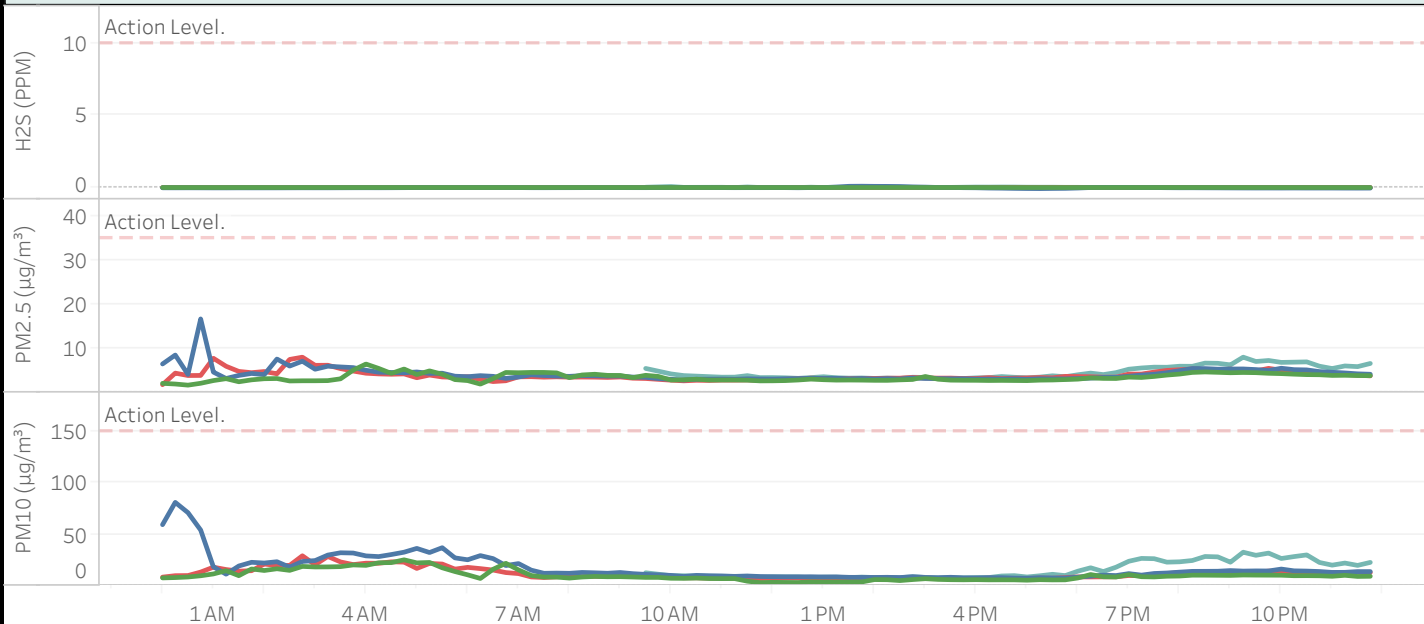


Figure 2 : 15 Minutes Average Concentrations

2693 2943 2996 2997



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