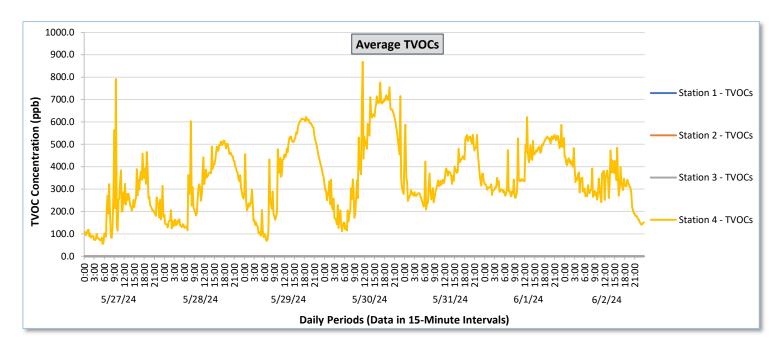
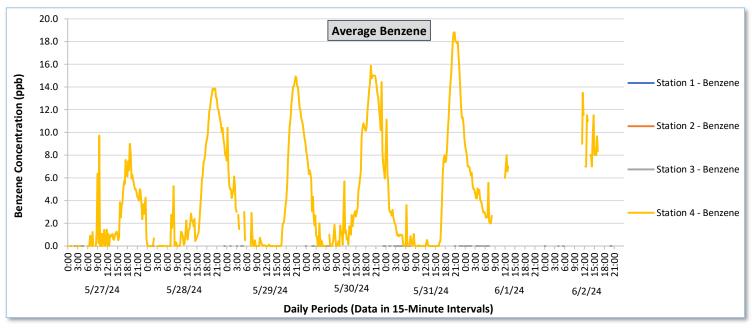


