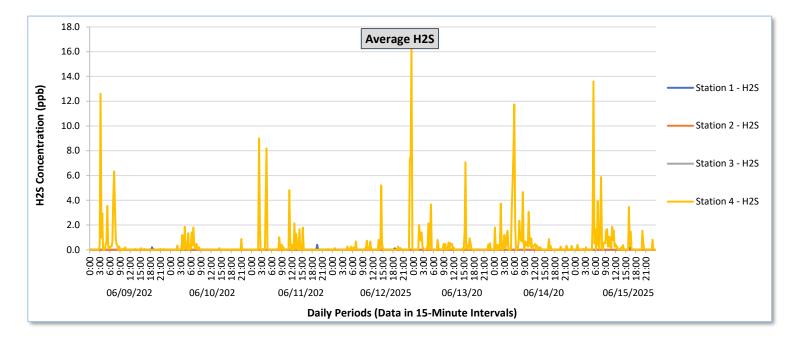
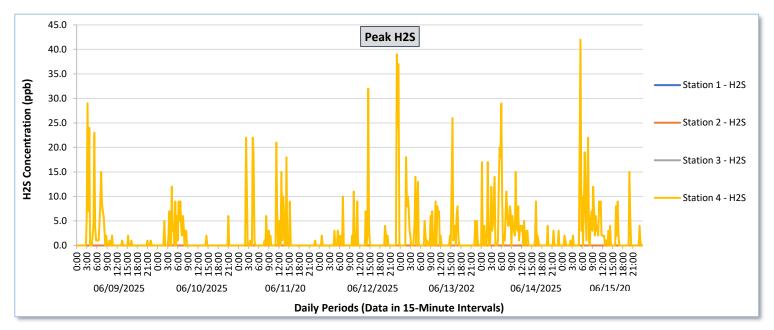
Perimeter Air Monitoring Weekly Report



Real-Time Multigas Monitoring Bristol Landfill Air Investigation

June 9 - June 15, 2025







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		Station 1					Station 2					Station 3					Station 4								
Date		TVOCs		H2S		Benzene		TVOCs		H2S		Benzene		TVOCs		H2S		Benzene		TVOCs		H2S		Benzene	
	Daily Statistics	Average ppb	Peak ppb	Average ppb	Peak ppb	Average ppb	Peak ppb	Average ppb	Peak ppb	Average ppb	Peak ppb	Average	Peak ppb	Average ppb	Peak ppb										
	Sury Subsec	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.																				
125	Minimum	-	-	0.0	0.0	-	-	-	-	0.0	0.0	-	-	-	-	-	-	-	-	-	-	0.0	0.0	-	-
June 9, 2025	Maximum	-	-	0.2	3.0	-	-	-	-	0.0	0.0	-	-	-	-	-	-	-	-	-	-	12.6	29.0	-	-
١٢	Average	-	-	0.0	0.0		-	-		0.0	0.0		-	-	-	-	-		-	-	-	0.4	1.7	-	-
	Minimum	-	-	0.0	0.0		-			0.0	0.0	-	-					-	-	-	-	0.0	0.0		-
June 10, 2025	Maximum	-	-	0.0	0.0	-	-	-		0.0	0.0	-	-					-	-	-	-	1.9	12.0		-
June	Average	-	-	0.0	0.0	-	-	-		0.0	0.0	-	-			-	-		-	-	-	0.1	1.1	-	-
															1										
2025	Minimum	-	-	0.0	0.0	-	-	-		0.0	0.0	-	-	-	-	-	-	-	-	-	-	0.0	0.0	-	-
June 11, 2025	Maximum	-	-	0.4	6.0	-	-	-		0.0	0.0	-	-	-	-	-	-	-	-	-	-	9.0	22.0	-	-
_	Average	-	-	0.0	0.1	-	-	-	-	0.0	0.0	-	-	•		-	-	-	-	-	-	0.4	1.9	-	-
125	Minimum	-	-	0.0	0.0	-	-	-	-	0.0	0.0	-	-			-	-	-	-	-	-	0.0	0.0	-	-
June 12, 2025	Maximum	-	-	0.1	2.0	-	-	-	-	0.0	0.0	-	-	-	-	-	-	-	-	-	-	16.4	39.0	-	-
Jur	Average	-	-	0.0	0.0	-	-	-	-	0.0	0.0		-		-	-	-	-	-	-	-	0.4	2.0		-
5	Minimum	-		0.0	0.0					0.0	0.0			-	-	-		-				0.0	0.0		-
13, 2025	Maximum	-	-	0.0	0.0	-	-	-		0.0	0.0	-	-			-	-			-	-	7.1	26.0	-	-
June 13,	Average	-	-	0.0	0.0	-	-	-		0.0	0.0	-	-		-	-			-	-	-	0.3	2.3		-
	Minimum			0.0	0.0					0.0	0.0											0.0	0.0		
4, 2025	Maximum	-	-	0.0	0.0	-	-			0.0	0.0		-		•							11.7	29.0		
June 14, 2025	Average			0.0	0.0					0.0	0.0											0.7	3.3		
	Average	-	-	0.0	0.0	-	-	-	-	0.0	0.0	-	-	-			-		-	-	-	0.7	3.3		-
2025	Minimum	-	-	0.0	0.0	-	-	-		0.0	0.0	-	-	•	•	-	-	-	-	•	-	0.0	0.0		-
June 15, 2025	Maximum	-	-	0.3	4.0	-	-	-	-	0.0	0.0	-	-	-	-	-	-		•	•	-	13.6	42.0		-
≓ Notes:	Average	-	-	0.0	0.1	-	-	-	-	0.0	0.0	-	-		•	-	-	-	-	-	-	0.6	3.1	-	-

