



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-10-06

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.1000 Max : 11.16	2943 ESE	2693 NNE	2996 ESE	2997 NNE	Min : 71.42 Max : 84.56	Min : 68.30 Max : 96.10	Min : 29.88 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)
2693	21.4	30.6	10.2	12.4	0.000	0.001
2943	35.1	57.1	10.5	13.7	0.006	0.047
2996	27.5	43.6	10.6	13.7	0.005	0.033
2997	43.5	98.6	9.6	13.7	0.004	0.021



Figure 1 : Monitoring Locations

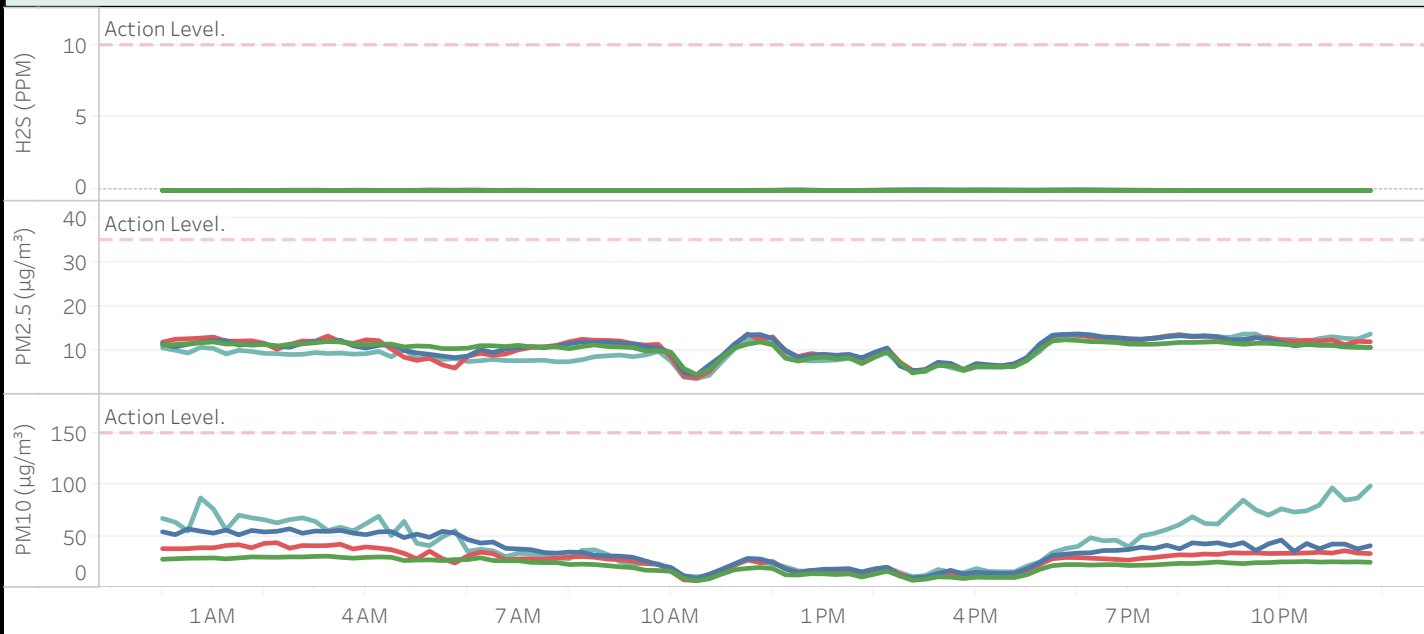


Figure 2 : 15 Minutes Average Concentrations

2693 2943 2996 2997



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-10-06

Wind Rose Chart 2943

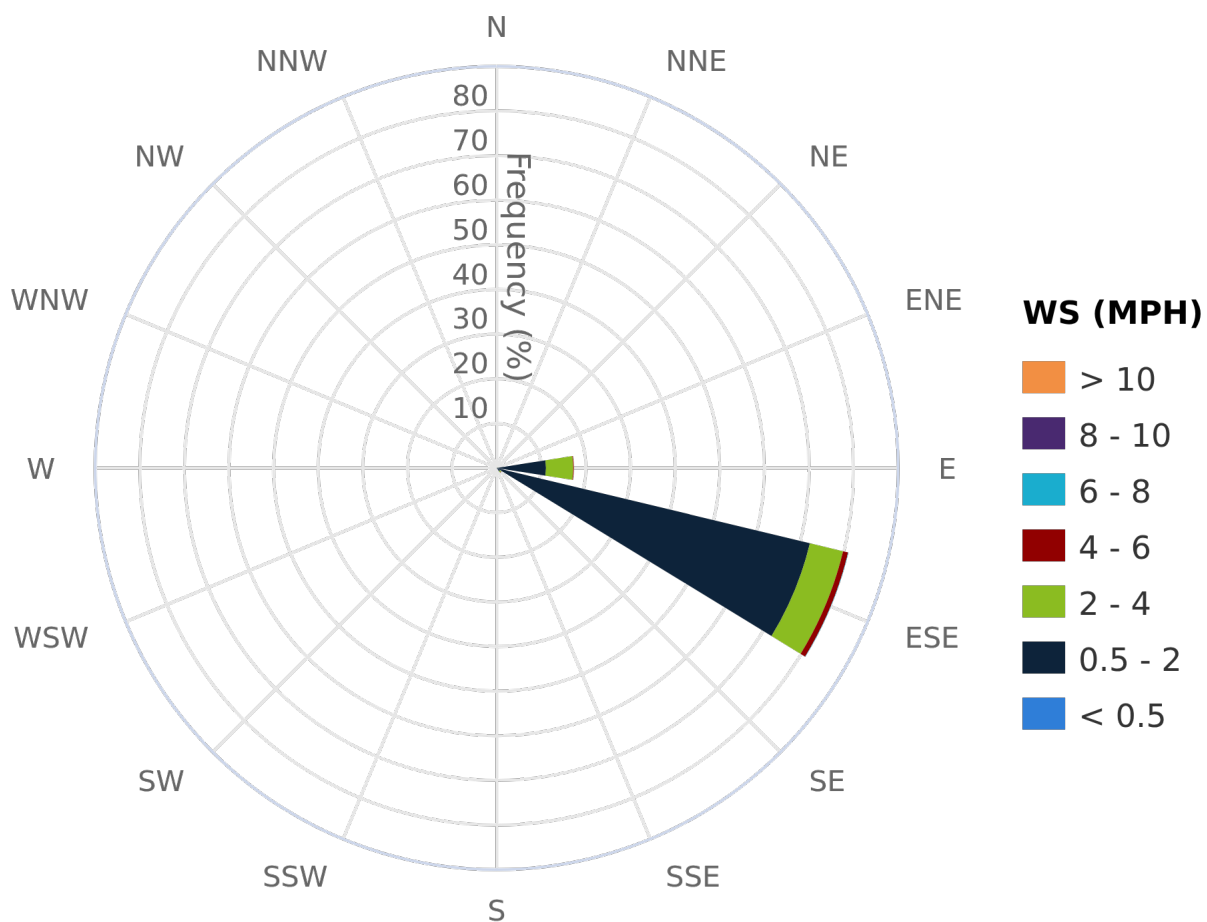


Figure 3 : Wind Rose Chart (WS in MPH)



