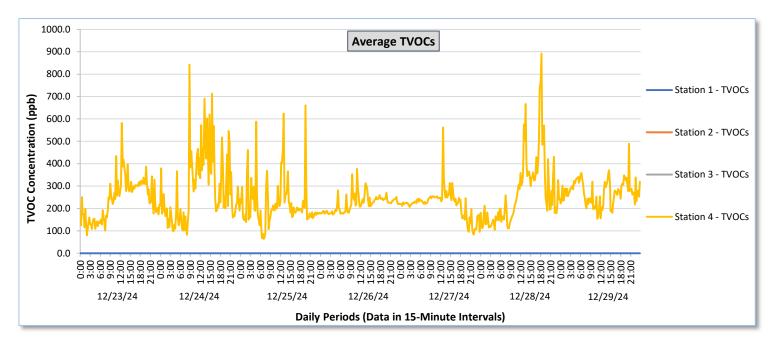
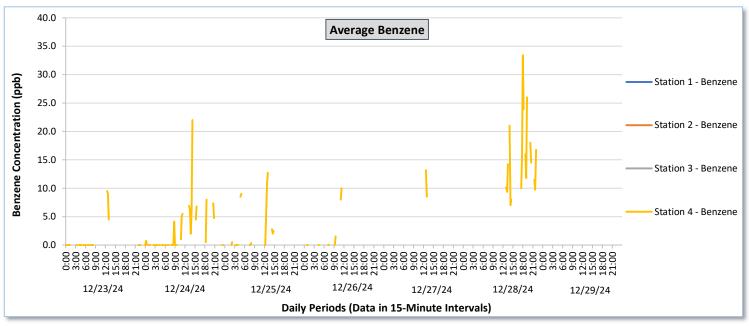


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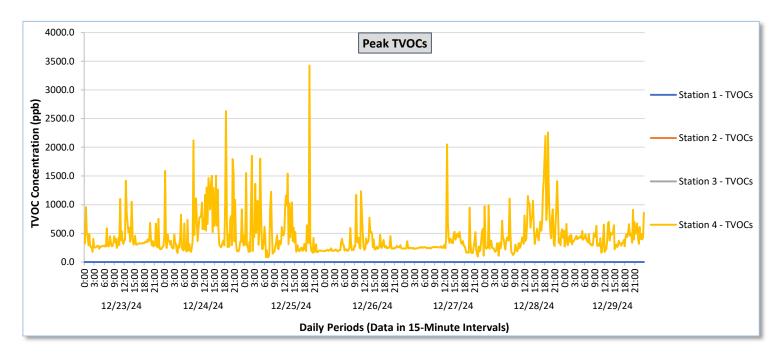


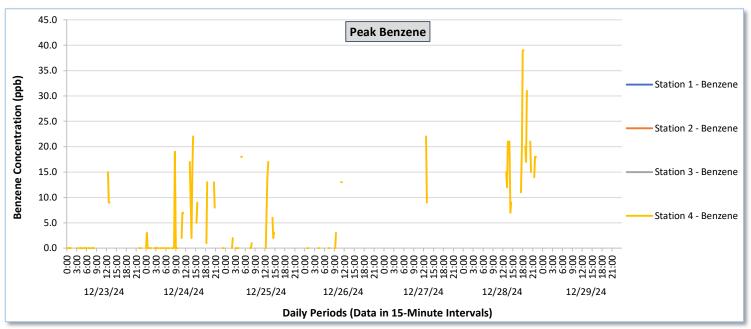




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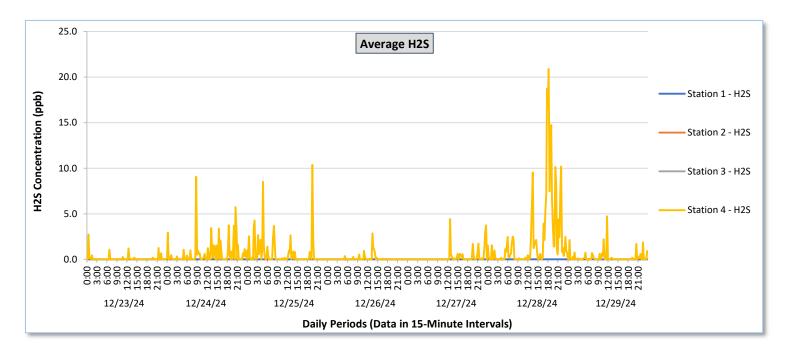


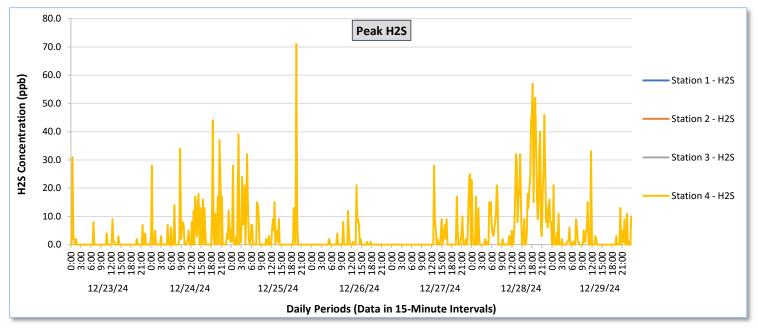


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Perimeter Air Monitoring Weekly Report