Notes:

- TVOC monitoring is suspended at each station due to operational uncertainty. Monitoring and reporting will resume upon completion of the evaluation process and verification of data accuracy.

- Benzene sampling, which is triggered based on the TVOC readings, is suspended during this evaluation period.

- 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 3 shut down on 6/7/2025 and is scheduled for repair.



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Daily StatisticsWind Direction degreesWind Speed mphTemperature FRelative Humidity Pressure %Barometric Pressure %Minimum0.0060.354.4944.2Maximum0.0060.354.4944.2Maximum0.0060.879.5946.1Average223.92.069.879.5946.1Minimum0.0061.438.5946.5Maximum0.0061.438.5946.5Maximum0.0061.438.5946.5Average214.02.168.473.6949.8Minimum0.0055.643.8953.1Average155.11.369.170.3956.2Maximum0.0055.744.1952.1Maximum0.0055.744.1952.1Maximum0.0055.795.595.5Maximum0.0055.995.595.5Maximum0.0065.955.5950.5Maximum112.0184.794.3954.1Average199.22.073.979.0952.5Minimum0.0065.955.5950.5Maximum10.066.155.3950.5Maximum10.066.155.3950.5Maximum10.066.155.3950.5Maximum10.066.155.3950.5Maximum245.31.873.481			Bristol Met Station											
Maximum Maximum <t< th=""><th>Date</th><th>Daily Statistics</th><th></th><th></th><th></th><th>-</th><th colspan="3">Pressure</th></t<>	Date	Daily Statistics				-	Pressure							
Average 223.9 2.0 69.8 79.5 946.1 Minimum 0.0 61.4 38.5 946.5 Maximum 12.0 78.3 95.2 953.1 Average 214.0 2.1 68.4 73.6 949.8 Minimum 0.0 55.6 43.8 953.1 Maximum 0.0 55.7 43.1 952.1 Maximum 0.0 59.7 43.1 952.1 Maximum 0.0 59.7 43.1 954.3 Average 124.5 1.7 71.9 73.4 954.3 Maximum 0.0 65.9 55.5 950.5 Maximum 0.0 66.1 55.3 949.8 Maximum 0.0 66.1 55.3 949.8	25	Minimum		0.0	60.3	54.4	944.2							
Average 223.9 2.0 69.8 79.5 946.1 Minimum 0.0 61.4 38.5 946.5 Maximum 12.0 78.3 95.2 953.1 Average 214.0 2.1 68.4 73.6 949.8 Minimum 0.0 55.6 43.8 953.1 Maximum 0.0 55.7 43.1 952.1 Maximum 0.0 59.7 43.1 952.1 Maximum 0.0 59.7 43.1 954.3 Average 124.5 1.7 71.9 73.4 954.3 Maximum 0.0 65.9 55.5 950.5 Maximum 0.0 66.1 55.3 949.8 Maximum 0.0 66.1 55.3 949.8	ie 9, 20	Maximum		12.0	78.7	96.5	947.5							
