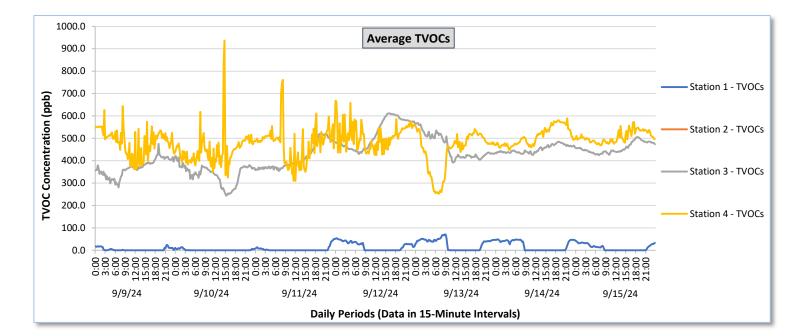
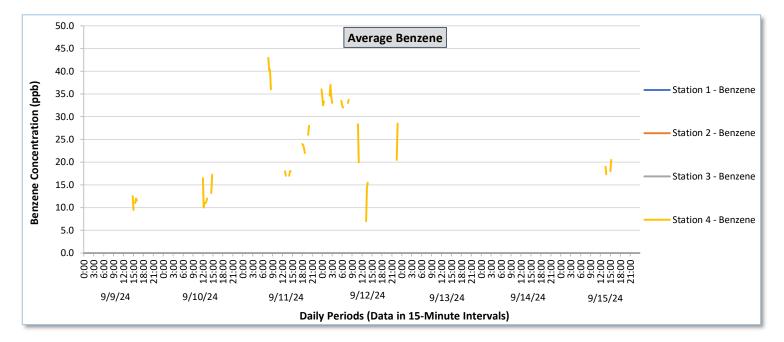


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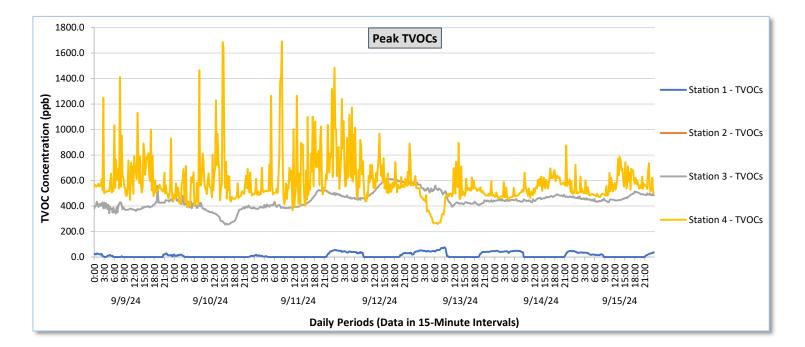


