



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-10-30

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.2460 Max : 30.27	2943 ESE	2693 None	2996 W	2997 None	Min : 46.58 Max : 74.84	Min : 43.00 Max : 84.70	Min : 29.80 Max : 30.06

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	7.8	29.2	1.9	4.5	-0.003	0.047
2996	5.3	8.5	1.9	2.9	0.000	0.000



Figure 1 : Monitoring Locations

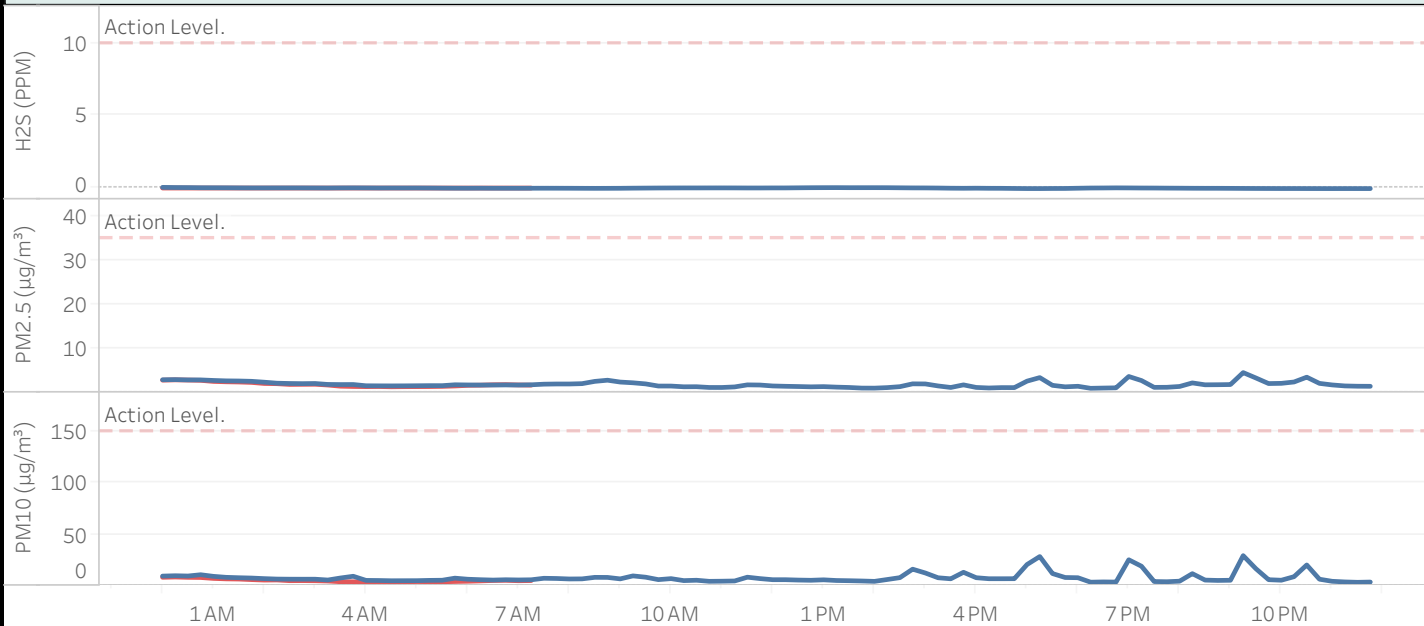


Figure 2 : 15 Minutes Average Concentrations

2943

2996



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-10-30

Wind Rose Chart 2943

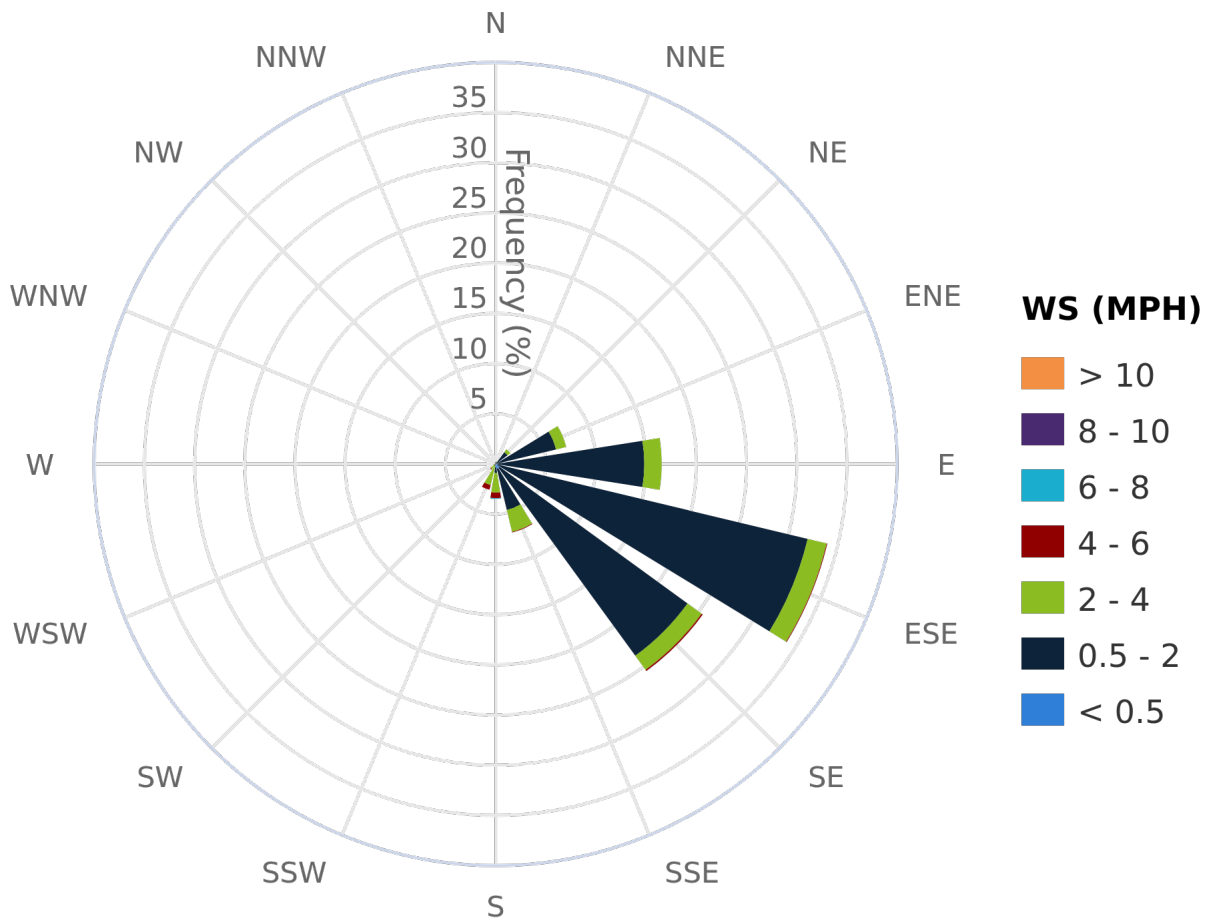


Figure 3 : Wind Rose Chart (WS in MPH)