Maximum Maximum <t< td=""><td>Jur</td><td>Average</td><td>223.9</td><td>2.0</td><td>69.8</td><td>79.5</td><td>946.1</td></t<>	Jur	Average	223.9	2.0	69.8	79.5	946.1							
Nerage 214.0 2.1 68.4 73.6 949.3 Minimum 0.0 55.6 43.8 953.1 Maximum 7.0 82.3 93.0 956.2 Average 155.1 1.3 69.1 70.3 954.6 Maximum 0.0 59.7 43.1 952.1 Maximum 0.0 59.7 43.1 952.1 Maximum 9.0 84.5 92.6 955.8 Average 124.5 1.7 71.9 73.4 954.3 Maximum 0.0 65.9 55.5 950.5 Maximum 13.0 84.7 94.3 954.1 Average 199.2 2.0 73.9 79.0 952.5 Maximum 0.0 66.1 55.3 949.8 Maximum 15.0 83.7 97.2 953.7 Average 245.3 1.8 73.4 81.6 952.0 Yee Minimum 0.0	25	Minimum		0.0	61.4	38.5	946.5							
Nerage 214.0 2.1 68.4 73.6 949.3 Minimum 0.0 55.6 43.8 953.1 Maximum 7.0 82.3 93.0 956.2 Average 155.1 1.3 69.1 70.3 954.6 Maximum 0.0 59.7 43.1 952.1 Maximum 0.0 59.7 43.1 952.1 Maximum 9.0 84.5 92.6 955.8 Average 124.5 1.7 71.9 73.4 954.3 Maximum 0.0 65.9 55.5 950.5 Maximum 13.0 84.7 94.3 954.1 Average 199.2 2.0 73.9 79.0 952.5 Maximum 0.0 66.1 55.3 949.8 Maximum 15.0 83.7 97.2 953.7 Average 245.3 1.8 73.4 81.6 952.0 Yee Minimum 0.0	10, 20	Maximum		12.0	78.3	95.2	953.1							
Maximum Maximum 7.0 82.3 93.0 956.2 Average 155.1 1.3 69.1 70.3 954.6 Minimum 0.0 59.7 43.1 952.1 Maximum 9.0 84.5 92.6 955.8 Average 124.5 1.7 71.9 73.4 954.3 Minimum 0.0 65.9 55.5 950.5 Maximum 0.0 66.1 55.3 954.1 Maximum 0.0 66.1 55.5 950.5 Maximum 0.0 66.1 55.3 954.1 Average 199.2 2.0 73.9 79.0 952.5 Minimum 0.0 66.1 55.3 949.8 Maximum 0.0 66.1 55.3 949.8 Maximum 0.0 66.1 55.3 949.8 Maximum 0.0 67.7 78.2 950.4 Maximum 0.0 67.7 78.2	June	Average	214.0	2.1	68.4	73.6	949.8							
Metrage 133.1 1.3 091 70.3 994.8 gg C C C C C C C C C C C C C C C C C C	25	Minimum		0.0	55.6	43.8	953.1							
Metrage 133.1 1.3 091 70.3 994.8 gg C C C C C C C C C C C C C C C C C C	e 11, 20	Maximum		7.0	82.3	93.0	956.2							
CC Maximum Maximum 9.0 84.5 92.6 955.8 Average 124.5 1.7 71.9 73.4 954.3 SC Minimum 0.0 65.9 55.5 950.5 Maximum 13.0 84.7 94.3 954.1 Average 199.2 2.0 73.9 79.0 952.5 Maximum 0.0 66.1 55.3 990.5 Minimum 0.0 66.1 55.3 993.7 Maximum 15.0 83.7 97.2 953.7 Maximum 0.0 66.1 55.3 995.0 Maximum 0.0 83.7 97.2 953.7 Maximum 0.0 67.7 78.2 950.4 Total 0.0 67.7 78.2 950.4 Maximum 0.0 77.0 95.9 953.0	June	Average	155.1	1.3	69.1	70.3	954.6							