-10-20

Wind Rose Chart 2943

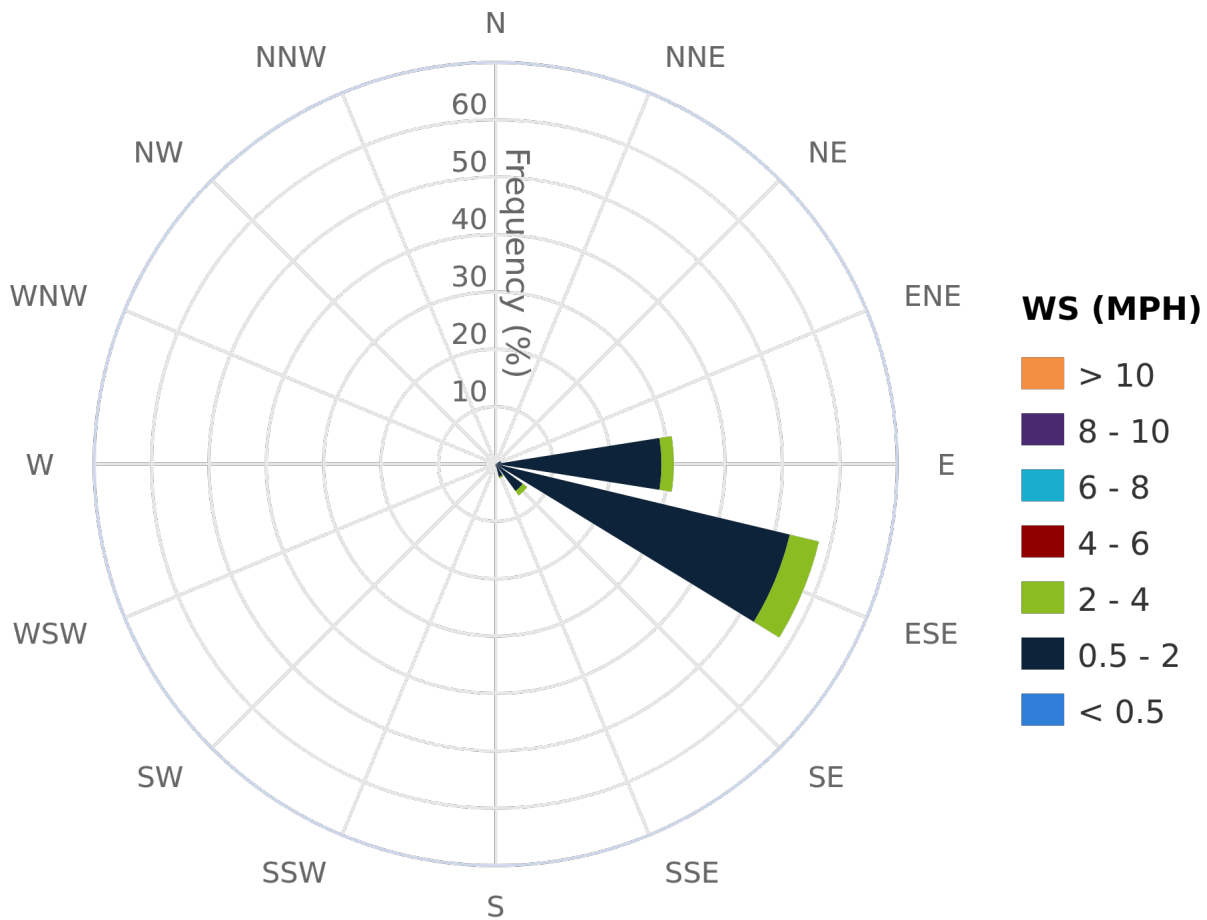


Figure 3 : Wind Rose Chart (WS in MPH)