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-10-06

Wind Rose Chart 2693

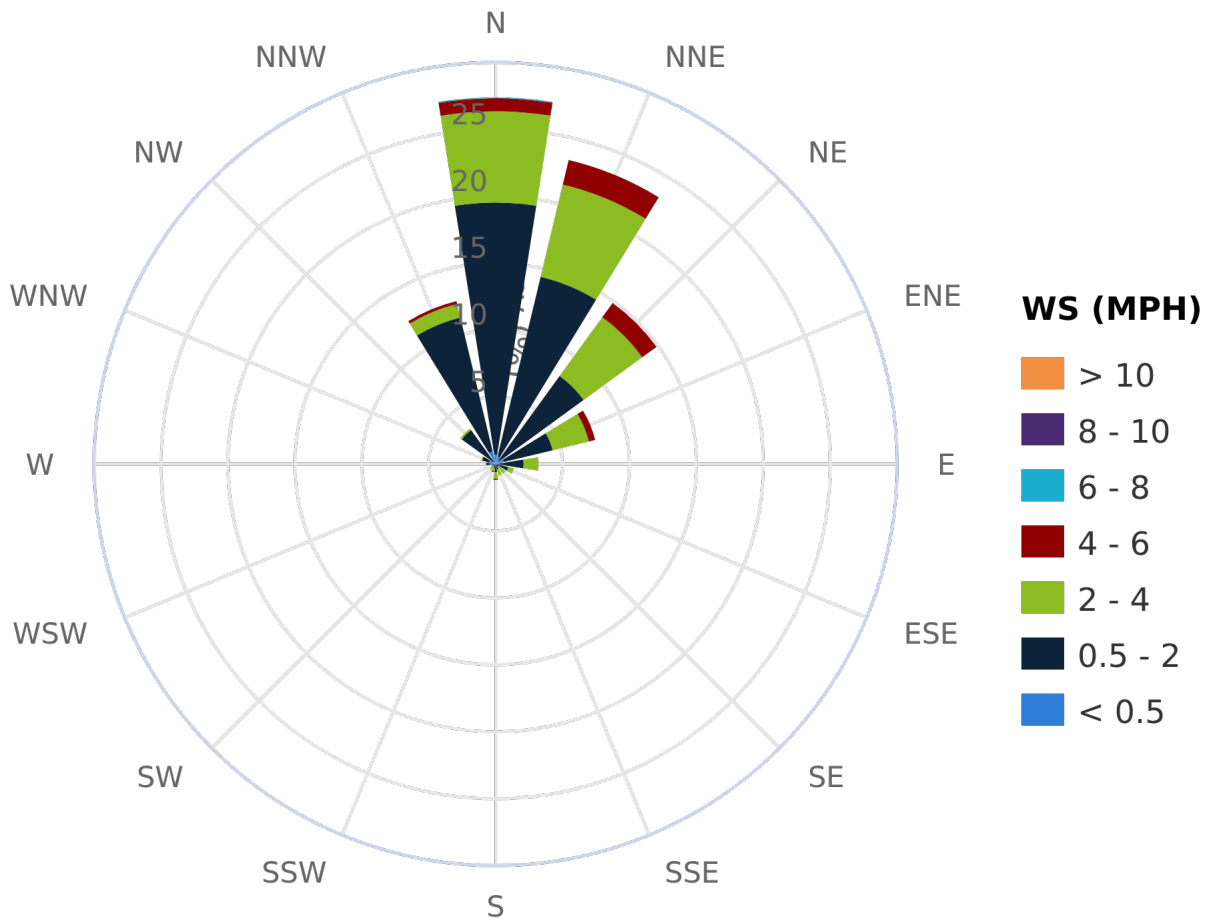


Figure 3 : Wind Rose Chart (WS in MPH)



