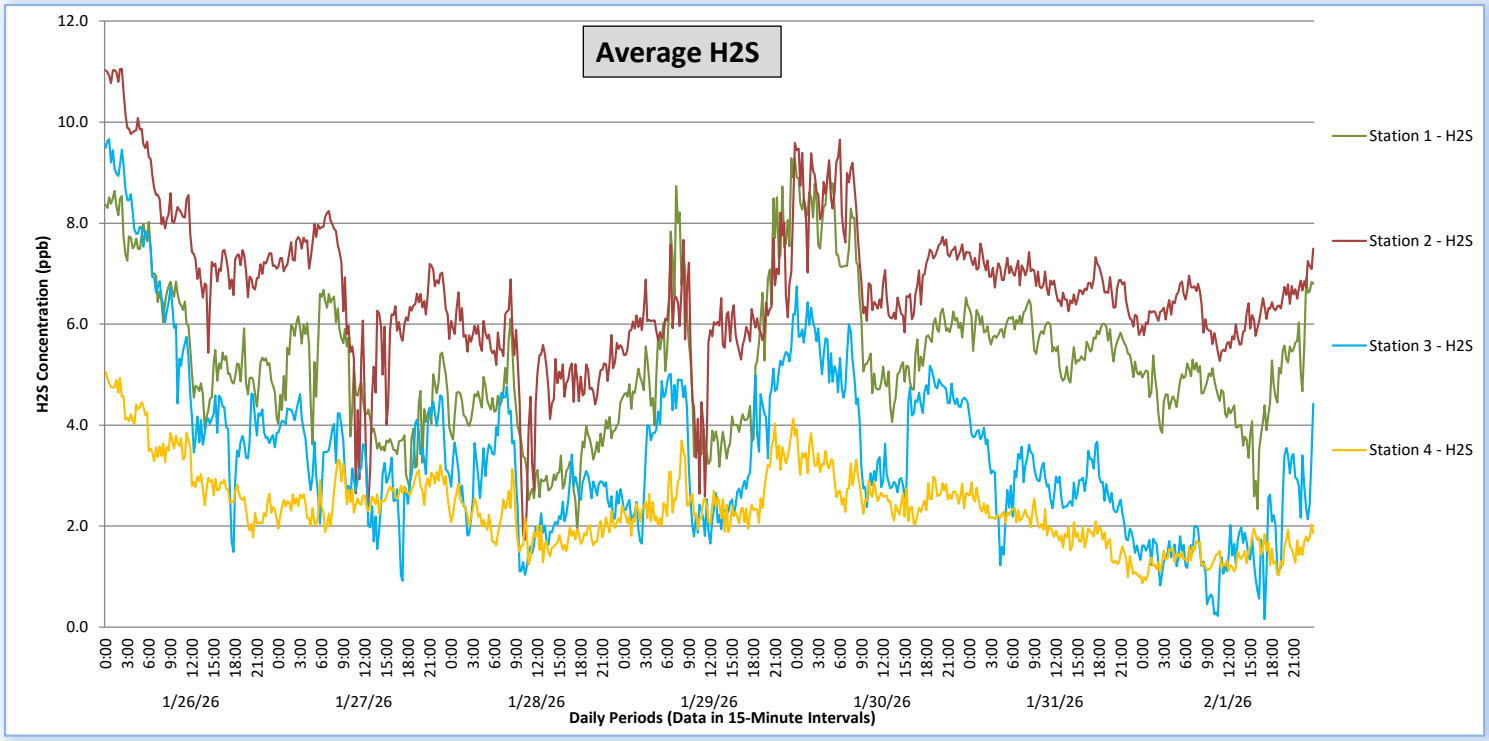