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-10-20

Wind Rose Chart 2693

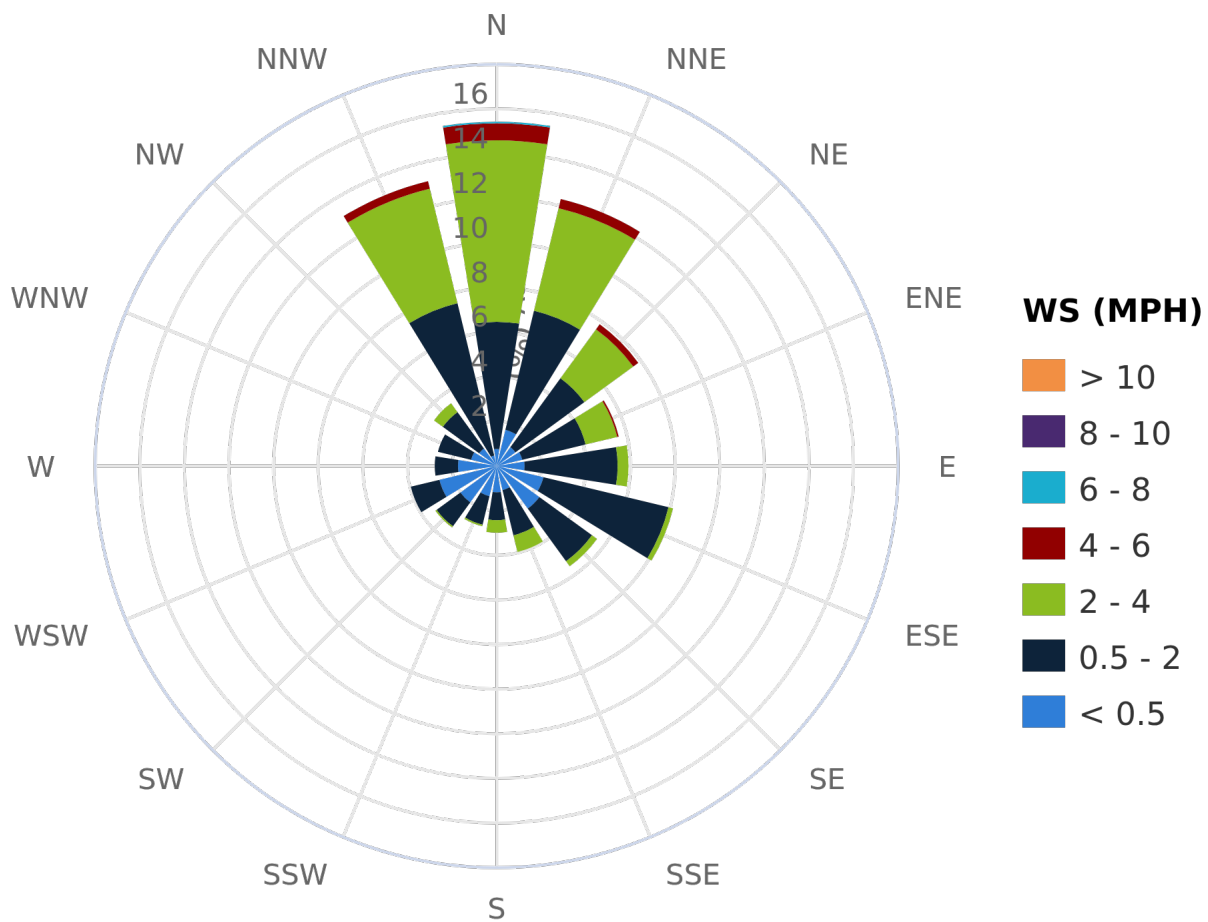


Figure 3 : Wind Rose Chart (WS in MPH)