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-10-06

Wind Rose Chart 2996

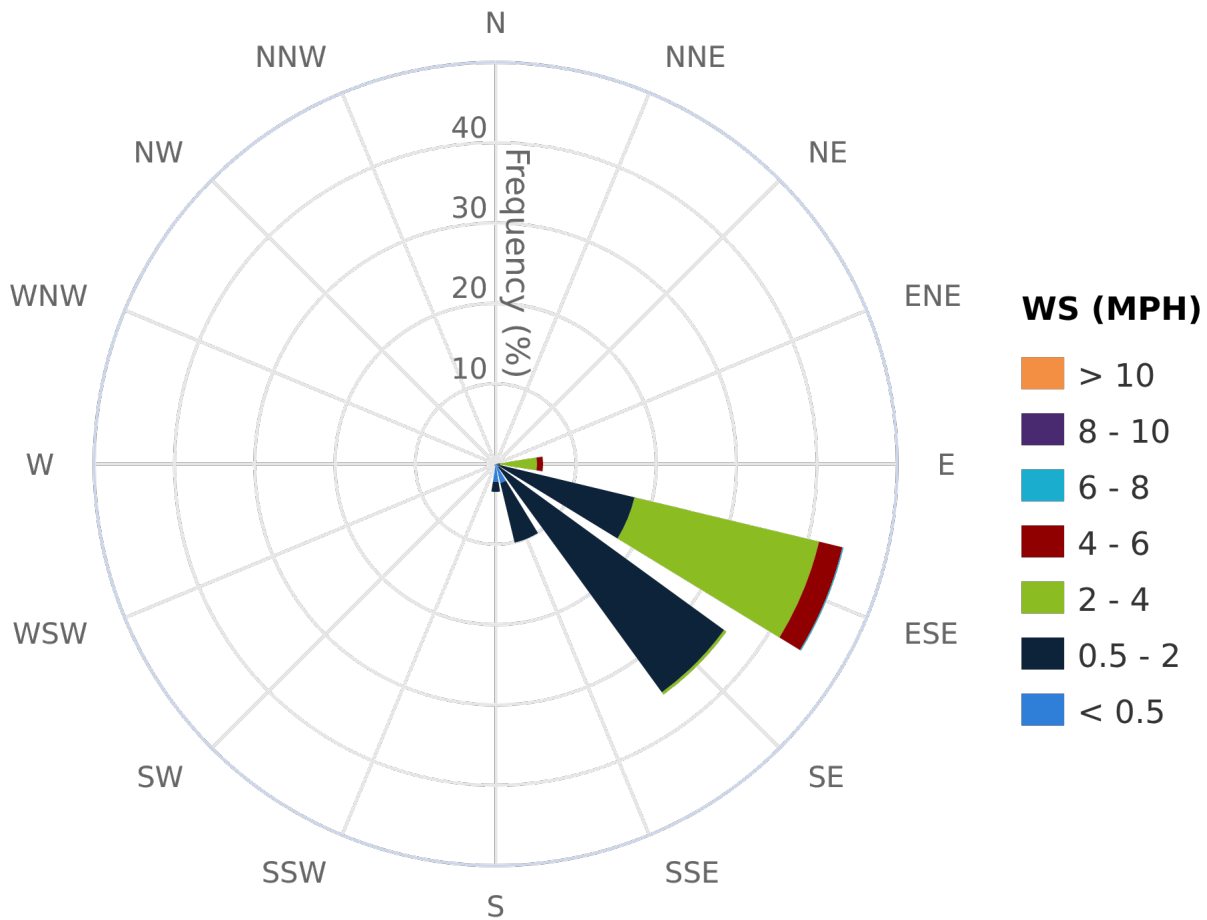


Figure 3 : Wind Rose Chart (WS in MPH)



