



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-12-04

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.07000 Max : 32.03	2943 ENE	3277 N	2996 SSE	2997 N	Min : 43.52 Max : 79.16	Min : 44.90 Max : 81.00	Min : 30.05 Max : 30.27

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	12.2	67.8	6.2	12.1	-0.017	0.014
2996	9.1	22.3	5.4	8.1	0.001	0.009
2997	10.3	36.0	6.7	29.4	0.001	0.013
3277	10.5	15.7	7.5	10.7	0.001	0.046



Figure 1 : Monitoring Locations

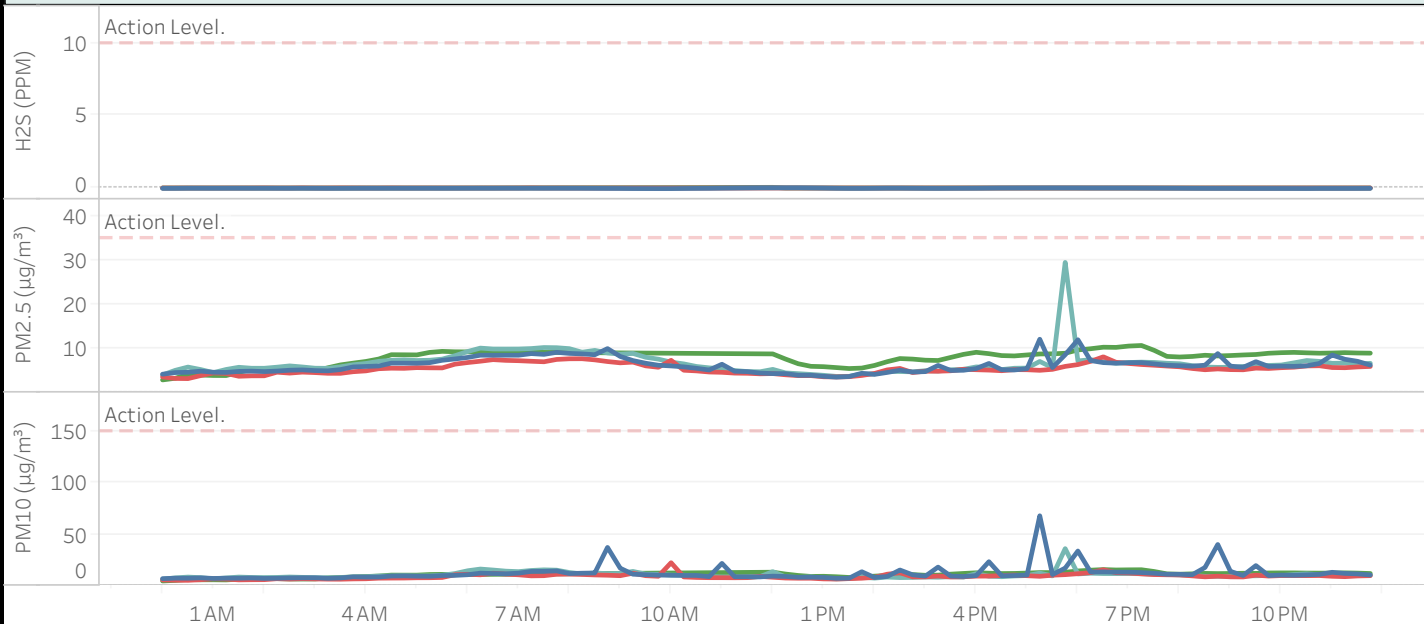


Figure 2 : 15 Minutes Average Concentrations

2943 2996 2997 3277



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-12-04

Wind Rose Chart 2943

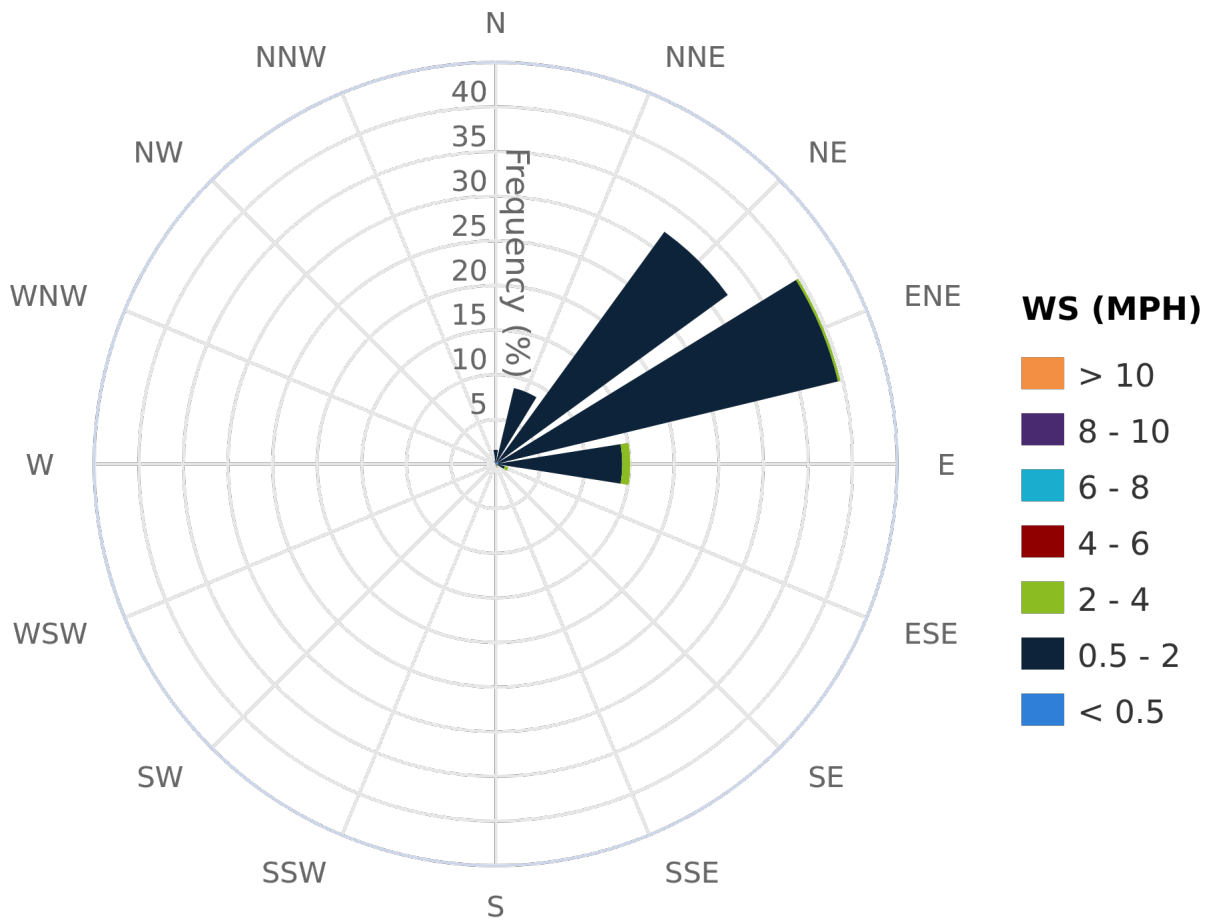


Figure 3 : Wind Rose Chart (WS in MPH)