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-10-20

Wind Rose Chart 2996

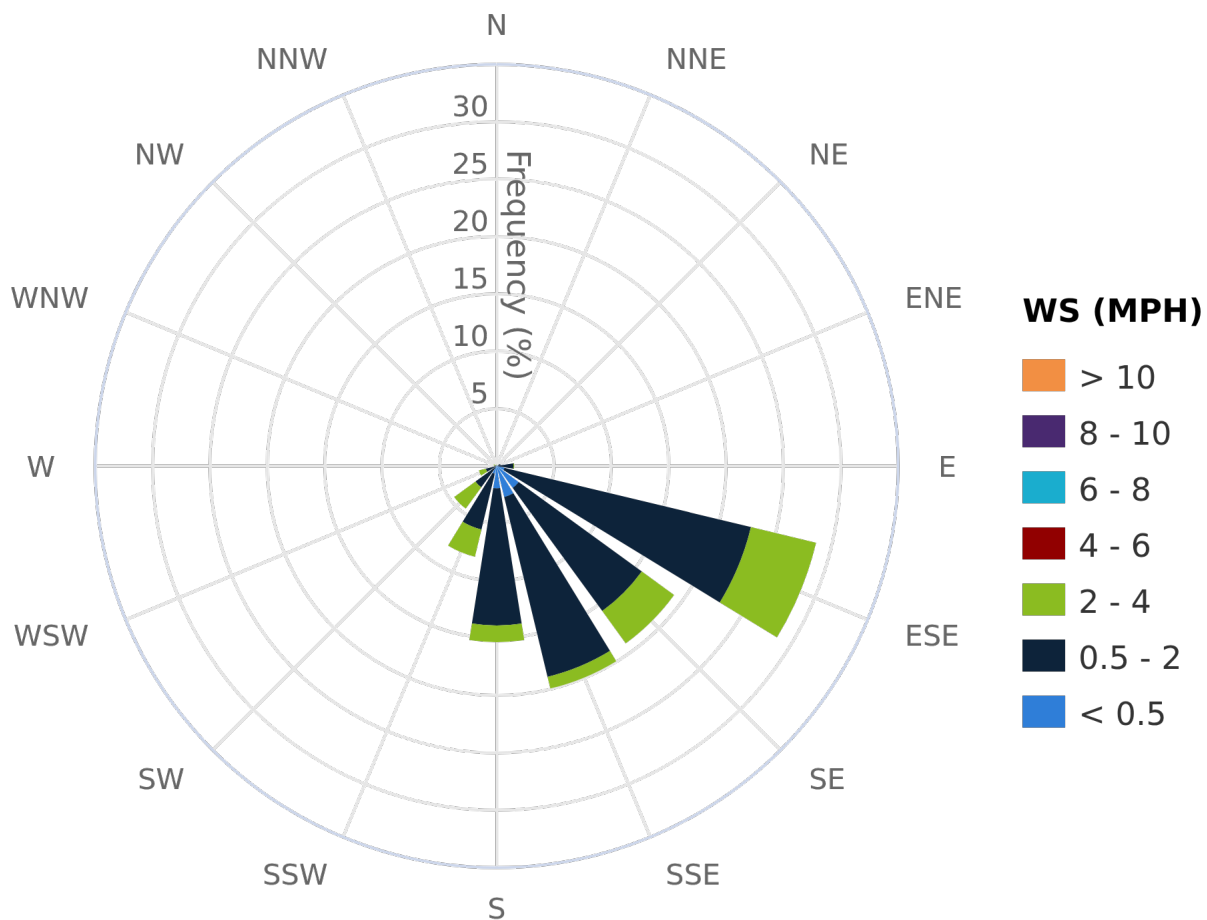


Figure 3 : Wind Rose Chart (WS in MPH)