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-10-06

Wind Rose Chart 2997

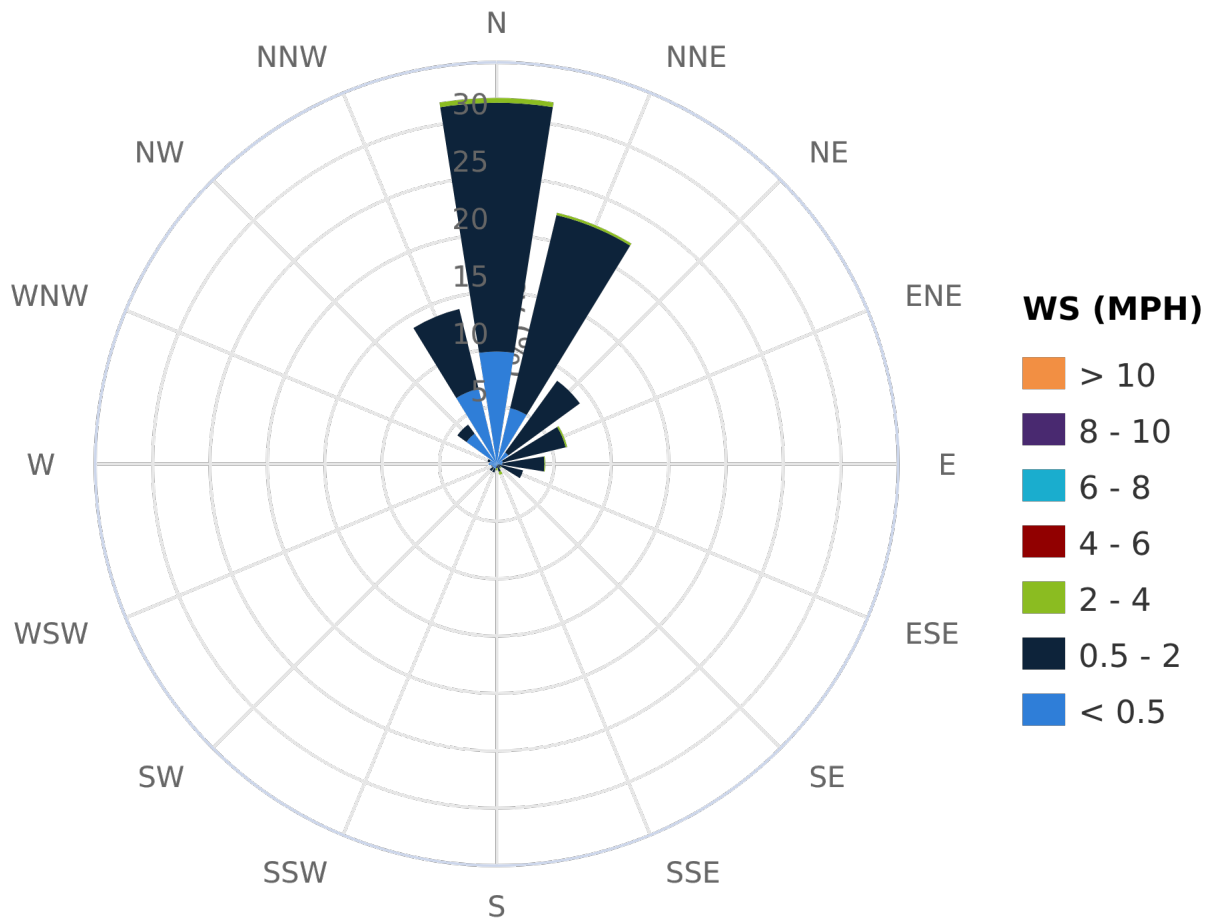


Figure 3 : Wind Rose Chart (WS in MPH)



