

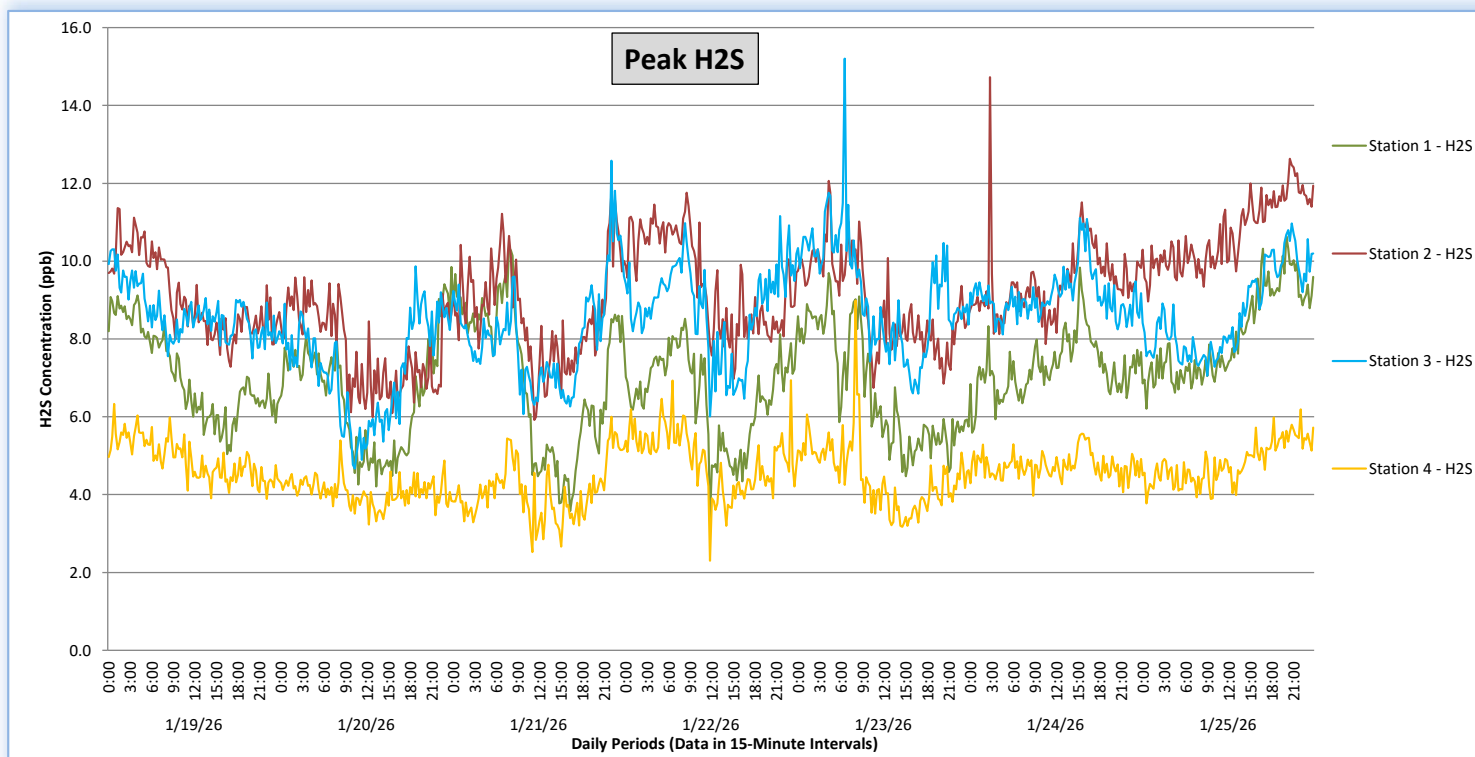