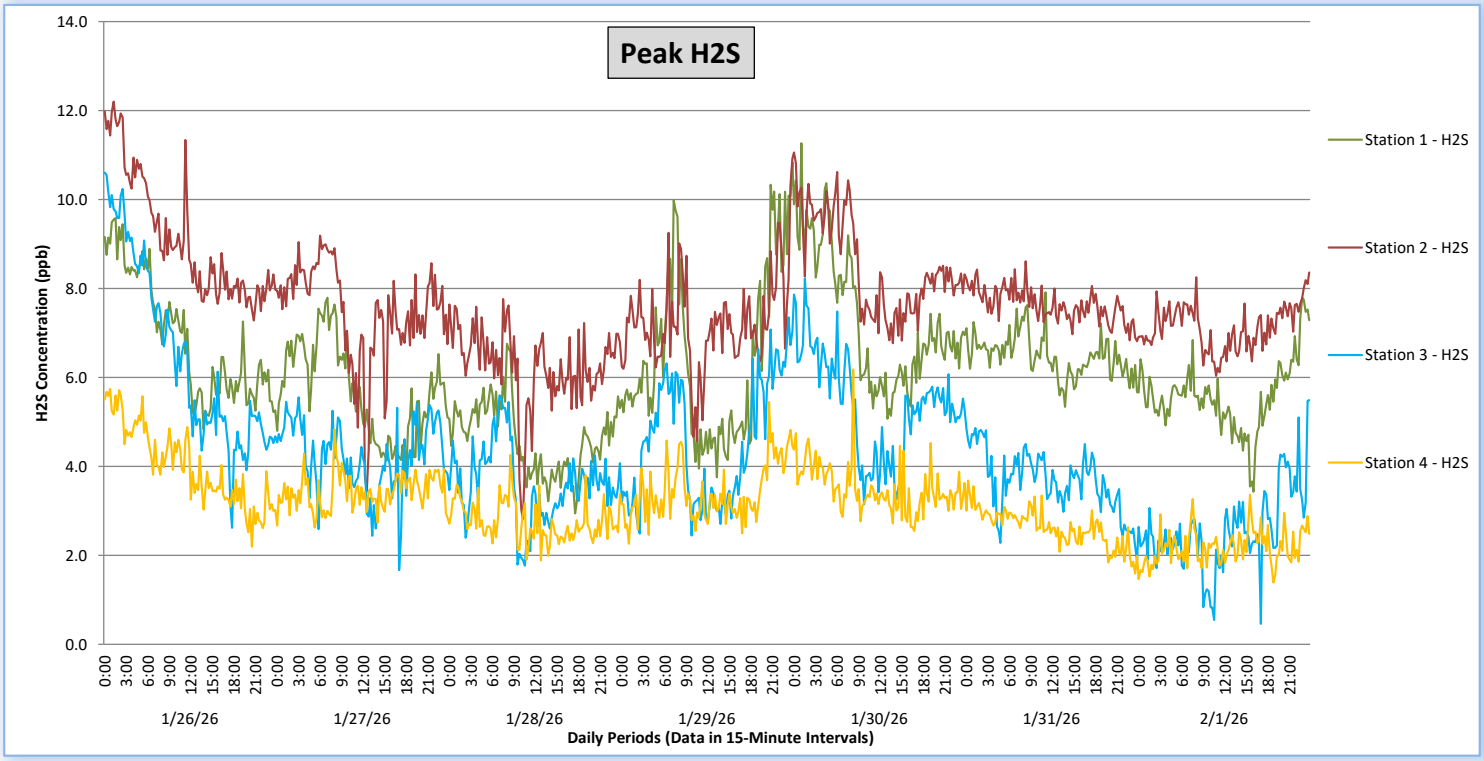
Perimeter Air Monitoring Weekly Report