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-10-27

Wind Rose Chart 2693

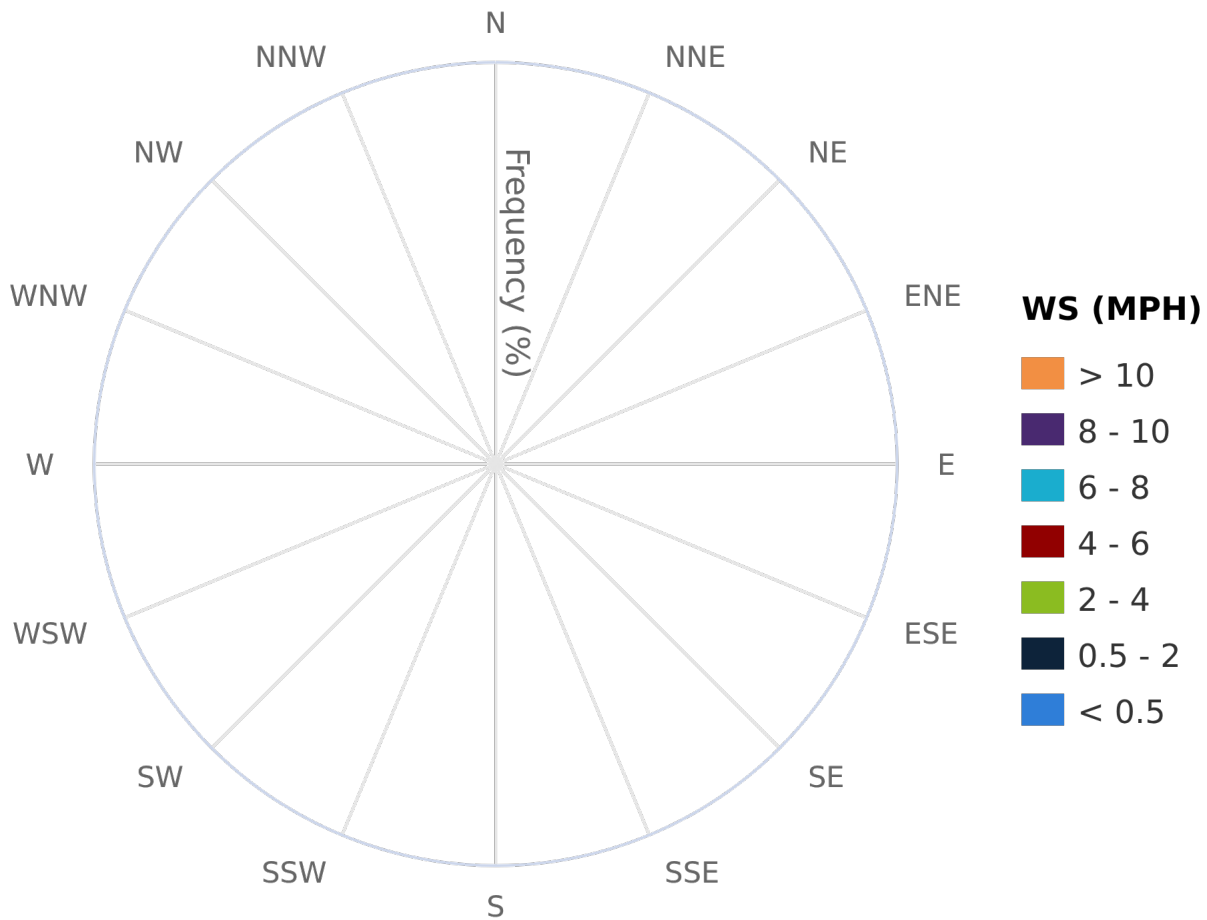


Figure 3 : Wind Rose Chart (WS in MPH)