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-12-04

Wind Rose Chart 3277

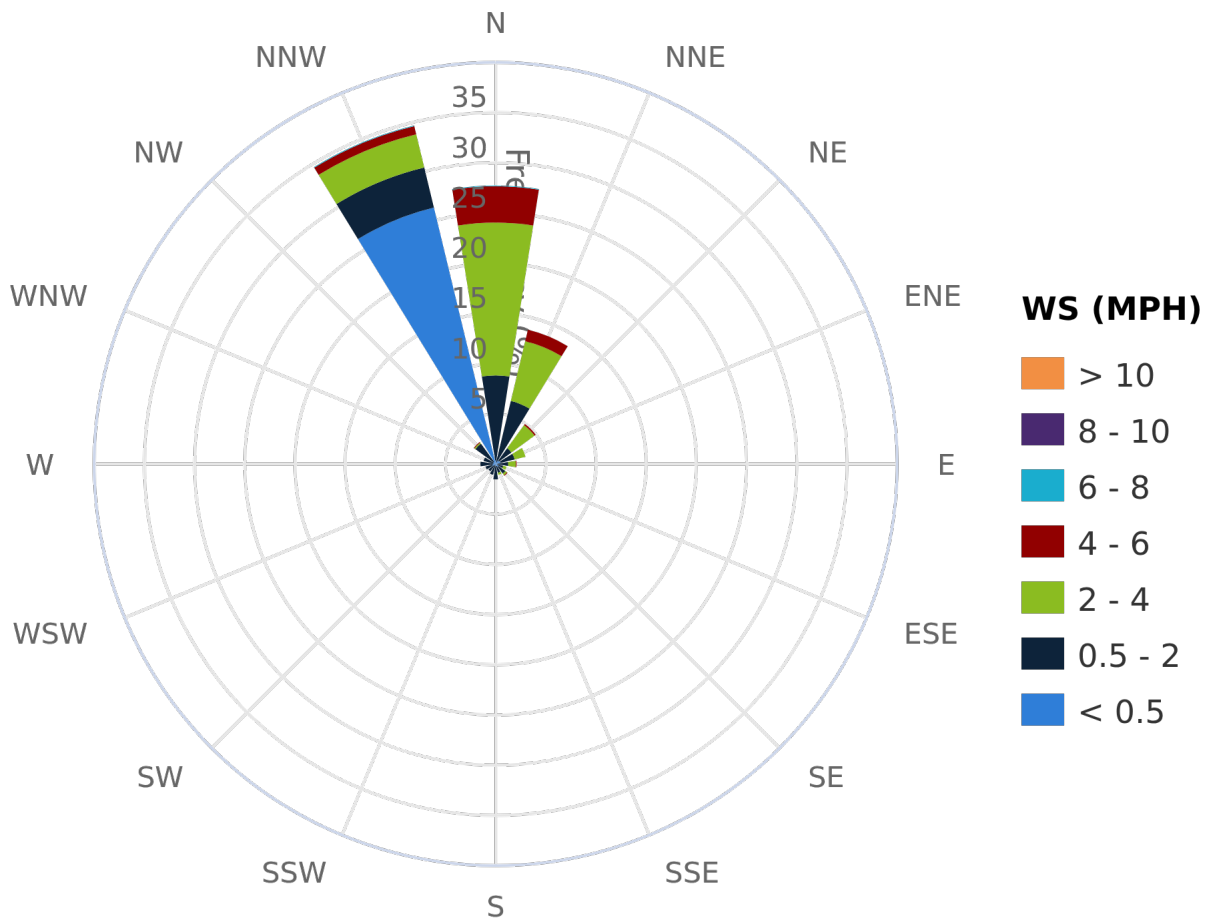


Figure 3 : Wind Rose Chart (WS in MPH)



