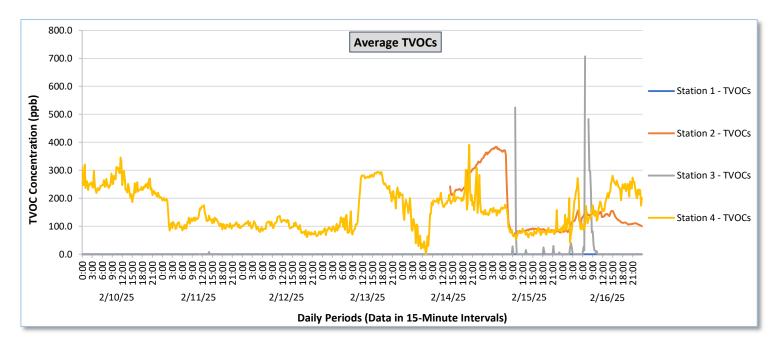
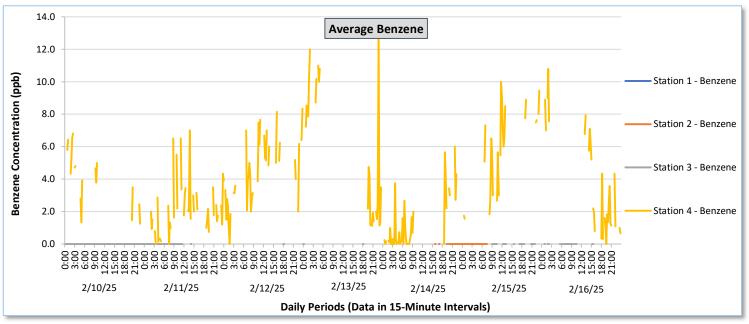


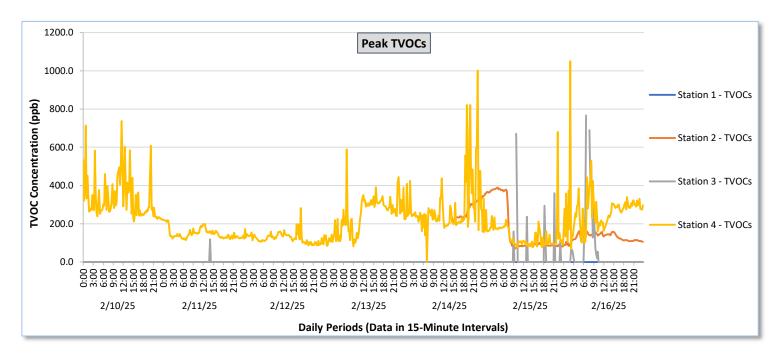
Real-Time Multigas Monitoring Bristol Landfill Air Investigation February 10 - February 16, 2025

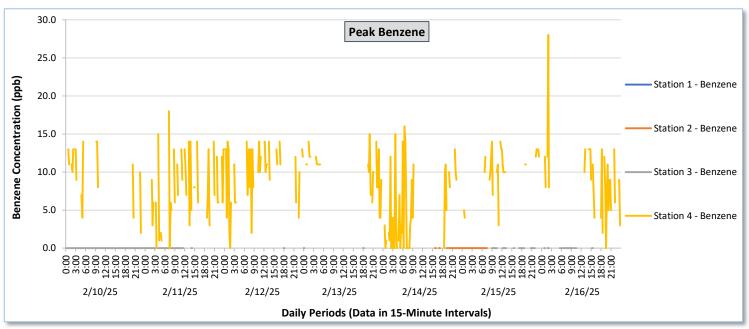






Real-Time Multigas Monitoring Bristol Landfill Air Investigation February 10 - February 16, 2025

