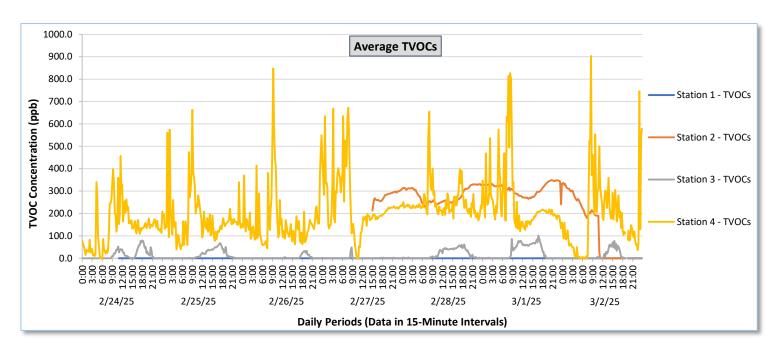
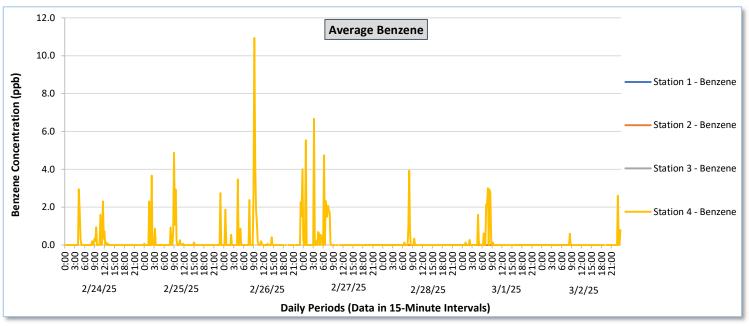