Real-Time Multigas Monitoring Bristol Landfill Air Investigation

May 27 - June 2, 2024

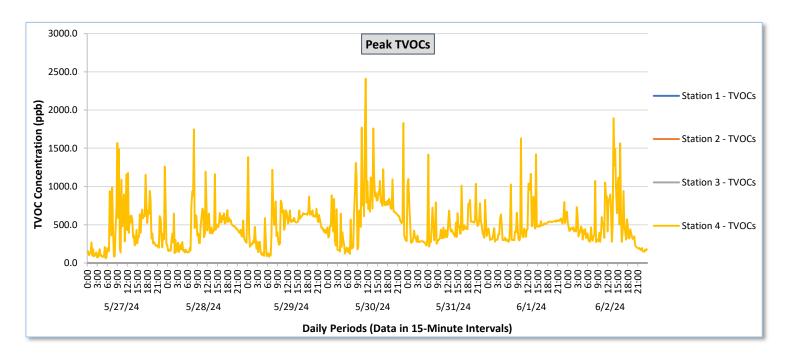


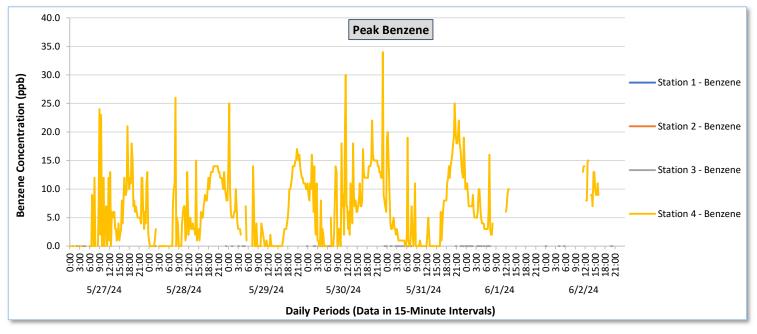




Real-Time Multigas Monitoring Bristol Landfill Air Investigation

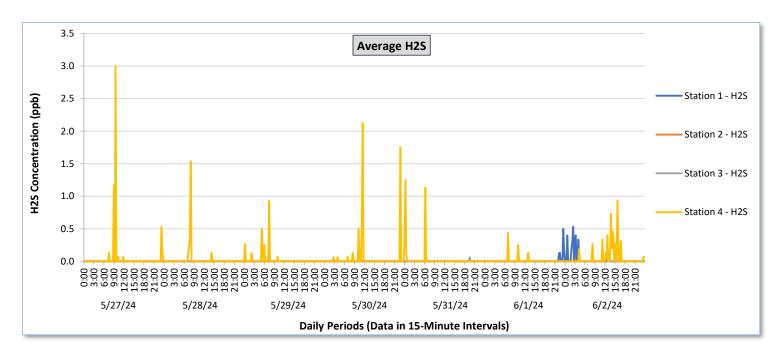
May 27 - June 2, 2024

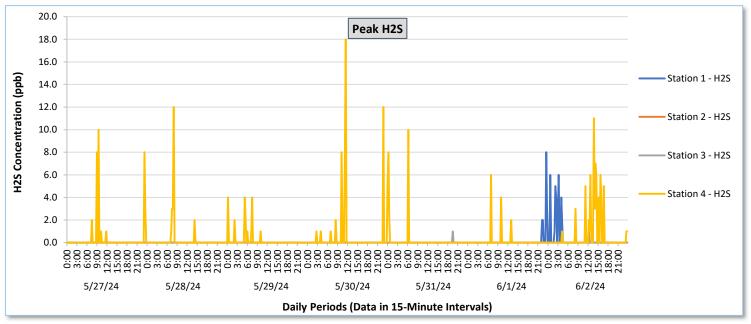






Real-Time Multigas Monitoring Bristol Landfill Air Investigation May 27 - June 2, 2024







Real-Time Multigas Monitoring **Bristol Landfill Air Investigation** May 27 - June 2, 2024

		May 27 - June 2, 2024																							
Date	Daily Statistics	Station 1  TVOCs H2S Benzene					Station 2  TVOCs H2S Benzene					Station 3						Station 4  TVOCs H2S Benzene							
		Average	OCs	Average	zs	Average	tene	Average	OCs	Average	25	Average	zene	Average	OCs I	Average	25	Average	zene	Average	OCs	Average	zs	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.	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.	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.
May 27, 2024	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	-	-	55.0	61.0	0.0	0.0	0.0	0.0
	Maximum	0.0	0.0	0.0	0.0	-	-	0.0	0.0	0.0	0.0	-	-	0.0	0.0	0.0	0.0	-	-	792.1	1,570.0	3.0	10.0	9.7	24.0
	Average	0.0	0.0	0.0	0.0	-	-	0.0	0.0	0.0	0.0	-	-	0.0	0.0	0.0	0.0	-	-	217.7	431.8	0.1	0.3	2.5	5.7
May 28, 2024	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	-	-	115.6	130.0	0.0	0.0	0.0	0.0
	Maximum	0.0	0.0	0.0	0.0	-	-	0.0	0.0	0.0	0.0	-	-	0.0	0.0	0.0	0.0	-	-	603.1	1,748.0	1.5	12.0	13.9	26.0
	Average	0.0	0.0	0.0	0.0	-	-	0.0	0.0	0.0	0.0	1	-	0.0	0.0	0.0	0.0	1	-	312.5	440.3	0.0	0.2	4.0	5.7
May 29, 2024	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	-	-	68.5	83.0	0.0	0.0	0.0	0.0
	Maximum	0.0	0.0	0.0	0.0	-	-	0.0	0.0	0.0	0.0	-	-	0.0	0.0	0.0	0.0	-	-	622.3	1,384.0	0.9	4.0	14.9	25.0
	Average	0.0	0.0	0.0	0.0	-	-	0.0	0.0	0.0	0.0	-	-	0.0	0.0	0.0	0.0	-	-	376.2	489.2	0.0	0.2	4.4	5.6
	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	-	_	111.7	120.0	0.0	0.0	0.0	0.0
May 30, 2024	Maximum	0.0	0.0	0.0	0.0		-	0.0	0.0	0.0	0.0	-	-	0.0	0.0	0.0	0.0	-	-	868.3	2,409.0	2.1	18.0	15.9	34.0
	Average	0.0	0.0	0.0	0.0	-	-	0.0	0.0	0.0	0.0	_	-	0.0	0.0	0.0	0.0		_	435.9	669.8	0.1	0.5	5.2	8.8
31, 2024	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	-	-	208.6	214.0	0.0	0.0	0.0	0.0
May 31, 2	Maximum	0.0	0.0	0.0	0.0	-	-	0.0	0.0	0.0	0.0	-	-	0.0	0.0	0.1	1.0	-	-	587.6	1,418.0	1.3	10.0	18.8	25.0
	Average	0.0	0.0	0.0	0.0	-	-	0.0	0.0	0.0	0.0	-	-	0.0	0.0	0.0	0.0	-	-	362.0	467.1	0.0	0.3	4.5	6.1
June 1, 2024	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	-	-	259.7	276.0	0.0	0.0	2.0	2.0
	Maximum	0.0	0.0	0.5	8.0	-	-	0.0	0.0	0.0	0.0	-	-	0.0	0.0	0.0	0.0	-	-	621.3	1,629.0	0.4	6.0	11.5	20.0
	Average	0.0	0.0	0.0	0.2	-	-	0.0	0.0	0.0	0.0	-	-	0.0	0.0	0.0	0.0	-	-	405.0	508.6	0.0	0.1	5.1	6.5
June 2, 2024	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	-	-	140.5	146.0	0.0	0.0	4.0	5.0
	Maximum	0.0	0.0	0.5	6.0	-	-	0.0	0.0	0.0	0.0	-	-	0.0	0.0	0.1	1.0	-	-	483.9	1,893.0	0.9	11.0	13.5	15.0
	Average	0.0	0.0	0.0	0.3	-	-	0.0	0.0	0.0	0.0	-	-	0.0	0.0	0.0	0.0	-	-	316.4	486.7	0.1	0.7	9.1	10.7
Notes:													_			_									