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-10-06

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	54.2	27.6	67.1	37.9	11.5	11.2	11.9	10.5	-0.004	0.001	0.002	0.000
00:15:00	51.4	28.1	63.5	37.8	10.8	11.3	12.5	10.0	-0.004	0.000	0.001	0.001
00:30:00	57.0	28.6	54.9	37.9	11.4	11.5	12.6	9.4	-0.003	0.000	0.000	0.001
00:45:00	54.8	28.7	87.0	38.8	11.8	11.7	12.8	10.7	-0.004	0.000	0.002	0.000
01:00:00	52.9	28.9	76.3	38.7	12.2	11.9	13.0	10.4	-0.005	0.001	0.004	0.000
01:15:00	55.9	28.0	56.1	40.9	12.2	11.4	12.1	9.2	-0.003	0.000	0.004	0.000
01:30:00	51.3	28.9	70.3	41.7	11.2	11.5	12.1	10.0	-0.001	0.001	0.006	0.000
01:45:00	55.5	29.8	67.7	38.7	11.4	11.2	12.2	9.8	-0.001	0.000	0.004	0.000
02:00:00	54.1	29.7	65.9	43.0	11.4	11.3	11.6	9.3	-0.001	0.000	0.001	0.000
02:15:00	54.7	29.5	62.9	43.6	11.0	11.0	10.2	9.3	-0.002	0.000	0.004	0.001
02:30:00	57.1	29.9	66.0	38.3	10.7	11.4	11.3	9.1	-0.001	0.000	0.015	0.001
02:45:00	52.8	29.8	67.7	40.9	11.6	11.5	12.1	9.1	0.000	0.000	0.012	0.001
03:00:00	54.9	30.4	64.4	40.7	12.1	11.7	12.1	9.5	-0.001	0.000	0.019	0.001
03:15:00	54.6	30.6	55.4	40.9	12.0	12.0	13.2	9.3	-0.001	0.000	0.002	0.000
03:30:00	55.5	29.5	58.7	42.1	12.3	11.9	12.0	9.4	-0.001	-0.001	0.003	0.000
03:45:00	52.9	28.7	55.1	37.6	11.0	11.4	11.6	9.2	0.000	0.000	0.014	0.003
04:00:00	51.4	29.4	62.1	39.5	10.5	11.3	12.4	9.2	-0.001	0.000	0.012	0.001
04:15:00	54.1	29.8	69.3	38.4	11.1	11.4	12.2	9.8	-0.001	0.000	0.005	0.000
04:30:00	54.4	29.5	50.5	36.9	11.4	11.4	10.3	8.6	-0.001	0.000	0.007	0.000
04:45:00	48.5	26.4	64.3	33.3	10.0	10.8	8.5	10.1	0.000	0.000	0.008	0.000
05:00:00	52.0	26.8	43.1	28.0	9.4	11.0	7.7	8.2	0.002	0.000	0.008	0.000
05:15:00	48.8	27.0	40.7	35.4	9.1	10.9	8.2	8.2	0.000	0.000	0.033	0.002
05:30:00	54.6	26.3	49.0	28.2	8.7	10.4	6.7	8.0	0.000	0.000	0.022	0.002