Real-Time Multigas Monitoring Bristol Landfill Air Investigation

February 24 - March 2, 2025

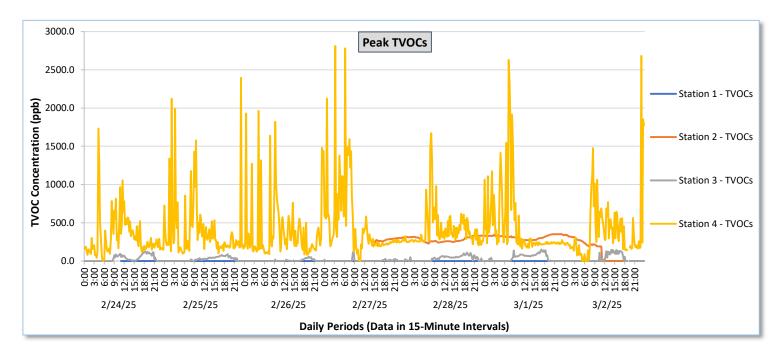


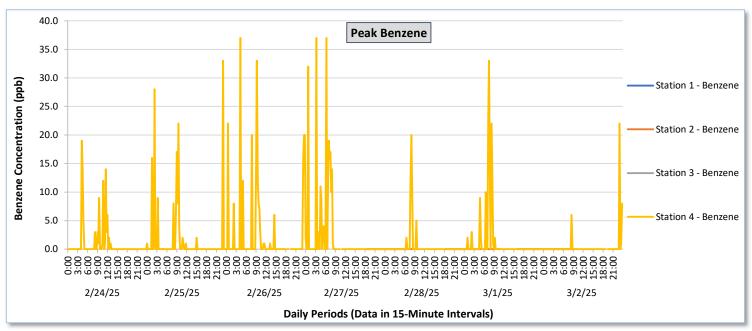




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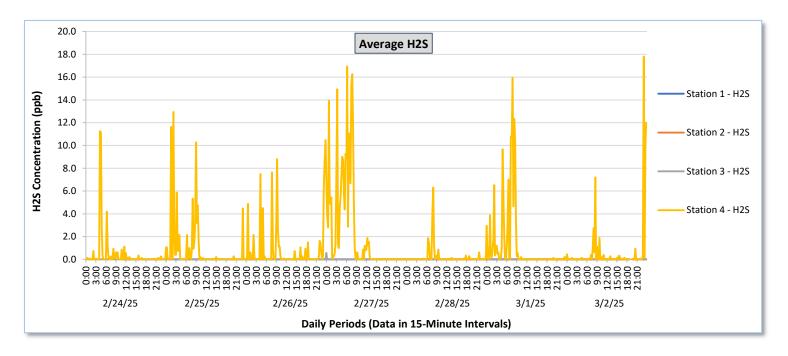


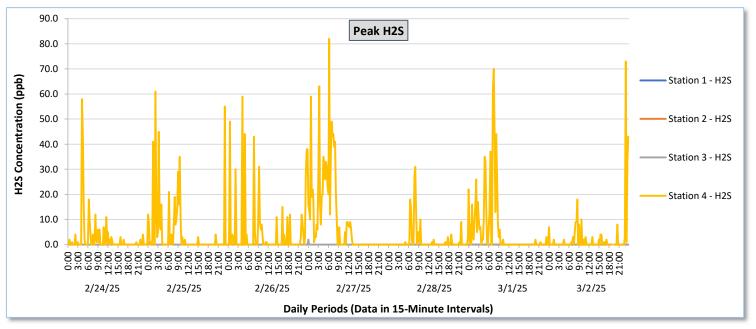


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Perimeter Air Monitoring Weekly Report

Real-Time Multigas Monitoring Bristol Landfill Air Investigation February 24 - March 2, 2025







Real-Time Multigas Monitoring Bristol Landfill Air Investigation February 24 - March 2, 2025

		rebruary 24 - March 2, 2025																							
Date	Daily Statistics	Station 1 TVOCs H2S Benzene					Station 2 TVOCs H2S Benzene				Station 3 TVOCs H2S Benzene					Station 4 TVOCs H2S			D	zene					
		Average		Average		Average		Average		Average		Average		Average		Average		Average		Average	_	Average		Average	
		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.	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.
February 24, 2025	Minimum	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	-	-	-	-	-	-	-	-	79.9	122.0	0.0	0.0	-	-	456.9	1,732.0	11.3	58.0	2.9	19.0
	Average	0.0	0.0	0.0	0.0	-	-	-	-	-	-	-	-	14.7	31.6	0.0	0.0	-	-	139.2	315.9	0.4	2.4	0.1	1.0
February 25, 2025	Minimum	0.0	0.0	0.0	0.0					-	-		-	0.0	0.0	0.0	0.0	-	-	38.5	99.0	0.0	0.0	0.0	0.0
	Maximum	0.0	0.0	0.0	0.0	-	-	-	-	-	-	-	-	66.5	91.0	0.5	2.0	-	-	663.5	2,396.0	12.9	61.0	4.9	33.0
	Average	0.0	0.0	0.0	0.0	-	-	-	-	-	-	-	-	13.8	22.8	0.0	0.1	-		179.0	409.3	0.8	4.9	0.2	1.7
February 26, 2025	Minimum	0.0	0.0	0.0	0.0									0.0	0.0	0.0	0.0			44.1	83.0	0.0	0.0	0.0	0.0
	Maximum	0.0	0.0	0.0	0.0		_			-		-	-	33.8	57.0	0.0	0.0			848.2	1,962.0	10.5	59.0	10.9	37.0
	Average	0.0	0.0	0.0	0.0		_							3.0	6.1	0.0	0.0			171.1	407.4	0.8	5.2	0.4	2.6
<u> </u>																				 					
February 27, 2025	Minimum	0.0	0.0	0.0	0.0	-	•	212.4	227.0	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	-	•	308.3	310.0	0.0	0.0	0.0	0.0	48.3	130.0	0.6	2.0	•	-	671.5	2,811.0	16.9	82.0	6.7	37.0
<u>a</u>	Average	0.0	0.0	0.0	0.0	-	-	278.3	281.6	0.0	0.0	0.0	0.0	1.1	4.5	0.0	0.0	•	-	241.8	488.6	2.5	10.2	0.3	2.4
February 28, 2025	Minimum	0.0	0.0	0.0	0.0	-	-	223.4	227.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-		168.6	204.0	0.0	0.0	0.0	0.0
	Maximum	0.0	0.0	0.0	0.0		-	330.7	333.0	0.0	0.0	0.0	0.0	60.9	112.0	0.0	0.0	•	-	655.7	1,670.0	6.3	31.0	3.9	20.0
	Average	0.0	0.0	0.0	0.0	-		280.8	283.5	0.0	0.0	0.0	0.0	17.6	33.3	0.0	0.0	-		248.8	406.6	0.2	1.6	0.1	0.5
March 1, 2025	Minimum	0.0	0.0	0.0	0.0			241.2	266.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	120.8	162.0	0.0	0.0	0.0	0.0
	Maximum	0.0	0.0	0.0	0.0	-	-	348.3	353.0	0.0	0.0	0.0	0.0	101.2	151.0	0.0	0.0	-		826.7	2,629.0	15.9	70.0	3.0	33.0
	Average	0.0	0.0	0.0	-		-	310.1	314.6	0.0	0.0	0.0	0.0	25.8	38.7	0.0	0.0	-	-	253.1	466.9	1.2	6.1	0.2	1.4
March 2, 2025	Minimum	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			0.0	0.0	0.0	0.0	0.0	0.0
	Maximum	0.0	0.0	0.0	0.0			336.4	346.0	0.0	0.0	0.0	0.0	78.1	149.0	0.0	0.0			903.1	2,682.0	17.8	73.0	2.6	22.0
	Average	0.0	0.0	0.0				116.7	122.5	0.0	0.0	0.0	0.0	9.7	28.1	0.0	0.0			182.6	396.1	0.6	2.7	0.0	0.4
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.
- 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 1 shut down on 2/21/2025 and returned online 2/24/2025.
- Station 2 shut down on 2/22/2025 and returned online 2/27/2025.



