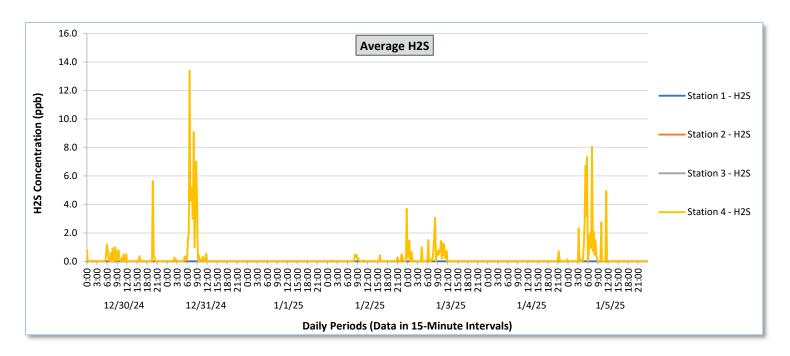
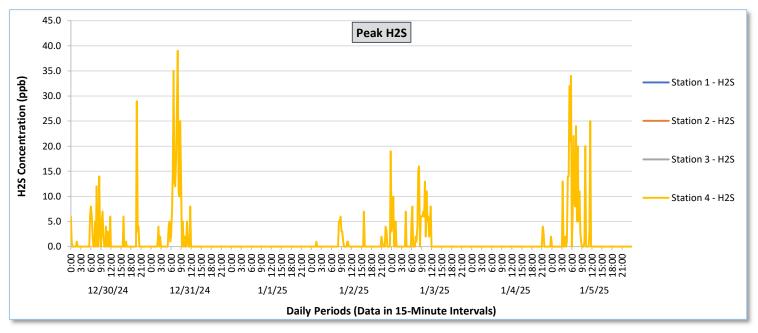


# **Stantec**

## **Perimeter Air Monitoring Weekly Report**







				64	4							u - Janua	•				1 2					64 -	4		
Date	Daily Statistics	Station 1  TVOCs H2S Benzene				Station 2  TVOCs H2S Benzene				Station 3  TVOCs H2S Benzene						Station 4  TVOCs H2S Benzene									
		Average	UCS	Average	25	Average	ene	Average	UCS	Average	25	Average	zene	Average		Average	25	Ben Average	zene	Average	_	Average	25	Ben Average	zene
		ppb  Values from 15-minute intervals.	1-minute max within each 15 minute interval.	ppb  Values from 15-minute intervals.	1-minute max within each 15 minute interval.	ppb  Values from 15-minute intervals.	1-minute max within each 15 minute interval.	ppb  Values from 15-minute intervals.	1-minute max within each 15 minute interval.	ppb  Values from 15-minute intervals.	1-minute max within each 15 minute interval.	ppb  Values from 15-minute intervals.	1-minute max within each 15 minute interval.	values from 15- minute intervals.	Peak ppb  1-minute max within each 15 minute interval.	values from 15- minute intervals.	1-minute max within each 15 minute interval.	values from 15- minute intervals.	1-minute max within each 15 minute interval.	values from 15- minute intervals.	1-minute max within each 15 minute interval.	ppb Values from 15- minute intervals.	1-minute max within each 15 minute interval.	ppb  Values from 15- minute intervals.	Peak ppb  1-minute max within each 15 minute interval.
December 30, 2024	Minimum	0.0	0.0	0.0	0.0	-	-	-	-		-	-	-	-	-	-	-		-	134.3	155.0	0.0	0.0	0.0	0.0
	Maximum	0.0	0.0	0.0	0.0	-	-	-	-	-	-	-	-	-	-	-	-		-	471.4	1,484.0	5.6	29.0	15.0	18.0
	Average	0.0	0.0	0.0	0.0	-	-		-	٠			-	-	-	-	-			239.2	377.0	0.2	1.4	5.4	6.8
December 31, 2024	Minimum	0.0	0.0	0.0	0.0								-	-	-	-	-	-		182.6	209.0	0.0	0.0	0.0	0.0
	Maximum	0.0	0.0	0.0	0.0	-			-		-	-	-	-	-	-	-	-		628.2	1,617.0	13.4	39.0	12.8	18.0
	Average	0.0	0.0	0.0	0.0	-									-		-			318.5	442.4	0.6	2.7	2.9	5.3
	Minimum	0.0	0.0	0.0	0.0										_		-			187.9	215.0	0.0	0.0	0.0	0.0
January 1, 2025	Maximum	0.0	0.0	0.0	0.0								-	-	-	-	-			368.5	590.0	0.0	0.0	1.0	2.0
Januai	Average	0.0	0.0	0.0	0.0															293.6	352.3	0.0	0.0	0.2	0.3
	l													<u> </u>											
, 2025	Minimum	0.0	0.0	0.0	0.0	-	-	-	-	-	-	-	-	•	-	•	-	•	-	161.7	242.0	0.0	0.0	0.0	0.0
January 2, 2025	Maximum	0.0	0.0	0.0	0.0	-	•	-	-	-	-	-	-	•	-	-	-	-	-	480.9	1,132.0	3.7	19.0	0.0	0.0
	Average	0.0	0.0	0.0	0.0	-	•	-	-	-	-	-	-	-	•	-	-	•	•	288.1	438.7	0.1	0.6	0.0	0.0
2025	Minimum	0.0	0.0	0.0	0.0	-	-					-	-	-	-	-	-	•		102.1	139.0	0.0	0.0	0.0	0.0
January 3, 2025	Maximum	0.0	0.0	0.0	0.0	-	-		-	-	-	-	-	-	-	-	-	-	-	472.3	1,185.0	3.1	16.0	0.0	0.0
Jar	Average	0.0	0.0	0.0	0.0	-		•	-	-	-	-	-	-	-	-	-	-	-	200.9	339.1	0.2	1.7	0.0	0.0
January 4, 2025	Minimum	0.0	0.0	0.0	0.0	-		-	-	-	-	-	-	-	-	-	-	-	-	11.2	107.0	0.0	0.0	0.0	0.0
	Maximum	0.0	0.0	0.0	0.0	-	-		-	-			-	-	-	-	-	-	-	376.0	673.0	0.7	4.0	0.0	0.0
	Average	0.0	0.0	0.0	0.0	-			-		-	-	-	-	-	-	-		-	149.9	294.0	0.0	0.1	0.0	0.0
January 5, 2025	Minimum	0.0	0.0	0.0	0.0	-			-		-	-					-	-	-	4.3	25.0	0.0	0.0	0.0	0.0
	Maximum	0.0	0.0	0.0	0.0	-			-					-	-	-	-	-	-	524.6	1,525.0	8.1	34.0	2.0	12.0
	Average	0.0	0.0	0.0	0.0	-			-						-	-	-			153.8	331.1	0.5	3.1	0.1	0.3
Notes:																		_							