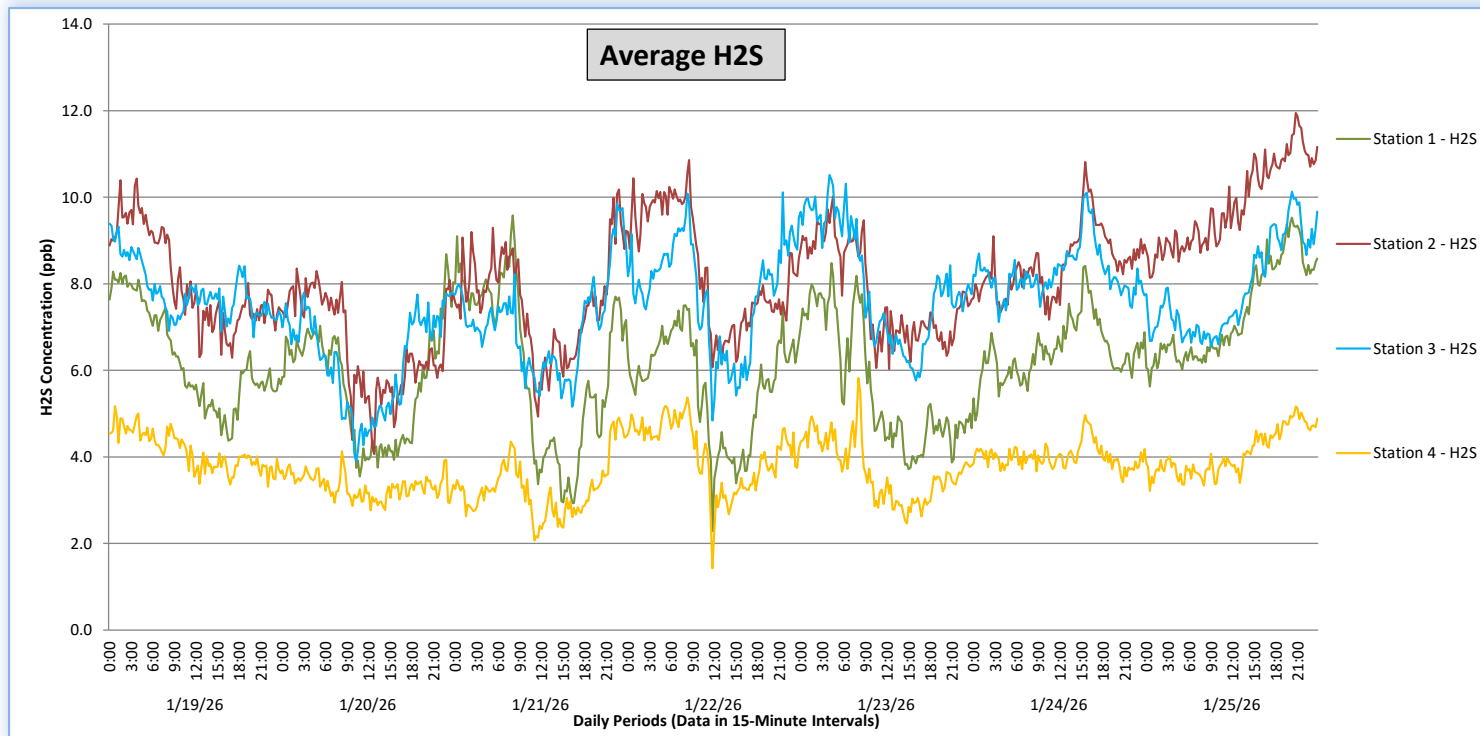