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-10-29

Wind Rose Chart 2996

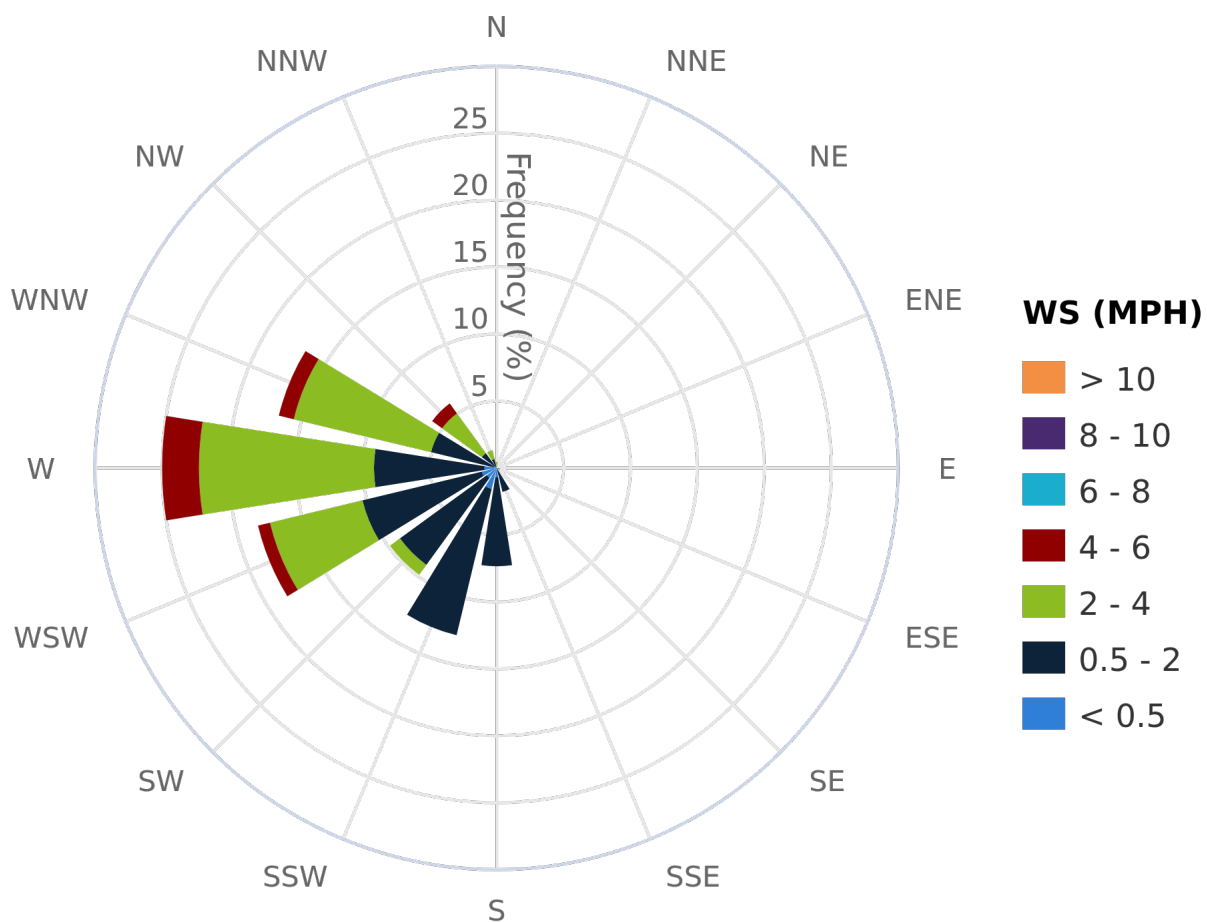


Figure 3 : Wind Rose Chart (WS in MPH)