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-10-20

Wind Rose Chart 2997

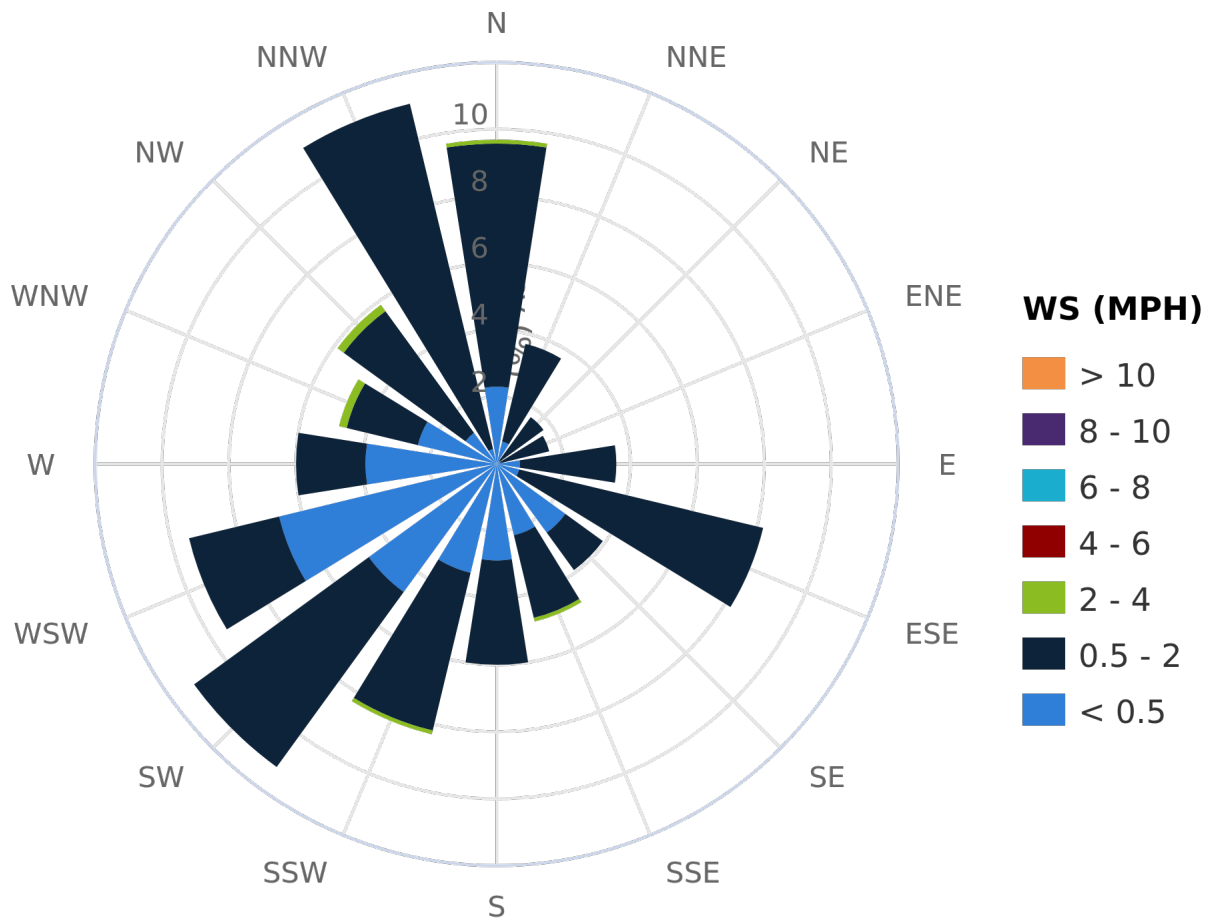


Figure 3 : Wind Rose Chart (WS in MPH)