- Notes:
   Data records with a dash indicate no data is available for that interval.
- Calibration readings and data produced during periods of sensor downtime and/or maintenance are excluded from the report.
- Station 2 shut down 7/30/2024 and is undergoing maintenance.
- The CTair monitoring systems at each station are programmed to initiate benzene sampling when a TVOC reading of ≥ 160 ppb is measured. It has been observed that there are occurrences of TVOC readings ≥ 160 ppb where the benzene sampling was not initiated. The affected stations and periods are detailed in the monitoring systems daily reports. The equipment supplier has been notified of this issue and a corrective action will be implemented when provided.
- As discussed with the manufacturer of the H2S sensor, there is high likelihood that the H2S sensor has cross sensitivity with other sulfur compounds, including, but are not limited to, carbonyl sulfide, dimethyl sulfide, dimethyl disulfide, and methyl mercaptan. The potential for cross sensitivity with other reduced sulfur compounds must be considered when interpreting H2S levels recorded by the sensors.
- Station 3 went offline 12/20/2024 and remained offline though the end of this report period.



Real-Time Multigas Monitoring Bristol Landfill Air Investigation

December 30 - January 5, 2025

		Bristol Met Station										
Date	Daily Statistics	Wind Direction  degrees	Wind Speed	Temperature °F	Relative Humidity	Barometric Pressure <sub>mbar</sub>						
2024	Minimum		-	-	-	942.5						
December 30, 2024	Maximum		-	-	-	946.4						
Decen	Average	-	-	-	-	944.8						
2024	Minimum		-	-	-	933.7						
December 31, 2024	Maximum		-	-	-	944.2						
Decem	Average	-	-	-	-	938.9						
125	Minimum		-	-	-	944.2						
January 1, 2025	Maximum		-	-	-	956.8						
Janu	Average	-	-	-	-	950.8						
325	Minimum		-	-	-	956.1						
January 2, 2025	Maximum		-	-	-	960.1						
Janu	Average	-	-	-	-	957.3						
125	Minimum		-	-	-	949.9						
January 3, 2025	Maximum		-	-	-	956.5						
Janus	Average	-	-	-	-	953.1						
2025	Minimum		-	-	-	954.1						
4	Maximum		-	-	-	958.3						
January	Average	-	-	-	-	956.2						
125	Minimum		-	-	-	942.8						
January 5, 2025	Maximum		-	-	-	956.9						
Janua	Average	-	-	-	-	952.1						

#### Notes:

- Dash/Blank data records indicate no data is available for that interval.
- Wind direction is a daily (24-hr) average value; with the origin of wind in degrees; clockwise from North calculated with vector averaging.
- The Met Station went offline 12/20/2024 and remained offline though the end of this report period.