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-10-28

Wind Rose Chart 2997

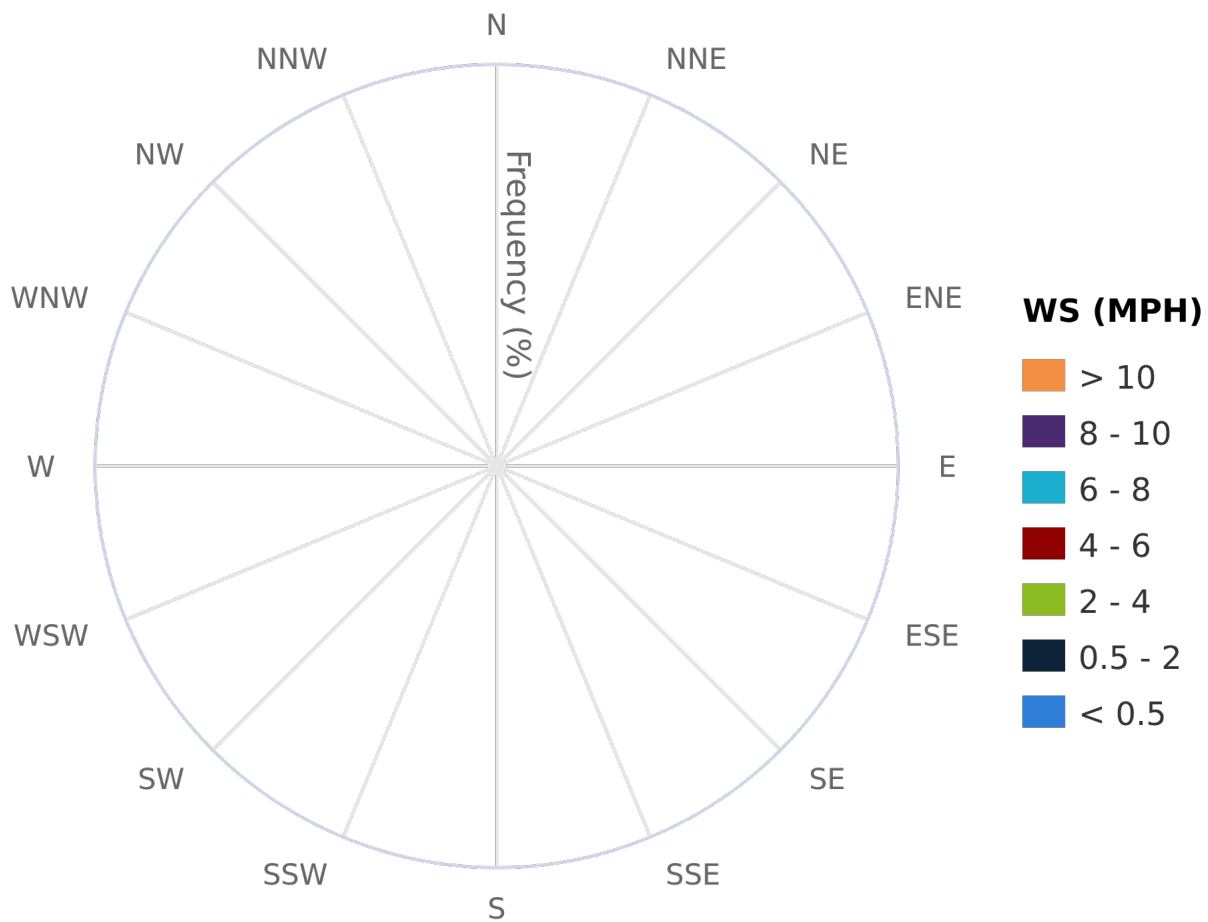


Figure 3 : Wind Rose Chart (WS in MPH)