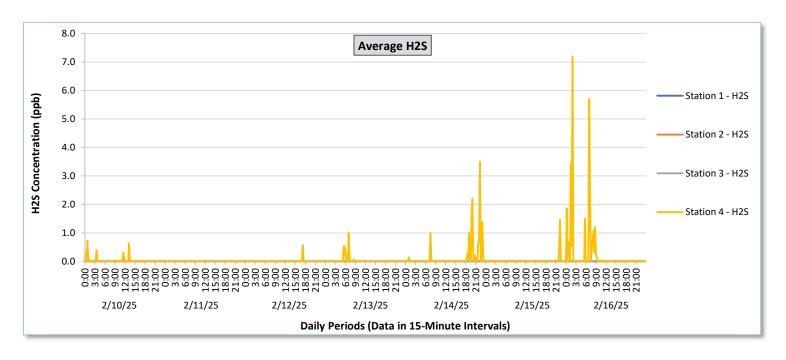


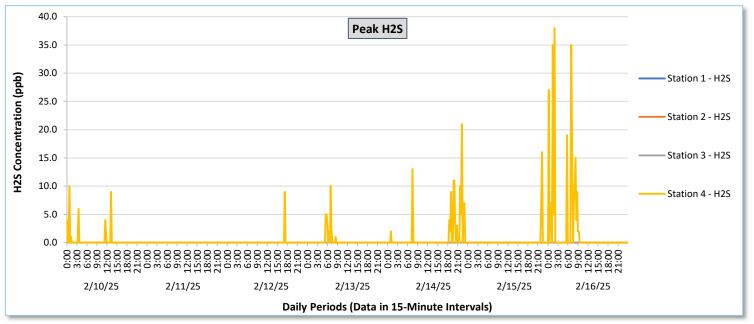


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Perimeter Air Monitoring Weekly Report

Real-Time Multigas Monitoring Bristol Landfill Air Investigation February 10 - February 16, 2025







Real-Time Multigas Monitoring Bristol Landfill Air Investigation February 10 - February 16, 2025

			February 10 - February 16, 2025																						
Date		Station 1					Station 2					Station 3						Station 4							
		TVOCs		H2S		Benzene					12S Benzene		zene	TVOCs H2S		25	Benzene		TVOCs		H2S		Benzene		
		Average ppb Values from 15-minute intervals.	1-minute max within each 15 minute interval.	Average ppb 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.	Average ppb Values from 15- minute intervals.	1-minute max within each 15 minute interval.																
February 10, 2025	Minimum	0.0	0.0	0.0	0.0	-								0.0	0.0	0.0	0.0	-		186.8	212.0	0.0	0.0	1.3	2.0
	Maximum	0.0	0.0	0.0	0.0	-	-	,	-	,	-		·	0.0	0.0	0.0	0.0	-	-	345.9	737.0	0.7	10.0	8.8	16.0
	Average	0.0	0.0	0.0	0.0	-	-		-	-	-	-	-	0.0	0.0	0.0	0.0	-		246.5	333.3	0.0	0.4	4.5	10.6
February 11, 2025	Minimum	0.0	0.0	0.0	0.0		-	-		-	-	-		0.0	0.0	0.0	0.0	-	-	84.7	115.0	0.0	0.0	1.0	5.0
	Maximum	0.0	0.0	0.0	0.0	-	-	,	-	-		-	-	7.9	119.0	0.0	0.0			200.7	220.0	0.0	0.0	6.5	14.0
	Average	0.0	0.0	0.0	0.0	-			-	-	-	-	-	0.1	1.2	0.0	0.0	-		120.4	149.0	0.0	0.0	2.8	9.1
February 12, 2025	Minimum	0.0	0.0	0.0	0.0									0.0	0.0	0.0	0.0			61.1	87.0	0.0	0.0	3.3	11.0
	Maximum	0.0	0.0	0.0	0.0									0.0	0.0	0.0	0.0			137.3	282.0	0.6	9.0	8.1	14.0
	Average	0.0	0.0	0.0	0.0	-		-		-	-			0.0	0.0	0.0	0.0			97.7	126.1	0.0	0.1	6.1	12.7
	Minimum	0.0	0.0	0.0	0.0									0.0	0.0	0.0	0.0			68.5	82.0	0.0	0.0	1.1	4.0
February 13, 2025						-		-		-	-	-													
	Maximum	0.0	0.0	0.0	0.0	-	-	-	-	-		-	-	0.0	0.0	0.0	0.0	-		294.3	589.0	1.0	10.0	13.0	15.0
	Average	0.0	0.0	0.0	0.0	•	•	•	-	•		_	•	0.0	0.0	0.0	0.0		•	181.9	237.7	0.0	0.3	3.0	9.2
February 14, 2025	Minimum	0.0	0.0	0.0	0.0	-	-	211.6	213.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	•		0.0	0.0	0.0	0.0	0.0	0.0
	Maximum	0.0	0.0	0.0	0.0	-		339.6	344.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	390.7	1,001.0	3.5	21.0	6.0	16.0
Ā	Average	0.0	0.0	0.0	0.0		•	266.9	273.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	164.2	285.1	0.1	1.1	1.2	5.0
February 15, 2025	Minimum	0.0	0.0	0.0	0.0	-		64.8	70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	53.3	76.0	0.0	0.0	1.6	3.0
	Maximum	0.0	0.0	0.0	0.0	-		384.3	389.0	0.0	0.0	0.0	0.0	524.2	670.0	0.0	0.0	0.0	0.0	177.7	680.0	1.5	16.0	10.0	14.0
	Average	0.0	0.0	0.0	0.0			173.3	177.2	0.0	0.0	0.0	0.0	7.4	24.4	0.0	0.0	0.0	0.0	104.1	140.3	0.0	0.2	6.2	10.5
February 16, 2025	Minimum	0.0	0.0	0.0	0.0	-		79.4	84.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	41.3	68.0	0.0	0.0	0.0	0.0
	Maximum	0.0	0.0	0.0	0.0	-		157.5	162.0	0.0	0.0	0.0	0.0	707.3	766.0	0.0	0.0	0.0	0.0	280.6	1,050.0	7.2	38.0	10.8	28.0
	Average	0.0	0.0	0.0	0.0	-	-	124.1	128.0	0.0	0.0	-	-	25.5	44.0	0.0	0.0	0.0	0.0	183.7	266.8	0.3	2.5	3.7	9.4
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 returned online 2/14/2025.
- 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 recorded a TVOC event with a measured TVOC value of approximately 71,000 parts per billion (ppb) beginning on 2/15/2025 through 2/16/2025. This value affected the scaling of the TVOC graphs which resulted in no resolution for the TVOC data recorded at the Stations 1, 3, and 4 for the balance of this reporting period. As a result, the Station 3 TVOC event data has been excluded from this report to display meaningful data for Stations 1, 3, and 4. The complete Station 3 TVOC data for the period ending 2/16/2025 is presented separately.