Real-Time Multigas Monitoring
Bristol Landfill Air Investigation

January 26 - February 01, 2026





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Date	Daily Statistics	Station 1		Station 2		Station 3		Station 4	
		H2S		H2S		H2S		H2S	
		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	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
January 26, 2026	Minimum	3.9	4.8	5.4	7.3	1.5	2.6	1.8	2.2
	Maximum	8.6	9.6	11.1	12.2	9.7	10.6	5.1	5.7
	Average	6.1	6.9	8.2	9.1	5.6	6.5	3.3	4.0
January 27, 2026	Minimum	2.7	3.7	2.4	3.4	0.9	1.7	1.9	2.6
	Maximum	6.7	7.8	8.2	9.2	4.6	5.6	3.3	4.8
	Average	4.7	5.7	6.4	7.5	3.3	4.2	2.6	3.4
January 28, 2026	Minimum	1.9	2.9	1.7	2.8	1.0	1.8	1.2	1.9
	Maximum	6.1	6.8	6.9	7.8	4.8	5.6	3.1	4.3
	Average	3.8	4.6	5.1	6.3	2.7	3.6	2.0	2.8
January 29, 2026	Minimum	3.2	3.8	2.6	4.6	1.7	2.4	1.8	2.3
	Maximum	9.3	10.8	9.6	10.9	6.2	7.4	4.1	5.4
	Average	5.4	6.4	6.0	7.2	3.5	4.5	2.6	3.4
January 30, 2026	Minimum	4.1	5.1	5.8	6.8	2.4	3.2	2.0	2.5
	Maximum	9.1	11.3	9.7	11.1	6.7	8.2	3.9	6.2
	Average	6.4	7.3	7.5	8.5	4.4	5.4	2.7	3.5
January 31, 2026	Minimum	4.8	5.3	5.8	6.8	1.2	1.9	1.0	1.6
	Maximum	6.5	7.9	7.6	8.6	4.2	4.9	2.9	3.7
	Average	5.7	6.5	6.8	7.6	2.8	3.7	1.9	2.6
February 1, 2026	Minimum	2.3	3.4	5.3	6.0	0.2	0.5	0.9	1.4
	Maximum	6.9	7.8	7.5	8.4	4.4	5.5	2.0	3.4
	Average	4.7	5.6	6.3	7.1	1.7	2.6	1.4	2.2

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 hydrogen sulfide (H_2S) electrochemical sensor is susceptible to interference from other gases, particularly dimethylsulfide (DMS) and dimethyl disulfide (DMDS) or other total reduced sulfurs, which are the same compounds that may be responsible for nuisance odor complaints.
- The full-scale range of the H_2S electrochemical sensor is 1,000 ppb, resulting in an effective range between 10 ppb and 1,000 ppb (MDL 1% of full scale). Readings outside of the effective range of the sensor are qualitative, not quantitative.

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Date	Daily Statistics	Bristol Met Station 1				
		Wind Direction degrees	Wind Speed mph	Temperature °F	Relative Humidity %	Barometric Pressure mbar
January 26, 2026	Minimum		1.2	8.5	67.7	942.0
	Maximum		8.9	33.4	96.0	958.1
	Average	272	3.8	18.0	83.6	950.9
January 27, 2026	Minimum		1.6	4.5	53.5	951.8
	Maximum		8.4	28.4	89.0	958.4
	Average	233	4.2	16.6	70.4	955.3
January 28, 2026	Minimum		1.0	16.0	34.5	950.9
	Maximum		8.4	28.5	84.9	955.0
	Average	253	4.8	23.0	59.4	952.9
January 29, 2026	Minimum		0.2	12.6	38.6	952.3
	Maximum		6.0	27.8	64.3	954.8
	Average	251	1.9	21.4	49.1	953.4
January 30, 2026	Minimum		0.4	18.9	58.1	948.7
	Maximum		7.5	27.7	91.3	952.3
	Average	19	3.0	23.3	78.7	950.2
January 31, 2026	Minimum		2.2	10.1	66.0	946.9
	Maximum		7.8	19.4	91.0	951.4
	Average	352	4.4	13.5	86.3	948.6
February 1, 2026	Minimum		0.3	6.1	56.3	951.4
	Maximum		5.4	20.1	87.0	955.7
	Average	276	1.9	12.2	70.4	953.8

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.