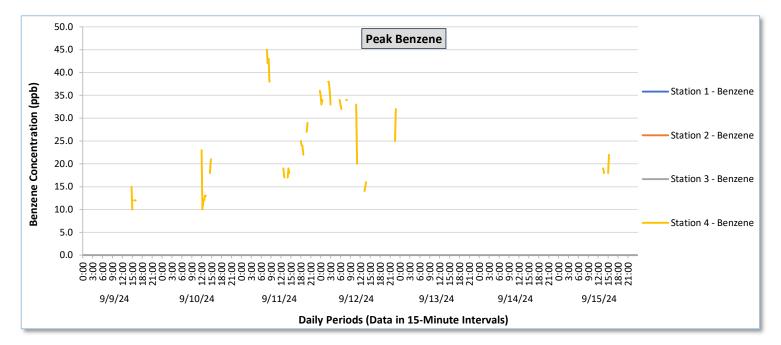




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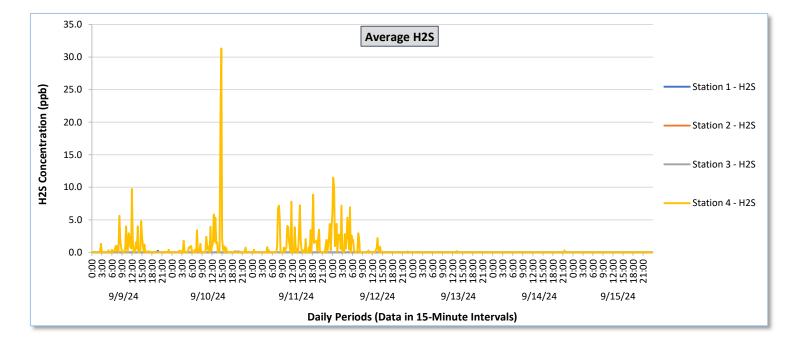
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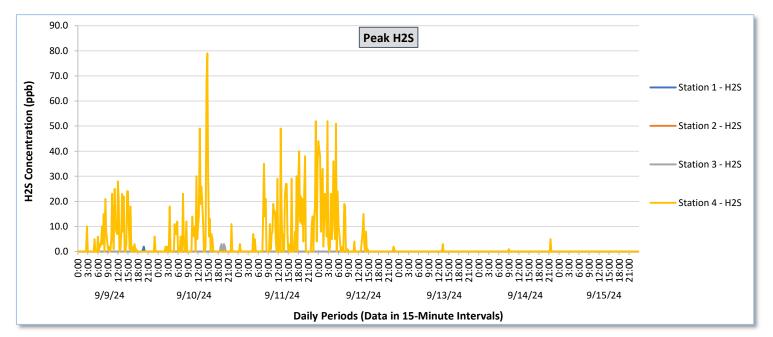






Real-Time Multigas Monitoring Bristol Landfill Air Investigation September 9 - September 15, 2024







Real-Time Multigas Monitoring Bristol Landfill Air Investigation September 9 - September 15, 2024

	Daily Statistics	Station 1				Station 2					Station 3				Station 4										
Date		TVOCs		H2S		Benz	tene	TVOCs		н	H2S Benze		zene	TVOCs		H2S		Benzene		TVOCs		H2S		Benzene	
		Average	Peak ppb	Average ppb	Peak ppb	Average	Peak ppb	Average	Peak ppb	Average	Peak ppb	Average	Peak ppb	Average	Peak ppb										
		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.	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.	1-minute max within each 15 minute interval.	ppb Values from 15- minute intervals.	1-minute max within each 15 minute interval.										
September 9, 2024	Minimum	0.0	0.0	0.0	0.0	-	-	-	-	-	-	-	-	280.7	343.0	0.0	0.0	0.0	0.0	361.3	438.0	0.0	0.0	9.5	10.0
	Maximum	24.6	27.0	0.3	2.0	-	-	-	-	-	-	-	-	475.0	559.0	0.0	0.0	0.0	0.0	644.4	1,412.0	9.8	28.0	40.0	42.0
	Average	3.7	5.7	0.0	0.0	-	-	-	-	-	-	-	-	368.5	400.8	0.0	0.0	0.0	0.0	485.1	622.2	0.6	4.0	22.2	24.8
September 10, 2024	Minimum	0.0	0.0	0.0	0.0	-	-	-	-		-	-	-	243.9	254.0	0.0	0.0	0.0	0.0	324.8	391.0	0.0	0.0	10.0	10.0
	Maximum	14.3	20.0	0.0	0.0	-	-	-	-	-	-	-	-	420.5	481.0	0.2	3.0	0.0	0.0	936.6	1,686.0	31.3	79.0	28.5	34.0
	Average	1.3	2.2	0.0	0.0	-	-	-	-	-	-	-	-	339.3	366.6	0.0	0.1	0.0	0.0	448.0	588.0	1.0	5.7	15.2	18.1
ber 11, 2024	Minimum	0.0	0.0	0.0	0.0									354.1	376.0	0.0	0.0	0.0	0.0	310.3	366.0	0.0	0.0	16.0	17.0
	Maximum	50.1	52.0	0.0	0.0		-		-	-	-	-		520.5	525.0	0.0	0.0	0.0	0.0	760.8	1,692.0	8.9	52.0	43.0	45.0
September 11,	Average	4.0	4.8	0.0	0.0		-	-		-	-		-	414.9	428.7	0.0	0.0	0.0	0.0	474.7	672.9	1.1	8.2	26.9	29.0
12, 2024	Minimum	0.0	0.0	0.0	0.0	-	-	-	-	-	-	-	-	428.9	448.0	0.0	0.0	0.0	0.0	424.9	438.0	0.0	0.0	7.0	14.0
September 1	Maximum	53.7	55.0	0.0	0.0	-	-	-	-	-	•	-	-	611.7	615.0	0.0	0.0	0.0	0.0	668.1	1,484.0	11.5	52.0	37.0	38.0
Sep	Average	17.8	19.7	0.0	0.0	-	-	-	-	-	-	-		521.8	530.4	0.0	0.0	0.0	0.0	510.5	672.7	0.9	6.2	28.3	29.5
September 13, 2024	Minimum	0.0	0.0	0.0	0.0	-		-		-		-	-	391.9	395.0	0.0	0.0	0.0	0.0	252.0	258.0	0.0	0.0	21.5	26.0
	Maximum	70.2	76.0	0.0	0.0	-	-	-	-	-	-	-	-	567.7	584.0	0.0	0.0	0.0	0.0	554.9	895.0	0.2	3.0	29.0	32.0
Septe	Average	26.5	28.6	0.0	0.0	-	-	-	-	-	-	-	-	461.1	470.0	0.0	0.0	0.0	0.0	442.7	475.6	0.0	0.0	25.3	29.0
2024	Minimum	0.0	0.0	0.0	0.0		-							425.6	429.0	0.0	0.0	0.0	0.0	449.1	453.0	0.0	0.0	21.5	26.0
September 14,	Maximum	48.7	49.0	0.0	0.0	-	-	-	-	-	-	-	-	484.8	493.0	0.0	0.0	0.0	0.0	589.5	876.0	0.3	5.0	21.5	26.0
	Average	19.9	21.0	0.0	0.0	-	-			-			-	451.6	457.1	0.0	0.0	0.0	0.0	508.5	542.9	0.0	0.1	21.5	26.0
September 15, 2024	Minimum	0.0	0.0	0.0	0.0					-		-	-	424.1	429.0	0.0	0.0	0.0	0.0	468.6	471.0	0.0	0.0	9.5	18.0
	Maximum	42.4	44.0	0.0	0.0					-			-	505.6	514.0	0.0	0.0	0.0	0.0	572.8	788.0	0.0	0.0	31.0	36.0
	Average	11.3	12.2	0.0	0.0		-	-					-	457.3	464.4	0.0	0.0	0.0	0.0	506.3	561.6	0.0	0.0	19.8	22.3
Notes:	-8-																								