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-12-04

Wind Rose Chart 2996

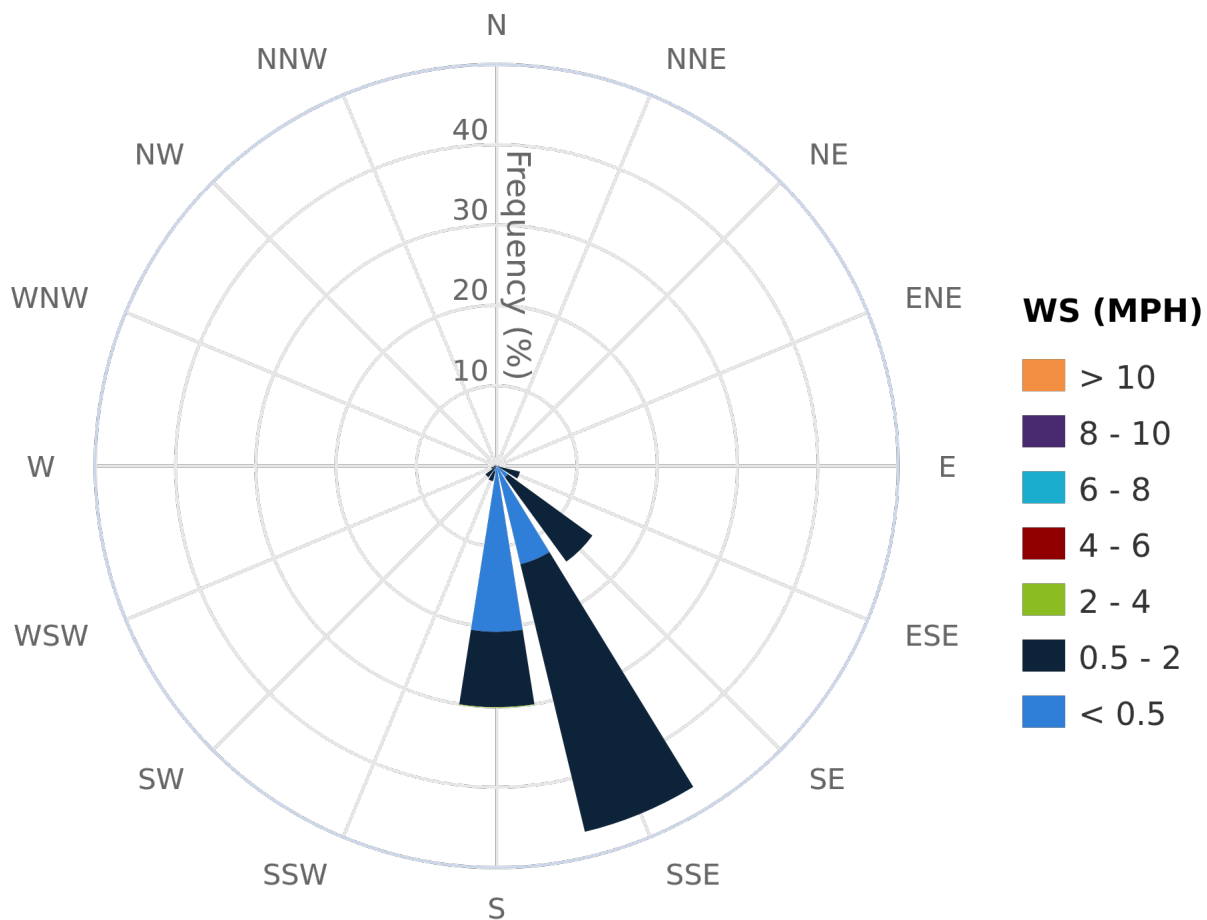


Figure 3 : Wind Rose Chart (WS in MPH)