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-10-20

Table 3 : 15 Minute Average Concentrations (AM)

	Avg. 2943 - PM10 (µg/m³)	Avg. 2693 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 2693 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 2693 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
00:00:00	59.1	7.6		8.4	6.5	2.1	1.8		-0.019	0.000	0.000	
00:15:00	80.8	7.9		9.8	8.5	1.9	4.4		-0.021	0.000	0.000	
00:30:00	70.8	8.5		9.9	4.1	1.7	3.9		-0.019	0.000	0.000	
00:45:00	53.9	9.7		13.3	16.7	2.1	3.9		-0.021	0.000	0.000	
01:00:00	18.3	11.5		18.0	4.6	2.7	7.8		-0.024	-0.001	0.000	
01:15:00	11.2	14.6		15.7	3.2	3.2	6.0		-0.024	0.000	0.000	
01:30:00	19.1	9.8		14.2	3.9	2.5	4.8		-0.022	0.000	0.000	
01:45:00	22.7	16.3		14.6	4.3	2.9	4.5		-0.023	0.001	0.000	
02:00:00	22.0	14.8		21.0	4.1	3.1	4.8		-0.023	0.000	0.000	
02:15:00	23.3	16.5		19.6	7.6	3.2	4.3		-0.022	-0.001	0.000	
02:30:00	18.0	14.9		19.8	6.0	2.6	7.5		-0.020	0.000	0.000	
02:45:00	23.5	18.7		29.1	7.1	2.7	8.0		-0.018	0.000	0.000	
03:00:00	24.4	18.2		20.3	5.3	2.7	6.2		-0.019	0.000	0.000	
03:15:00	29.7	18.3		28.4	6.0	2.7	6.2		-0.020	0.000	0.000	
03:30:00	32.0	18.5		23.1	5.8	3.1	5.4		-0.018	-0.001	0.000	
03:45:00	31.7	20.2		20.5	5.7	5.1	4.9		-0.015	0.000	0.000	
04:00:00	28.9	19.8		21.9	5.1	6.5	4.4		-0.015	0.000	0.000	
04:15:00	28.3	22.3		21.8	4.6	5.5	4.2		-0.016	0.000	0.000	
04:30:00	30.3	22.4		23.2	4.6	4.3	4.2		-0.014	0.001	0.000	
04:45:00	32.5	25.1		22.9	4.5	5.3	4.2		-0.009	0.000	0.000	
05:00:00	36.2	22.2		16.8	4.7	4.1	3.4		-0.005	0.000	0.000	
05:15:00	32.2	22.6		21.6	4.3	4.9	4.0		-0.002	0.000	0.000	
05:30:00	36.9	17.4		21.0	4.4	4.2	3.5		-0.004	0.000	0.000	
05:45:00	27.0	13.8		16.1	3.7	2.9	3.4		-0.005	0.000	0.000	
06:00:00	25.2	10.6		17.8	3.6	2.7	3.6		-0.002	0.000	0.000	
06:15:00	29.2	7.1		16.6	3.8	1.9	3.0		0.000	0.000	0.001	
06:30:00	26.3	16.0		15.2	3.7	3.2	2.5		0.001	0.000	0.000	
06:45:00	19.6	21.8		12.8	3.2	4.6	2.7		0.001	0.000	0.003	
07:00:00	21.5	15.4		11.8	3.5	4.5	3.6		-0.006	0.000	0.000	
07:15:00	15.1	9.9		8.5	4.0	4.6	3.6		-0.012	0.000	0.000	
07:30:00	12.1	8.5		8.0	3.9	4.6	3.5		-0.013	0.000	0.000	
07:45:00	12.3	8.4		8.7	3.7	4.5	3.6		-0.011	0.000	0.000	
08:00:00	12.1	7.4		9.3	3.7	3.4	3.5		-0.010	0.000	0.000	
08:15:00	12.9	8.5		8.8	3.8	4.0	3.5		-0.008	0.001	0.000	
08:30:00	12.6	9.0		9.2	3.8	4.2	3.5		-0.007	0.000	0.000	
08:45:00	12.1	8.7		9.0	3.7	3.9	3.4		-0.008	0.000	0.000	
09:00:00	12.9	8.8		10.0	3.8	3.9	3.5		-0.008	0.000	0.000	
09:15:00	11.7	8.5		9.1	3.5	3.4	3.3		-0.008	0.000	0.000	
09:30:00	11.0	8.1	12.6	9.1	3.5	3.9	3.2	5.5	-0.009	0.000	0.000	0.022
09:45:00	10.6	8.1		9.4	3.2	3.7	3.0		-0.004	0.000	0.000	
10:00:00	10.0	7.3	9.8	8.5	3.0	2.8	2.8	4.2	0.003	0.000	0.000	0.069
10:15:00	9.0	7.2	9.7	7.7	2.9	2.9	2.7	3.9	0.007	0.000	0.000	0.012
10:30:00	10.1	7.5		7.7	3.0	3.0	2.8		0.007	0.001	0.000	
10:45:00	9.7	7.0		7.4	3.0	2.8	2.8		0.002	0.001	0.000	
11:00:00	9.5	6.9	9.2	7.5	3.1	2.9	2.8	3.5	-0.007	0.000	0.000	0.018
11:15:00	9.1	6.9	9.2	7.4	3.0	2.9	2.8	3.5	-0.010	0.000	0.000	0.001
11:30:00	9.5	4.4	9.2	7.3	3.1	2.8	2.9	3.8	-0.008	0.000	0.000	0.039
11:45:00	9.0	3.1	8.2	6.9	3.1	2.7	2.7	3.4	-0.009	0.000	0.000	0.003