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 on 7/30/2024 due to technical problems and is scheduled for 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 realude when interpreting H₂S levels recorded by the sensors.



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September 9 - September 15, 2024

		Bristol Met Station											
Date	Daily Statistics	Wind Dir	Wind Speed	Temp	Rel Humidity	Baro							
		degrees	mph	°F	%	mbar							
2024	Minimum		0.0	47.9	31.6	953.9							
September 9, 2024	Maximum		7.0	77.4	81.5	956.6							
Septe	Average	147.2	1.3	61.4	61.5	955.1							
2024	Minimum		0.0	49.6	13.7	952.4							
ber 10,	Maximum		6.0	82.8	89.9	955.9							
September 10, 2024	Average	118.3	1.5	64.7	56.8	954.5							
, 2024	Minimum		0.0	55.5	33.9	951.5							
September 11, 2024	Maximum		12.0	82.3	75.4	955.1							
Septen	Average	95.9	2.4	68.5	56.6	953.6							
2024	Minimum		0.0	59.2	50.4	952.1							
oer 12, :	Maximum		17.0	73.9	75.4	954.5							
September 12, 2024	Average	79.2	4.2	66.9	64.9	953.3							
3, 202,	Minimum		0.0	62.2	55.0	952.4							
September 13, 2024	Maximum		16.0	79.7	91.4	954.0							
Septe	Average	76.5	5.0	70.1	73.1	953.1							
2024	Minimum		0.0	66.6	49.3	952.6							
ber 14,	Maximum		17.0	78.6	80.8	954.9							
September 14, 2024	Average	75.0	5.4	71.4	67.0	953.7							
September 15, 2024	Minimum		0.0	62.7	46.7	954.4							
mber 1	Maximum		17.0	78.4	79.1	956.7							
Septe	Average	76.2	5.6	70.0	65.2	955.3							
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.