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-12-04

Wind Rose Chart 2997

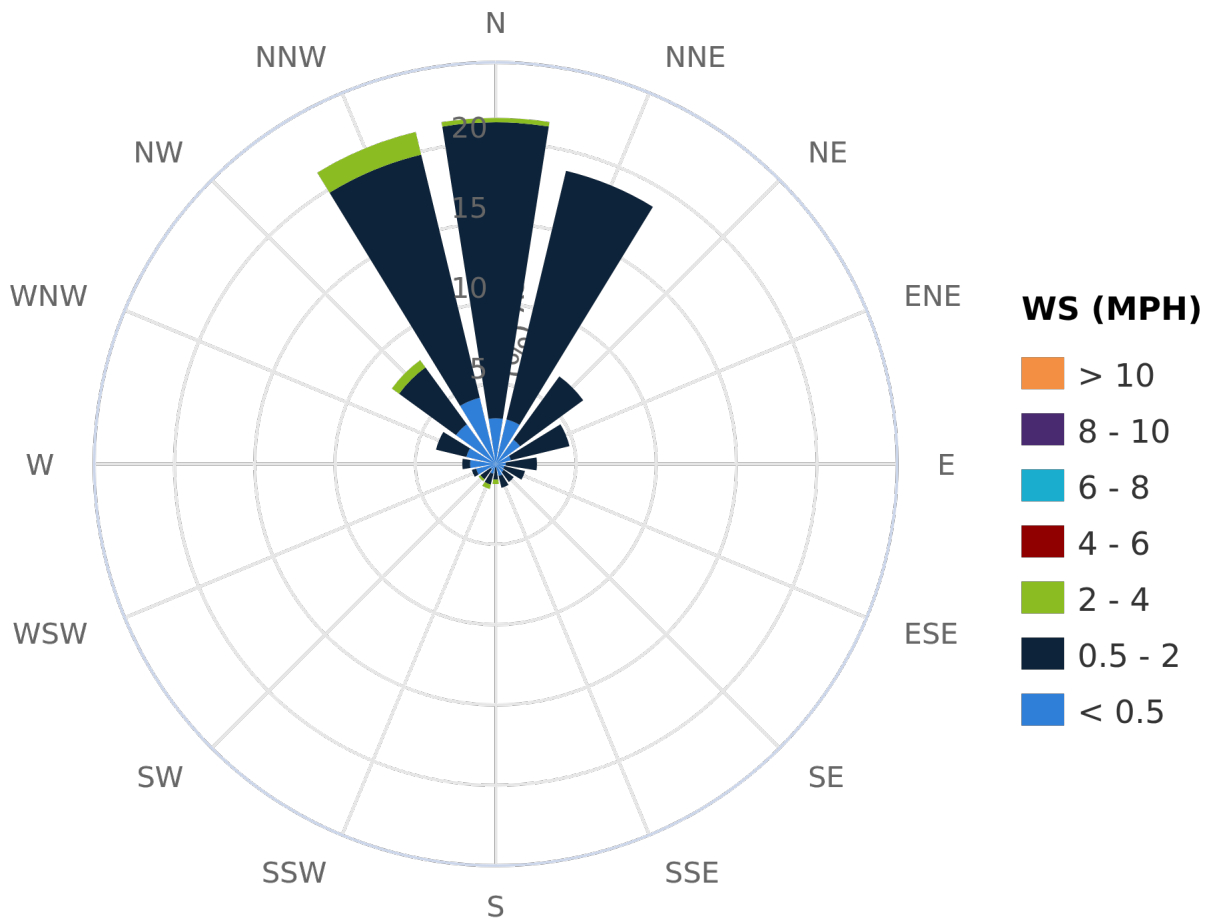


Figure 3 : Wind Rose Chart (WS in MPH)