05:45:00	53.1	27.3	55.3	24.0	8.4	10.4	6.0	8.1	0.002	0.000	0.015	0.002
06:00:00	46.7	27.3	35.3	30.9	8.7	10.5	8.7	7.5	0.002	0.001	0.032	0.003
06:15:00	43.3	29.0	37.2	34.4	10.2	11.1	9.3	7.7	0.002	0.001	0.022	0.001
06:30:00	44.3	26.4	35.7	33.0	9.5	11.0	8.9	8.0	-0.002	0.000	0.008	0.001
06:45:00	38.2	26.1	30.1	27.2	10.3	10.9	9.2	7.7	-0.004	-0.001	0.007	0.001
07:00:00	37.5	26.1	33.5	28.0	10.6	11.1	10.1	7.7	0.000	0.000	0.017	0.000
07:15:00	36.9	24.6	32.7	28.1	10.9	10.8	10.7	7.7	-0.002	0.000	0.008	0.000
07:30:00	34.1	24.4	32.0	27.6	10.6	10.8	10.8	7.8	-0.006	0.000	0.003	0.000
07:45:00	33.5	24.4	28.8	28.7	11.0	10.8	11.1	7.4	-0.006	0.001	0.002	0.000
08:00:00	34.6	22.5	28.2	29.8	11.5	10.4	11.9	7.4	-0.005	0.000	0.001	0.000
08:15:00	34.2	22.9	36.2	30.2	11.9	10.9	12.5	7.9	-0.007	0.000	0.000	0.000
08:30:00	31.4	22.5	36.7	29.5	11.8	11.2	12.3	8.6	-0.009	0.000	0.000	0.000
08:45:00	30.9	21.4	32.4	27.7	11.9	10.9	12.3	8.8	-0.008	0.001	0.000	0.000
09:00:00	30.6	20.3	25.0	27.3	11.6	10.8	12.1	8.9	-0.010	0.000	0.000	0.000
09:15:00	29.5	19.5	23.1	25.7	11.5	10.6	11.5	8.6	-0.013	0.000	0.000	0.000
09:30:00	25.9	17.0	23.7	23.3	10.9	9.9	11.2	9.0	-0.013	0.000	0.000	0.000
09:45:00	22.4	16.7	23.1	22.7	10.6	9.9	11.4	9.8	-0.013	0.001	0.000	0.000
10:00:00	19.6	15.9	17.4	15.9	9.5	9.6	8.5	7.6	-0.008	-0.001	0.000	0.000
10:15:00	11.6	9.0	11.4	7.6	5.0	5.9	4.2	3.9	-0.007	0.000	0.000	0.000
10:30:00	9.3	6.7	10.7	7.0	4.5	4.5	3.8	3.6	-0.008	0.000	0.000	0.000
10:45:00	13.1	8.7	11.0	9.4	6.7	5.6	5.1	4.4	-0.005	-0.001	0.000	0.000
11:00:00	18.0	13.3	16.6	16.4	8.8	8.3	8.5	7.4	-0.004	0.000	0.000	0.000
11:15:00	23.3	17.5	22.1	21.8	11.5	10.5	11.2	10.3	0.001	0.000	0.000	0.000
11:30:00	28.4	18.8	26.3	27.5	13.5	11.4	13.7	12.4	0.007	0.000	0.000	0.000
11:45:00	27.9	19.7	25.0	24.3	13.6	11.9	12.4	12.3	0.009	0.000	0.000	0.000