Real-Time Multigas Monitoring Bristol Landfill Air Investigation

February 24 - March 2, 2025

		Bristol Met Station											
Date	Daily Statistics	Wind Direction degrees	Wind Speed	Temperature °F	Relative Humidity	Barometric Pressure mbar							
2025	Minimum		0.0	25.1	27.0	946.9							
February 24, 2025	Maximum		12.0	59.2	82.6	952.8							
Febru	Average	171.4	2.4	41.7	53.7	949.8							
2025	Minimum		0.0	31.9	36.2	942.9							
February 25, 2025	Maximum		14.0	63.2	76.3	947.5							
Febru	Average	213.1	2.4	47.6	56.1	945.4							
2025	Minimum		0.0	36.1	23.8	945.8							
February 26, 2025	Maximum		11.0	69.2	81.3	950.2							
Febru	Average	220.1	2.3	52.6	51.2	947.6							
2025	Minimum		0.0	47.3	32.0	943.4							
February 27, 2025	Maximum		18.0	58.2	91.5	946.5							
Febru	Average	261.9	3.6	51.6	52.9	945.0							
2025	Minimum		0.0	38.2	29.2	941.8							
February 28, 2025	Maximum		17.0	56.9	63.5	948.8							
Febru	Average	247.8	3.9	47.9	44.4	945.6							
125	Minimum		0.0	30.2	24.2	939.8							
March 1, 2025	Maximum		23.0	57.4	56.3	950.2							
Mar	Average	256.9	5.0	46.0	42.4	942.5							
125	Minimum		0.0	20.9	26.4	950.2							
March 2, 2025	Maximum		14.0	42.5	67.9	955.6							
Mar	Average	273.4	2.9	30.5	45.6	953.2							

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.