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-12-04

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	6.9	4.6	6.4	5.7	4.2	2.9	3.6	4.0	-0.026	0.000	0.000	0.000
00:15:00	7.4	5.2	7.7	5.4	4.5	3.3	3.2	5.0	-0.025	0.001	0.000	0.000
00:30:00	7.3	6.1	8.4	5.3	4.6	4.1	3.2	5.8	-0.017	0.001	0.000	0.000
00:45:00	7.7	5.8	7.9	5.9	4.9	4.0	3.9	5.2	-0.018	0.001	0.000	0.000
01:00:00	7.1	5.8	6.7	6.7	4.6	3.9	4.5	4.5	-0.019	0.000	0.000	0.000
01:15:00	7.3	5.7	7.6	6.5	4.6	3.9	4.3	5.2	-0.018	0.000	0.000	0.000
01:30:00	7.3	6.3	8.4	5.7	4.8	4.6	3.7	5.7	-0.017	0.001	0.000	0.000
01:45:00	7.6	7.2	8.1	5.9	4.9	5.3	3.8	5.5	-0.018	0.000	0.002	0.000
02:00:00	7.1	7.2	8.0	5.9	4.8	5.3	3.8	5.5	-0.018	0.000	0.005	0.000
02:15:00	7.3	6.9	8.1	6.8	4.9	5.1	4.6	5.8	-0.020	0.000	0.000	0.000
02:30:00	7.6	6.6	8.5	6.5	5.1	4.8	4.4	6.0	-0.021	0.000	0.000	0.000
02:45:00	7.7	6.5	8.2	6.9	5.1	4.7	4.6	5.8	-0.018	0.000	0.008	0.000
03:00:00	7.8	6.6	7.9	6.6	5.0	4.9	4.5	5.5	-0.021	0.000	0.000	0.000
03:15:00	7.2	7.6	7.8	6.4	4.9	5.6	4.4	5.5	-0.024	0.000	0.002	0.000
03:30:00	7.6	8.1	7.9	6.4	5.2	6.3	4.4	5.8	-0.024	0.000	0.007	0.000
03:45:00	8.6	8.5	8.6	6.7	5.8	6.7	4.7	6.3	-0.020	0.001	0.004	0.000
04:00:00	8.4	9.0	8.8	6.8	5.9	7.1	4.9	6.6	-0.018	0.001	0.000	0.000
04:15:00	8.5	9.4	9.4	7.4	6.0	7.6	5.4	7.1	-0.019	0.000	0.000	0.000
04:30:00	9.4	10.3	9.5	7.4	6.7	8.6	5.5	7.3	-0.019	0.000	0.006	0.000
04:45:00	9.6	10.3	9.7	7.5	6.7	8.6	5.5	7.4	-0.018	0.000	0.000	0.000
05:00:00	9.3	10.3	9.5	7.7	6.6	8.5	5.7	7.3	-0.019	0.000	0.001	0.000
05:15:00	9.2	10.9	9.6	7.8	6.8	9.1	5.6	7.3	-0.018	0.000	0.001	0.000
05:30:00	9.9	11.0	10.2	8.0	7.3	9.3	5.6	7.6	-0.020	0.000	0.001	0.000
05:45:00	10.1	10.8	11.8	10.7	7.6	9.2	6.4	8.4	-0.019	0.000	0.000	0.000
06:00:00	10.7		14.5	11.1	8.0		6.8	9.3	-0.017		0.000	0.000
06:15:00	12.2		16.2	10.6	8.5		7.1	10.1	-0.016		0.000	0.000
06:30:00	11.9		15.2	12.1	8.4		7.5	9.9	-0.018		0.000	0.000
06:45:00	11.6		14.2	11.3	8.5		7.3	9.9	-0.014		0.000	0.000
07:00:00	12.2		13.7	10.6	8.5		7.2	9.9	-0.017		0.002	0.000
07:15:00	13.9		14.8	9.6	8.8		7.1	10.0	-0.016		0.009	0.000
07:30:00	14.0		15.4	9.8	8.6		7.0	10.2	-0.017		0.001	0.000
07:45:00	14.4		15.1	11.2	9.1		7.5	10.2	-0.017		0.002	0.000
08:00:00	11.8		12.9	11.3	8.9		7.7	9.9	-0.018		0.000	0.000
08:15:00	12.2		11.5	11.0	8.8		7.7	9.1	-0.019		0.000	0.000
08:30:00	12.4		12.4	10.5	8.6		7.4	9.5	-0.024		0.000	0.000
08:45:00	37.1		11.8	10.2	10.0		7.0	9.0	-0.028		0.000	0.000
09:00:00	17.0		12.0	9.8	8.2		6.7	8.7	-0.031		0.000	0.000
09:15:00	11.2		13.9	12.2	7.2		6.9	8.9	-0.038		0.000	0.000
09:30:00	10.7		11.3	9.8	6.6		6.1	8.0	-0.040		0.000	0.000
09:45:00	10.3		11.1	9.2	6.2		5.7	7.6	-0.041		0.000	0.000
10:00:00	10.2		10.3	22.3	6.0		7.3	6.9	-0.041		0.000	0.000
10:15:00	10.0		10.2	8.5	5.8		5.1	6.5	-0.032		0.000	0.000
10:30:00	10.0		9.0	8.0	5.5		4.9	5.9	-0.026		0.000	0.000
10:45:00	8.8		9.0	7.8	5.1		4.7	5.6	-0.021		0.000	0.000
11:00:00	21.7		8.5	7.8	6.4		4.6	5.4	-0.009		0.000	0.000
11:15:00	8.7		8.3	7.8	4.8		4.4	5.0	-0.001		0.000	0.000
11:30:00	8.8		8.0	7.9	4.7		4.4	4.8	0.007		0.000	0.002
11:45:00	8.6		8.9	9.1	4.4		4.3	4.7	0.013		0.000	0.007