Real-Time Multigas Monitoring Bristol Landfill Air Investigation

February 10 - February 16, 2025

		Bristol Met Station											
Date	Daily Statistics	Wind Direction degrees	Wind Speed	Temperature °F	Relative Humidity	Barometric Pressure mbar							
2025	Minimum		0.0	33.8	36.6	955.9							
February 10, 2025	Maximum		12.0	45.9	86.4	961.7							
Febru	Average	222.3	3.7	38.3	64.0	959.1							
2025	Minimum		1.0	32.5	47.8	945.6							
February 11, 2025	Maximum		15.0	37.9	94.3	957.9							
Febru	Average	67.2	6.2	34.4	88.3	951.9							
2025	Minimum		1.0	35.3	90.0	944.4							
February 12, 2025	Maximum		15.0	41.6	95.5	948.3							
Febru	Average	86.9	5.4	37.7	93.9	946.1							
2025	Minimum		0.0	30.3	54.3	940.6							
February 13, 2025	Maximum		19.0	51.6	97.2	964.5							
Febru	Average	223.4	5.1	43.1	80.7	951.6							
2025	Minimum		0.0	23.1	30.3	959.5							
February 14, 2025	Maximum		11.0	45.2	80.9	968.5							
Febru	Average	157.7	3.2	34.5	56.6	964.3							
15, 2025	Minimum		0.0	35.2	40.8	939.6							
ary 15, ;	Maximum		16.0	44.1	95.4	959.4							
February	Average	126.8	4.3	40.6	79.0	950.8							
2025	Minimum		0.0	27.5	61.1	928.1							
February 16, 2025	Maximum		30.0	62.0	96.6	950.1							
Februs	Average	223.2	7.4	42.5	81.8	938.8							

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.