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-10-06

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	24.5	18.7	23.1	25.4	12.7	11.3	13.0	11.6	0.014	0.000	0.001	0.000
12:15:00	18.3	12.6	20.2	18.1	10.1	8.2	9.8	9.4	0.030	0.000	0.004	0.007
12:30:00	14.8	12.3	16.4	15.2	8.4	7.6	8.6	7.9	0.032	0.000	0.007	0.021
12:45:00	16.6	13.6	15.7	16.9	8.8	8.3	9.3	7.6	0.019	0.000	0.005	0.012
13:00:00	17.9	13.5	16.3	16.0	9.1	8.5	9.0	7.7	0.004	0.000	0.001	0.001
13:15:00	18.1	12.8	17.0	16.5	8.9	8.1	8.9	7.8	-0.006	0.000	0.000	0.000
13:30:00	18.5	13.5	17.8	17.1	9.1	8.3	9.0	8.2	-0.005	0.000	0.002	0.000
13:45:00	15.2	10.4	15.3	14.3	8.3	7.0	8.1	7.4	0.001	0.001	0.005	0.000
14:00:00	18.0	13.2	18.5	17.7	9.6	8.4	9.4	8.7	0.016	0.000	0.007	0.000
14:15:00	20.0	16.1	19.6	19.5	10.6	9.7	10.4	9.5	0.032	0.000	0.007	0.004
14:30:00	11.5	11.4	14.7	13.2	6.5	7.3	7.4	6.7	0.040	0.000	0.006	0.007
14:45:00	9.6	7.2	10.8	9.0	5.4	4.9	5.5	5.1	0.045	0.000	0.008	0.014
15:00:00	10.5	8.3	11.8	9.5	5.7	5.5	5.5	5.2	0.047	0.000	0.008	0.015
15:15:00	13.8	10.6	17.7	13.5	7.3	6.6	7.2	6.9	0.045	0.000	0.007	0.009
15:30:00	16.9	10.3	15.1	12.5	7.1	6.5	6.7	6.1	0.035	0.000	0.005	0.009
15:45:00	13.4	8.9	14.4	10.0	5.7	5.6	5.5	5.4	0.029	0.000	0.004	0.012
16:00:00	15.0	10.3	18.5	11.6	7.0	6.5	6.4	6.2	0.039	0.000	0.007	0.015
16:15:00	14.4	10.0	15.8	11.8	6.7	6.3	6.5	6.2	0.038	0.000	0.005	0.017
16:30:00	13.9	10.0	15.5	11.6	6.5	6.3	6.5	6.2	0.033	0.000	0.003	0.016
16:45:00	14.2	9.9	15.5	12.7	6.9	6.3	7.0	6.5	0.026	0.000	0.001	0.014
17:00:00	18.5	12.6	21.0	15.5	8.4	7.7	8.3	7.8	0.022	0.000	0.001	0.014
17:15:00	24.5	17.8	25.0	22.6	11.5	10.2	11.0	9.8	0.023	0.000	0.003	0.013
17:30:00	31.2	21.5	34.1	28.1	13.4	12.1	13.3	12.6	0.032	0.000	0.002	0.013
17:45:00	32.5	22.4	37.9	29.4	13.6	12.4	13.6	13.1	0.040	0.000	0.004	0.013
18:00:00	33.6	22.5	40.0	29.2	13.7	12.3	13.5	13.3	0.043	0.000	0.005	0.012
18:15:00	33.9	21.9	48.5	28.6	13.5	12.0	13.0	13.4	0.039	0.000	0.007	0.011
18:30:00	36.0	22.3	45.5	28.1	13.0	11.9	12.8	12.7	0.029	0.000	0.004	0.011
18:45:00	36.2	22.4	46.1	27.5	12.9	11.8	12.7	12.5	0.024	0.000	0.003	0.010
19:00:00	37.1	21.6	39.7	26.7	12.7	11.4	12.0	11.8	0.018	0.000	0.004	0.010
19:15:00	39.3	21.9	50.2	28.4	12.5	11.4	12.4	12.5	0.012	0.000	0.002	0.008
19:30:00	38.1	22.1	52.7	29.4	12.7	11.4	12.8	12.8	0.006	0.000	0.001	0.006
19:45:00	41.2	22.9	56.4	30.7	13.1	11.6	13.2	13.3	0.004	0.000	0.001	0.006
20:00:00	37.7	23.6	61.2	31.9	13.3	11.8	13.5	13.6	0.001	0.001	0.001	0.008
20:15:00	43.5	23.5	68.7	31.6	13.2	11.8	13.0	13.2	0.000	0.000	0.000	0.007
20:30:00	42.4	24.1	62.2	32.7	13.3	11.9	13.2	13.0	-0.003	0.000	0.000	0.004
20:45:00	43.5	24.9	61.7	32.3	13.1	12.0	12.8	13.1	-0.003	0.000	0.000	0.004
21:00:00	40.8	24.0	73.4	33.9	12.4	11.6	12.4	12.9	-0.006	0.000	0.000	0.002
21:15:00	43.7	23.4	84.9	33.5	12.5	11.4	12.0	13.7	-0.005	0.000	0.002	0.002
21:30:00	36.1	24.3	75.3	33.7	12.9	11.6	12.9	13.7	-0.007	0.000	0.002	0.003
21:45:00	42.5	24.4	70.3	33.1	12.4	11.6	12.9	12.4	-0.007	0.000	0.000	0.002
22:00:00	46.2	25.1	76.5	33.3	11.8	11.4	12.3	12.5	-0.008	0.000	0.000	0.002
22:15:00	35.2	25.2	73.3	33.4	11.0	11.2	12.0	12.5	-0.010	0.000	0.001	0.003
22:30:00	42.8	25.5	74.6	33.7	11.3	11.3	12.3	12.0	-0.007	0.000	0.000	0.003
22:45:00	37.8	24.9	80.2	34.4	11.2	11.2	12.1	12.7	-0.008	0.000	0.000	0.002
23:00:00	42.3	25.2	96.8	33.6	11.2	11.2	12.4	13.1	-0.007	0.000	0.000	0.001
23:15:00	42.3	24.9	84.9	35.9	10.9	10.8	11.3	12.7	-0.009	0.001	0.002	0.000
23:30:00	37.6	25.1	86.8	33.6	10.8	10.7	12.0	12.6	-0.008	0.000	0.001	0.001
23:45:00	40.7	24.7	98.6	33.1	10.6	10.7	11.9	13.7	-0.009	0.000	0.000	0.000



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-10-06

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