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-12-04

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	9.3	13.1	13.7	8.2	4.3	8.8	4.3	5.3	0.014	0.046	0.000	0.009
12:15:00	9.0	11.4	8.6	7.5	4.3	7.6	4.0	4.5	0.014	0.000	0.000	0.011
12:30:00	8.2	10.0	8.1	7.3	3.9	6.5	3.8	4.3	0.013	0.000	0.000	0.013
12:45:00	8.3	9.0	8.6	7.3	3.9	5.9	3.8	4.1	0.004	0.000	0.000	0.008
13:00:00	8.1	9.2	7.2	6.7	3.7	5.9	3.6	3.9	-0.004	0.000	0.000	0.001
13:15:00	7.2	8.7	6.6	6.5	3.5	5.7	3.5	3.7	-0.019	0.000	0.000	0.000
13:30:00	7.3	8.1	7.0	6.9	3.6	5.4	3.6	3.7	-0.027	0.001	0.000	0.000
13:45:00	13.6	8.6	8.3	7.3	4.4	5.6	3.9	4.2	-0.028	0.000	0.000	0.000
14:00:00	8.0	9.3	7.4	8.2	4.1	6.1	4.3	4.2	-0.021	0.000	0.000	0.000
14:15:00	9.0	10.0	8.4	11.2	4.6	7.0	5.1	4.8	-0.013	0.001	0.000	0.001
14:30:00	15.3	11.2	7.9	12.6	5.1	7.7	5.5	4.8	-0.012	0.000	0.000	0.000
14:45:00	10.6	10.8	8.0	8.7	4.7	7.6	4.5	4.7	-0.019	0.002	0.000	0.000
15:00:00	9.3	10.2	8.5	8.6	4.7	7.3	4.8	5.0	-0.024	0.000	0.000	0.000
15:15:00	18.1	10.3	8.3	9.4	6.1	7.3	4.8	4.9	-0.027	0.002	0.000	0.001
15:30:00	9.3	11.3	8.8	8.5	5.0	8.0	4.9	5.2	-0.023	0.002	0.000	0.000
15:45:00	9.0	11.9	8.4	8.7	5.1	8.6	5.3	5.3	-0.020	0.002	0.000	0.000
16:00:00	9.8	12.6	11.7	9.3	5.4	9.1	5.2	5.8	-0.018	0.003	0.000	0.002
16:15:00	23.3	12.2	9.3	9.4	6.6	8.8	5.1	5.8	-0.009	0.001	0.000	0.003
16:30:00	9.7	11.8	8.8	9.9	5.2	8.4	5.0	5.2	-0.002	0.002	0.000	0.003
16:45:00	9.9	11.9	9.5	10.4	5.1	8.3	5.2	5.5	0.000	0.003	0.000	0.003
17:00:00	10.3	12.3	9.9	9.7	5.4	8.5	5.2	5.6	0.002	0.002	0.000	0.006
17:15:00	67.8	12.8	12.2	9.2	12.1	8.7	5.0	7.0	0.004	0.000	0.000	0.004
17:30:00	10.9	12.8	9.5	10.2	5.7	8.8	5.3	5.6	0.005	0.000	0.000	0.003
17:45:00	17.1	13.1	36.0	10.8	8.6	8.9	5.9	29.4	0.004	0.000	0.000	0.002