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-10-20

Table 3 : 15 Minute Average Concentrations (AM)

	Avg. 2943 - PM10 (µg/m³)	Avg. 2693 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 2693 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 2693 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
12:00:00	8.8	3.3	8.7	7.3	3.1	2.7	2.9	3.4	-0.008	0.000	0.000	0.002
12:15:00	8.7	3.2	8.6	7.6	3.1	2.7	3.0	3.3	-0.008	0.000	0.000	0.000
12:30:00	8.7	3.1	8.5	7.6	3.2	2.9	3.1	3.2	-0.016	0.000	0.000	0.000
12:45:00	8.8	3.8	7.8	7.8	3.2	3.1	3.3	3.4	-0.004	0.000	0.000	0.024
13:00:00	8.5	3.6	8.4	7.4	3.2	2.9	3.2	3.6	-0.002	0.000	0.000	0.000
13:15:00	8.6	3.7	8.3	7.5	3.3	2.8	3.2	3.4	0.038	0.000	0.000	0.000
13:30:00	8.2	3.6	7.9	7.3	3.1	2.8	3.1	3.3	0.086	0.000	0.007	0.000
13:45:00	8.1	3.7	8.4	7.3	3.2	2.8	3.2	3.3	0.092	0.000	0.006	0.005
14:00:00	8.1	6.0	8.0	7.3	3.1	2.8	3.2	3.2	0.083	0.000	0.001	0.033
14:15:00	8.2	5.9	8.2	7.3	3.2	2.8	3.3	3.3	0.080	0.000	0.001	0.038
14:30:00	8.0	5.0	7.9	7.3	3.1	2.9	3.3	3.2	0.070	0.000	0.000	0.031
14:45:00	8.8	6.0	8.7	7.4	3.3	3.0	3.4	3.5	0.043	0.000	0.000	0.017
15:00:00	8.1	6.8	8.2	7.4	3.2	3.7	3.3	3.4	0.029	0.000	0.000	0.008
15:15:00	7.8	6.2	7.7	7.1	3.2	3.0	3.3	3.2	0.006	0.001	0.000	0.002
15:30:00	8.2	5.9	8.0	7.3	3.1	2.8	3.3	3.2	0.002	0.001	0.000	0.011
15:45:00	7.7	5.8	7.7	7.1	3.1	2.8	3.2	3.2	-0.011	0.000	0.000	0.022
16:00:00	7.6	5.9	7.9	7.0	3.1	2.8	3.2	3.3	-0.018	0.000	0.000	0.033
16:15:00	7.9	5.7	8.0	7.3	3.1	2.7	3.4	3.4	-0.036	0.001	0.000	0.031
16:30:00	7.9	5.8	9.5	7.1	3.0	2.8	3.2	3.6	-0.044	0.001	0.000	0.036
16:45:00	7.4	5.7	9.8	7.2	3.1	2.7	3.3	3.5	-0.059	0.000	0.000	0.033
17:00:00	7.3	5.4	8.5	7.2	3.0	2.7	3.3	3.4	-0.069	0.000	0.000	0.024
17:15:00	7.9	5.9	9.7	7.4	3.1	2.8	3.4	3.5	-0.074	0.001	0.000	0.022
17:30:00	7.5	5.7	11.1	7.3	3.1	2.9	3.3	3.8	-0.064	0.000	0.000	0.022
17:45:00	7.5	5.7	9.9	7.9	3.1	3.0	3.7	3.6	-0.057	0.000	0.000	0.016
18:00:00	8.4	7.6	14.1	8.6	3.2	3.1	3.6	4.0	-0.034	0.000	0.000	0.015
18:15:00	9.3	10.9	17.4	8.5	3.3	3.3	3.6	4.4	-0.002	0.000	0.000	0.008
18:30:00	10.3	8.7	13.8	8.6	3.4	3.2	3.5	4.1	0.008	0.000	0.001	0.005
18:45:00	9.9	8.5	18.0	8.7	3.5	3.2	3.5	4.5	0.011	0.001	0.002	0.003
19:00:00	11.8	10.7	23.7	9.9	3.7	3.5	4.2	5.3	0.005	0.001	0.000	0.000
19:15:00	10.3	8.8	26.5	9.7	4.0	3.4	4.2	5.6	-0.006	0.000	0.000	0.000
19:30:00	11.9	8.5	26.2	10.9	4.2	3.7	4.7	5.8	-0.003	0.001	0.000	0.000
19:45:00	12.4	9.2	22.9	11.8	4.5	4.0	5.0	5.7	-0.012	0.001	0.000	0.000
20:00:00	13.2	9.4	23.2	12.8	5.0	4.2	5.2	6.0	-0.017	0.001	0.000	0.000
20:15:00	14.0	10.3	24.5	13.1	5.5	4.6	5.4	6.0	-0.016	0.000	0.000	0.000
20:30:00	14.0	10.2	28.4	13.0	5.4	4.7	5.2	6.7	-0.020	0.002	0.000	0.000
20:45:00	14.1	10.1	28.0	13.2	5.3	4.6	5.2	6.6	-0.023	0.001	0.000	0.000
21:00:00	14.7	10.0	22.8	13.6	5.3	4.5	5.3	6.3	-0.028	0.000	0.000	0.000
21:15:00	14.2	10.4	32.5	13.4	5.4	4.6	5.1	8.0	-0.031	0.000	0.000	0.000
21:30:00	14.4	10.3	29.5	12.8	5.2	4.5	4.9	7.0	-0.033	0.000	0.000	0.000
21:45:00	14.3	10.3	31.6	14.2	5.0	4.4	5.5	7.3	-0.033	0.000	0.000	0.000
22:00:00	16.2	10.2	26.4	13.5	5.5	4.3	5.1	6.8	-0.034	0.001	0.000	0.000
22:15:00	14.5	9.7	28.3	13.4	5.2	4.2	4.8	6.9	-0.032	0.001	0.000	0.000
22:30:00	14.2	9.8	29.9	13.3	5.1	4.1	4.8	7.0	-0.035	0.001	0.000	0.000
22:45:00	13.8	9.7	22.6	12.8	4.8	4.0	4.6	6.0	-0.035	0.000	0.000	0.000
23:00:00	12.9	9.2	20.0	12.8	4.6	3.9	4.3	5.4	-0.036	0.000	0.000	0.000
23:15:00	13.0	10.1	22.0	12.9	4.5	3.9	4.1	6.0	-0.039	0.000	0.000	0.000
23:30:00	13.7	9.0	19.7	13.1	4.3	3.9	3.9	5.9	-0.041	0.000	0.000	0.000
23:45:00	13.7	9.2	22.6	12.8	4.2	3.8	3.8	6.6	-0.039	0.001	0.000	0.000



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-10-20

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