Minimum 1.7 71.9 73.4 954.3 Minimum 0.0 65.9 55.5 950.5 Maximum 13.0 84.7 94.3 954.1 Average 199.2 2.0 73.9 79.0 952.5 Minimum 0.0 66.1 55.3 94.3 Minimum 0.0 66.1 55.3 949.8 Maximum 15.0 83.7 97.2 953.7 Average 245.3 1.8 73.4 81.6 952.0 Minimum 0.0 67.7 78.2 950.4 Maximum 11.0 77.0 95.9 953.0	25	Minimum		0.0	59.7	43.1	952.1							
Minimum 1.7 71.9 73.4 954.3 Minimum 0.0 65.9 55.5 950.5 Maximum 13.0 84.7 94.3 954.1 Average 199.2 2.0 73.9 79.0 952.5 Minimum 0.0 66.1 55.3 94.3 Minimum 0.0 66.1 55.3 949.8 Maximum 15.0 83.7 97.2 953.7 Average 245.3 1.8 73.4 81.6 952.0 Minimum 0.0 67.7 78.2 950.4 Maximum 11.0 77.0 95.9 953.0	e 12, 20	Maximum		9.0	84.5	92.6	955.8							
Maximum Maximum 13.0 84.7 94.3 954.1 Average 199.2 2.0 73.9 79.0 952.5 Minimum 0.0 66.1 55.3 949.8 Maximum 15.0 83.7 97.2 953.7 Maximum 245.3 1.8 73.4 81.6 952.0 Minimum 0.0 67.7 78.2 950.4 Maximum 0.0 67.7 78.2 950.4 Maximum 0.0 67.7 78.2 950.4 Maximum 11.0 77.0 95.9 953.0	June	Average	124.5	1.7	71.9	73.4	954.3							
Minimum 0.0 66.1 55.3 949.8 Minimum 15.0 83.7 97.2 953.7 Average 245.3 1.8 73.4 81.6 952.0 Minimum 0.0 67.7 78.2 950.4 Maximum 11.0 77.0 95.9 953.0	25	Minimum		0.0	65.9	55.5	950.5							
Minimum 0.0 66.1 55.3 949.8 Minimum 15.0 83.7 97.2 953.7 Average 245.3 1.8 73.4 81.6 952.0 Minimum 0.0 67.7 78.2 950.4 Maximum 11.0 77.0 95.9 953.0	e 13, 20	Maximum		13.0	84.7	94.3	954.1							
Maximum Maximum 15.0 83.7 97.2 953.7 Average 245.3 1.8 73.4 81.6 952.0 Minimum 0.0 67.7 78.2 950.4 Maximum 11.0 77.0 95.9 953.0	June	Average	199.2	2.0	73.9	79.0	952.5							
Minimum 0.0 67.7 78.2 950.4 Maximum 11.0 77.0 95.9 953.0	25	Minimum		0.0	66.1	55.3	949.8							
Minimum 0.0 67.7 78.2 950.4 Maximum 11.0 77.0 95.9 953.0	e 14, 20	Maximum		15.0	83.7	97.2	953.7							
Naximum Maximum 11.0 77.0 95.9 953.0	Juni	Average	245.3	1.8	73.4	81.6	952.0							
Maximum 11.0 77.0 95.9 953.0 Average 190.2 1.8 70.7 90.1 951.8	25	Minimum		0.0	67.7	78.2	950.4							
[§] Average 190.2 1.8 70.7 90.1 951.8	e 15, 20	Maximum		11.0	77.0	95.9	953.0							
	June	Average	190.2	1.8	70.7	90.1	951.8							

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.