18:00:00	33.7	14.3	11.5	11.7	12.0	9.6	6.3	7.2	0.002	0.000	0.000	0.002
18:15:00	13.3	15.1	12.2	12.7	7.2	9.9	7.1	7.5	-0.001	0.001	0.000	0.000
18:30:00	13.4	15.7	11.8	15.5	6.8	10.3	8.1	7.0	-0.001	0.000	0.000	0.000
18:45:00	13.2	15.3	11.8	12.6	6.7	10.2	6.9	6.7	-0.002	0.000	0.000	0.000
19:00:00	13.2	15.4	11.8	12.4	6.8	10.5	6.6	6.8	-0.004	0.000	0.000	0.000
19:15:00	12.8	15.5	11.6	11.5	6.8	10.7	6.4	6.9	-0.007	0.000	0.000	0.000
19:30:00	12.1	13.8	11.2	10.8	6.5	9.6	6.2	6.8	-0.010	0.000	0.000	0.000
19:45:00	11.1	11.5	11.0	10.6	6.2	8.2	6.0	6.6	-0.014	0.000	0.000	0.000
20:00:00	11.1	11.2	10.5	10.5	6.1	8.1	5.8	6.5	-0.018	0.000	0.000	0.000
20:15:00	10.7	11.6	9.9	9.6	6.0	8.2	5.5	6.1	-0.023	0.000	0.000	0.000
20:30:00	17.7	12.0	9.2	8.7	6.2	8.4	5.2	5.8	-0.026	0.000	0.000	0.000
20:45:00	40.0	11.8	9.1	9.3	8.8	8.3	5.4	5.7	-0.028	0.000	0.000	0.000
21:00:00	13.9	11.9	9.2	8.6	6.0	8.4	5.2	5.7	-0.027	0.000	0.000	0.000
21:15:00	10.0	12.1	9.6	8.5	5.7	8.5	5.2	5.9	-0.030	0.000	0.000	0.000
21:30:00	19.6	12.0	9.7	10.3	7.0	8.6	5.5	6.0	-0.031	0.000	0.000	0.000
21:45:00	9.9	12.4	10.0	9.4	5.9	8.9	5.5	6.2	-0.030	0.000	0.000	0.000
22:00:00	10.4	12.5	9.9	9.9	6.0	9.0	5.6	6.2	-0.032	0.000	0.000	0.000
22:15:00	10.2	12.5	10.9	9.8	5.9	9.1	5.8	6.7	-0.033	0.000	0.000	0.000
22:30:00	10.6	12.3	11.5	9.8	6.1	9.0	6.0	7.3	-0.035	0.000	0.000	0.000
22:45:00	11.0	12.3	10.7	9.9	6.6	8.9	6.1	7.1	-0.029	0.000	0.000	0.000
23:00:00	13.0	12.3	10.2	9.2	8.5	9.0	5.7	6.6	-0.030	0.000	0.000	0.000
23:15:00	12.0	12.5	10.2	8.8	7.5	9.0	5.6	6.7	-0.029	0.000	0.000	0.000
23:30:00	11.5	12.3	10.1	9.5	7.1	9.0	5.8	6.4	-0.028	0.000	0.000	0.000
23:45:00	10.5	11.9	10.2	9.8	6.2	8.9	5.9	6.6	-0.025	0.000	0.002	0.000



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-12-04

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