Real-Time Multigas Monitoring Bristol Landfill Air Investigation December 23 - December 29, 2024







Real-Time Multigas Monitoring Bristol Landfill Air Investigation December 23 - December 29, 2024

		Station 1					Station 2					Station 3					Station 4								
Date		TVOCs		H2S		Benzene		TVOCs			H2S Benzene		zene	TVOCs		H2S		Benzene		TVOCs		H2S		Benzene	
		Average ppb	Peak ppb	Average ppb	Peak ppb	Average ppb	Peak ppb	Average ppb	Peak ppb	Average ppb	Peak ppb	Average ppb	Peak ppb	Average ppb	Peak 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.																				
December 23, 2024	Minimum	0.0	0.0	0.0	0.0	-	-	-	-	-	-	-	-	-	-	-	-		-	80.4	175.0	0.0	0.0	0.0	0.0
	Maximum	0.0	0.0	0.0	0.0			-	-	-	-	-	-		-	-	-	-	-	582.2	1,416.0	2.7	31.0	9.5	15.0
	Average	0.0	0.0	0.0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	239.3	386.4	0.1	0.8	0.6	0.9
December 24, 2024	Minimum	0.0	0.0	0.0	0.0						-	-					-	-		82.8	158.0	0.0	0.0	0.0	0.0
	Maximum	0.0	0.0	0.0	0.0	-		-	-		-	-	-							842.5	2,630.0	9.1	44.0	22.0	22.0
	Average	0.0	0.0	0.0	0.0	-	-	-	-		-	-	-		-		-		-	291.0	614.9	0.6	4.8	2.4	4.1
														! 		I									
December 25, 2024	Minimum	0.0	0.0	0.0	0.0	•	•	-	-	-	-	-	-		-	-	-	-	-	64.1	80.0	0.0	0.0	0.0	0.0
	Maximum	0.0	0.0	0.0	0.0	•	•	-	-	-	-	-	-	-		•	-	•	-	660.4	3,425.0	10.4	71.0	18.0	27.0
	Average	0.0	0.0	0.0	0.0	-	-	-	-	-	-	-	-	•	-	-	-	•	-	220.8	481.8	0.6	4.5	3.4	5.5
, 2024	Minimum	0.0	0.0	0.0	0.0	-	-	-	-	-	-	-	-	-	-		-	-	-	172.1	186.0	0.0	0.0	0.0	0.0
December 26, 2024	Maximum	0.0	0.0	0.0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	376.7	1,236.0	2.9	21.0	10.0	13.0
Dece	Average	0.0	0.0	0.0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	223.1	303.8	0.1	0.9	1.6	2.8
December 27, 2024	Minimum	0.0	0.0	0.0	0.0	-								-	-	-	-			83.3	97.0	0.0	0.0	0.0	0.0
	Maximum	0.0	0.0	0.0	0.0			-	-	-	-	-	-	-	-	-	-		-	561.1	2,050.0	4.4	28.0	13.2	22.0
Decem	Average	0.0	0.0	0.0	0.0	-						-								220.0	315.5	0.2	1.9	5.2	6.8
December 28, 2024	Minimum	0.0	0.0	0.0	0.0				-											104.5	109.0	0.0	0.0	6.0	6.0
	Maximum	0.0	0.0	0.0	0.0															892.0	2,257.0	20.9	57.0	33.4	39.0
	Average	0.0	0.0	0.0	0.0	-														270.7	554.0	2.3	11.0	14.0	17.5
=																									
December 29, 2024	Minimum	0.0	0.0	0.0	0.0	-			-	-	-			-	-	-	-	-		153.8	162.0	0.0	0.0	10.2	14.0
	Maximum	0.0	0.0	0.0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	489.1	908.0	4.7	33.0	14.0	15.0
	Average	0.0	0.0	0.0	0.0	-		-				-		-		-	-			272.9	417.7	0.2	2.0	12.7	14.3
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 23 - December 29, 2024

		Bristol Met Station											
Date	Daily Statistics	Wind Direction degrees	Wind Speed	Temperature °F	Relative Humidity	Barometric Pressure mbar							
2024	Minimum		-	-	-	959.4							
December 23, 2024	Maximum		-	-	-	963.6							
Decen	Average	-	-	-	-	961.3							
2024	Minimum		-	-	-	957.2							
December 24, 2024	Maximum		-	-	-	961.1							
Decem	Average	-	-	-	-	959.1							
2024	Minimum		-	-	-	955.7							
December 25, 2024	Maximum		-	-	-	958.8							
Decem	Average	-	-	-	-	957.1							
1024	Minimum		-	-	-	955.4							
December 26, 2024	Maximum		-	-	-	959.3							
Decem	Average	-	-	-	-	957.0							
24						054.5							
December 27, 2024	Minimum		-	-	-	951.5							
ember	Maximum		-	-	-	957.3							
Dec	Average	-	-	-	-	954.1							
2024	Minimum		-	-	-	949.7							
December 28, 2024	Maximum		-	-	-	955.4							
Decem	Average	-	-	-	-	952.6							
2024	Minimum		-	-	-	937.2							
December 29, 2024	Maximum		-	-	-	949.9							
Decem	Average	-	-	-	-	942.7							

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.