Perimeter Air Monitoring Weekly Report

Real-Time Multigas Monitoring
Bristol Landfill Air Investigation



January 19 - January 25, 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 19, 2026	Minimum	4.4	5.0	6.3	7.3	6.8	7.5	3.3	3.9
	Maximum	8.3	9.1	10.4	11.4	9.4	10.3	5.2	6.3
	Average	6.3	7.1	8.1	9.1	7.8	8.7	4.1	4.9
January 20, 2026	Minimum	3.5	4.2	4.1	6.0	3.9	4.7	2.8	3.2
	Maximum	8.7	9.8	8.4	9.6	7.8	9.9	4.1	5.4
	Average	5.7	6.5	6.6	7.7	6.2	7.2	3.3	4.1
January 21, 2026	Minimum	2.9	3.6	4.9	5.9	5.2	6.1	2.1	2.5
	Maximum	9.6	10.4	10.2	11.8	9.9	12.6	4.9	6.0
	Average	6.1	7.0	7.6	8.7	7.0	8.1	3.3	4.1
January 22, 2026	Minimum	2.3	3.3	6.1	7.0	4.8	6.0	1.4	2.3
	Maximum	7.5	8.5	10.9	11.8	10.1	11.2	5.4	6.9
	Average	5.6	6.5	8.4	9.5	7.8	8.8	4.0	4.9
January 23, 2026	Minimum	3.7	4.5	6.0	6.7	5.8	6.6	2.5	3.2
	Maximum	8.5	9.7	10.0	12.1	10.5	15.2	5.8	9.0
	Average	5.6	6.6	7.8	8.9	8.0	9.1	3.7	4.5
January 24, 2026	Minimum	4.8	5.6	7.2	7.9	7.1	8.1	3.4	4.0
	Maximum	8.4	9.8	10.8	14.7	10.1	11.1	5.0	5.6
	Average	6.5	7.3	8.5	9.4	8.3	9.1	4.0	4.7
January 25, 2026	Minimum	5.6	6.2	8.1	9.0	6.5	7.1	3.2	3.8
	Maximum	9.5	10.6	11.9	12.6	10.1	11.0	5.2	6.2
	Average	7.3	8.1	9.8	10.7	7.9	8.7	4.1	4.8

Notes:

- o Data records with a dash indicate no data is available for that interval.
- o Calibration readings and data produced during periods of sensor downtime and/or maintenance are excluded from the report.
- o The hydrogen sulfide (H₂S) electrochemical sensor is susceptible to interference from other gases, particularly dimethylsulfide (DMS) and dimethyl disulfide (DMSD) or other total reduced sulfurs, which are the same compounds that may be responsible for nuisance odor complaints.
- o The full-scale range of the H₂S 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	Wind Speed	Temperature	Relative Humidity	Barometric Pressure
		degrees	mph	°F	%	mbar
January 19, 2026	Minimum		1.0	21.9	35.5	947.4
	Maximum		8.1	35.2	68.2	954.9
	Average	243	4.4	27.5	52.7	951.1
January 20, 2026	Minimum		0.2	16.0	22.3	954.9
	Maximum		7.5	30.7	54.3	961.3
	Average	249	2.9	23.2	39.6	959.2
January 21, 2026	Minimum		0.7	16.8	28.0	953.0
	Maximum		4.7	51.9	84.3	960.3
	Average	278	0.5	34.1	47.2	956.4
January 22, 2026	Minimum		0.9	30.8	37.2	953.4
	Maximum		5.8	48.4	89.0	955.7
	Average	231	2.4	40.4	68.5	954.4
January 23, 2026	Minimum		0.9	26.7	26.8	954.0
	Maximum		7.2	44.3	78.7	958.4
	Average	6	3.3	34.4	49.7	956.1
January 24, 2026	Minimum		1.8	23.0	43.8	951.6
	Maximum		63.1	32.8	91.0	960.0
	Average	54	1.6	26.6	62.6	957.1
January 25, 2026	Minimum		0.5	26.0	88.8	935.9
	Maximum		91.1	37.8	96.0	951.2
	Average	72	7.5	32.7	93.3	942.3

Notes:

- o Dash/Blank data records indicate no data is available for that interval.
- o Wind direction is a daily (24-hr) average value; with the origin of wind in degrees; clockwise from North calculated with vector averaging.