- Notes:
   Data records with a dash indicate TVOC levels were below 160 ppb, thus Benzene levels were not being measured or no data is available for that interval
- Calibration readings and data produced during sensor errors are excluded from the report
- As discussed with the manufacturer of the H2S sensor, there is high likelihood that the H2S sensor has cross sensitivity with other sulfur compounds. Other sulfur compounds include, but are not limited to, carbonyl sulfide, dimethyl sulfide, dimethyl disulfide, and methyl mercaptan.



Real-Time Multigas Monitoring Bristol Landfill Air Investigation

May 27 - June 2, 2024

Date   Date   Daily Statistics   Wind Dir degrees   mph   "F   %   mbar   mba			Bristol Met Station										
Minimum	Date	Daily Statistics	Wind Dir	Wind Speed	Temp	Rel Humidity	Baro						
Maximum			degrees	mph	°F	%	mbar						
Minimum   1.0   60.9   45.0   948.0	024	Minimum		1.0	59.3	64.1	942.4						
Note	ıy 27, 2ı	Maximum		23.0	76.6	95.9	948.2						
Maximum	Σ	Average	193.3	3.2	66.7	83.9	945.5						
Minimum   1.0   53.5   37.1   950.6	24	Minimum		1.0	60.9	45.0	948.0						
Average   241.3   3.2   68.0   71.3   949.6	28, 202	Maximum		17.0	75.7	96.0	951.3						
Maximum	Мау	Average	241.3	3.2	68.0	71.3	949.6						
Minimum   1.0   51.8   42.5   953.3	24	Minimum		1.0	53.5	37.1	950.6						
Minimum	y 29, 20	Maximum		19.0	73.4	93.0	954.0						
Maximum   8.0   72.2   88.2   956.1	Ma	Average	214.0	3.0	64.0	65.1	951.9						
Average       184.1       1.8       62.2       64.7       954.4         Minimum       1.0       47.5       14.0       955.1         Maximum       11.0       75.9       89.8       959.3         Average       109.7       2.1       62.2       56.5       957.0         Minimum       1.0       51.1       28.4       953.2         Maximum       8.0       78.8       83.2       957.7	24	Minimum		1.0	51.8	42.5	953.3						
Average       184.1       1.8       62.2       64.7       954.4         Minimum       1.0       47.5       14.0       955.1         Maximum       11.0       75.9       89.8       959.3         Average       109.7       2.1       62.2       56.5       957.0         Minimum       1.0       51.1       28.4       953.2         Maximum       8.0       78.8       83.2       957.7	у 30, 20	Maximum		8.0	72.2	88.2	956.1						
Maximum 11.0 75.9 89.8 959.3  Average 109.7 2.1 62.2 56.5 957.0  Minimum 1.0 51.1 28.4 953.2	Ma	Average	184.1	1.8	62.2	64.7	954.4						
Average 109.7 2.1 62.2 56.5 957.0  Minimum 1.0 51.1 28.4 953.2  Maximum 8.0 78.8 83.2 957.7	, 31, 2024	Minimum		1.0	47.5	14.0	955.1						
Average 109.7 2.1 62.2 56.5 957.0  Minimum 1.0 51.1 28.4 953.2  Maximum 8.0 78.8 83.2 957.7		Maximum		11.0	75.9	89.8	959.3						
80 788 832 9577	Мау	Average	109.7	2.1	62.2	56.5	957.0						
Maximum 8.0 78.8 83.2 957.7	June 1, 2024	Minimum		1.0	51.1	28.4	953.2						
		Maximum		8.0	78.8	83.2	957.7						
Average 115.6 2.0 65.0 54.9 955.7		Average	115.6	2.0	65.0	54.9	955.7						
Minimum 1.0 61.1 46.4 950.5	4:	Minimum		1.0	61.1	46.4	950.5						
Maximum 10.0 71.7 93.4 953.9	e 2, 202	Maximum		10.0	71.7	93.4	953.9						
Average 165.1 1.3 66.6 73.2 952.0	June	Average	165.1	1.3	66.6	73.2	952.0						

#### 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