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-10-30

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	9.4			8.2	2.9		2.8		0.047		0.000	
00:15:00	9.7			8.5	2.9		2.9		0.036		0.000	
00:30:00	9.5			8.1	2.9		2.8		0.032		0.000	
00:45:00	10.7			8.0	2.9		2.8		0.022		0.000	
01:00:00	9.1			7.1	2.8		2.5		0.020		0.000	
01:15:00	8.2			6.7	2.7		2.4		0.018		0.000	
01:30:00	7.8			6.5	2.6		2.4		0.012		0.000	
01:45:00	7.5			6.0	2.6		2.3		0.009		0.000	
02:00:00	6.9			5.5	2.4		2.1		0.009		0.000	
02:15:00	6.5			5.6	2.1		2.0		0.011		0.000	
02:30:00	6.4			4.9	2.1		1.9		0.010		0.000	
02:45:00	6.4			5.0	2.0		1.9		0.010		0.000	
03:00:00	6.4			4.9	2.1		1.9		0.007		0.000	
03:15:00	5.6			4.6	1.9		1.7		0.004		0.000	
03:30:00	7.5			3.9	1.8		1.5		0.010		0.000	
03:45:00	9.2			3.9	1.8		1.4		0.012		0.000	
04:00:00	5.2			3.6	1.6		1.4		0.009		0.000	
04:15:00	5.1			3.6	1.5		1.4		0.004		0.000	
04:30:00	4.9			3.6	1.5		1.3		0.005		0.000	
04:45:00	4.9			3.9	1.5		1.3		0.004		0.000	
05:00:00	4.9			4.1	1.6		1.4		0.005		0.000	
05:15:00	5.2			4.0	1.6		1.4		0.001		0.000	
05:30:00	5.4			3.9	1.6		1.4		-0.005		0.000	
05:45:00	7.4			4.1	1.8		1.5		-0.010		0.000	
06:00:00	6.3			4.4	1.7		1.6		-0.012		0.000	
06:15:00	5.9			4.7	1.7		1.7		-0.010		0.000	
06:30:00	5.5			5.1	1.7		1.8		-0.013		0.000	
06:45:00	5.8			5.3	1.7		1.8		-0.014		0.000	
07:00:00	5.6			4.9	1.7		1.7		-0.015		0.000	
07:15:00	5.8			5.0	1.8		1.7		-0.013		0.000	
07:30:00	7.3				1.9				-0.012			
07:45:00	7.1				2.0				-0.013			
08:00:00	6.6				2.0				-0.014			
08:15:00	6.7				2.0				-0.018			
08:30:00	8.2				2.5				-0.021			
08:45:00	8.1				2.8				-0.019			
09:00:00	6.7				2.4				-0.016			
09:15:00	9.6				2.2				-0.008			
09:30:00	8.3				2.0				-0.002			
09:45:00	6.0				1.5				0.004			
10:00:00	6.9				1.5				0.006			
10:15:00	5.0				1.3				0.009			
10:30:00	5.4				1.3				0.008			
10:45:00	4.3				1.2				0.010			
11:00:00	4.4				1.2				0.010			
11:15:00	4.7				1.3				0.009			
11:30:00	8.3				1.8				0.005			
11:45:00	6.9				1.7				0.005			



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-10-30

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	5.9				1.5				0.009			
12:15:00	5.9				1.4				0.009			
12:30:00	5.5				1.4				0.017			
12:45:00	5.3				1.3				0.023			
13:00:00	5.8				1.4				0.027			
13:15:00	5.1				1.2				0.029			
13:30:00	4.9				1.2				0.024			
13:45:00	4.6				1.0				0.025			
14:00:00	4.3				1.0				0.026			
14:15:00	6.1				1.1				0.025			
14:30:00	7.9				1.4				0.017			
14:45:00	16.1				2.0				0.010			
15:00:00	12.4				2.0				0.008			
15:15:00	7.8				1.5				0.001			
15:30:00	6.7				1.2				-0.011			
15:45:00	13.1				1.8				-0.016			
16:00:00	7.8				1.2				-0.010			
16:15:00	6.8				1.1				-0.017			
16:30:00	6.8				1.1				-0.019			
16:45:00	6.9				1.1				-0.028			
17:00:00	20.6				2.6				-0.036			
17:15:00	28.3				3.4				-0.036			
17:30:00	11.8				1.6				-0.030			
17:45:00	8.0				1.3				-0.028			
18:00:00	7.8				1.4				-0.012			
18:15:00	3.5				1.0				0.002			
18:30:00	3.7				1.0				0.006			
18:45:00	3.6				1.1				0.013			
19:00:00	25.2				3.7				0.009			
19:15:00	18.9				2.7				0.003			
19:30:00	4.1				1.2				0.001			
19:45:00	3.9				1.2				-0.005			
20:00:00	4.4				1.4				-0.009			
20:15:00	11.7				2.2				-0.015			
20:30:00	5.5				1.8				-0.017			
20:45:00	5.2				1.8				-0.018			
21:00:00	5.3				1.8				-0.021			
21:15:00	29.2				4.5				-0.026			
21:30:00	16.5				3.3				-0.029			
21:45:00	5.9				2.1				-0.032			
22:00:00	5.4				2.1				-0.034			
22:15:00	8.8				2.4				-0.033			
22:30:00	20.1				3.5				-0.036			
22:45:00	6.4				2.1				-0.037			
23:00:00	4.3				1.7				-0.038			
23:15:00	3.7				1.5				-0.036			
23:30:00	3.4				1.5				-0.037			
23:45:00	3.6				1.4				-0.038			



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-10-30

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