

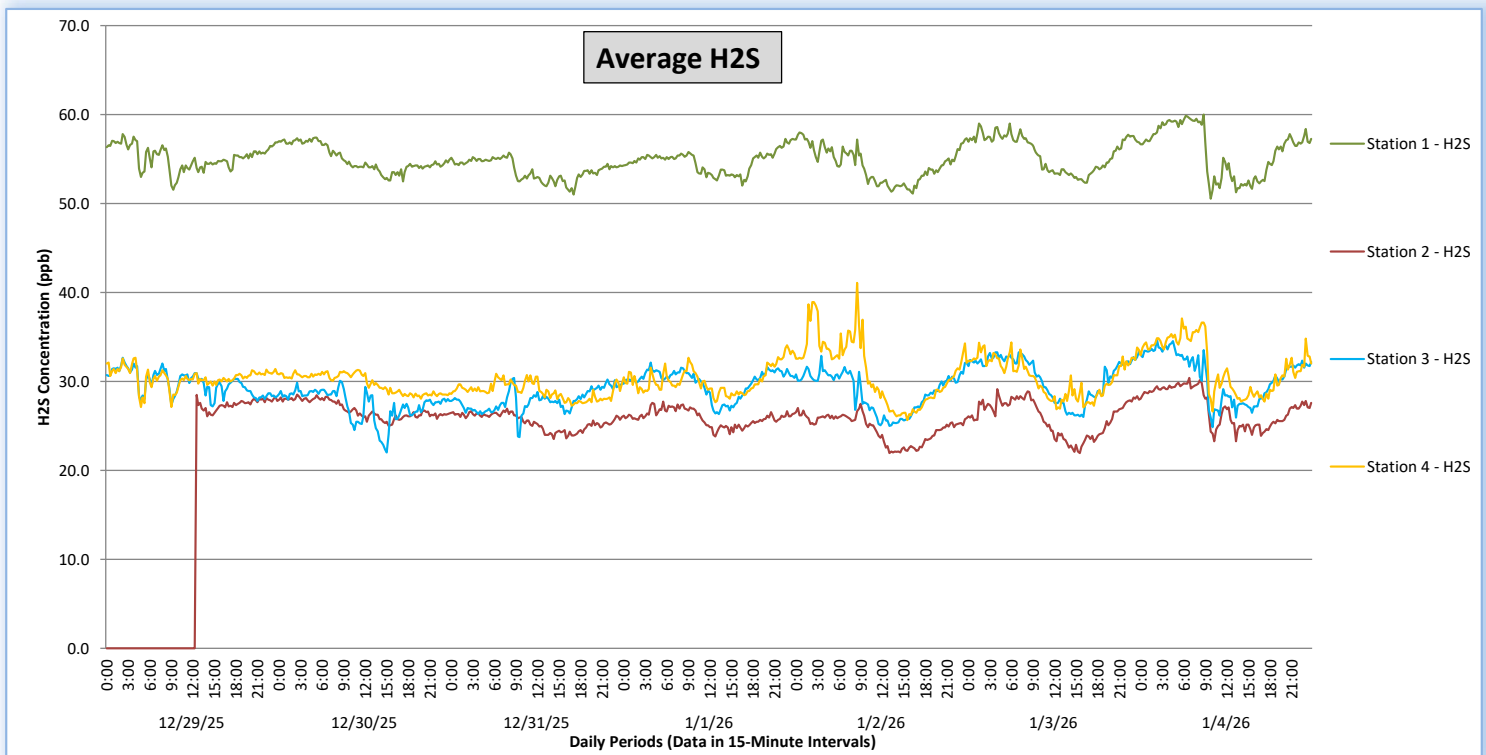
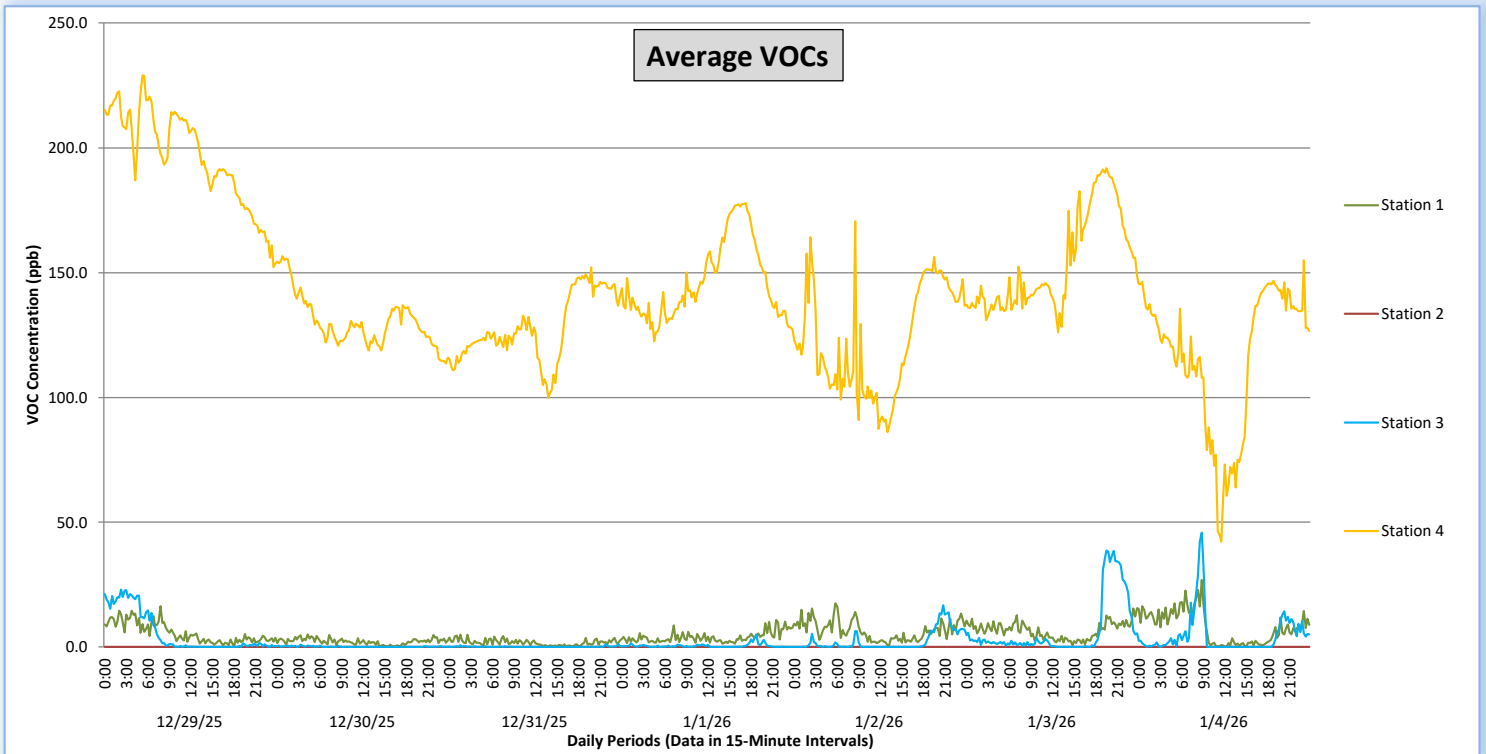


Perimeter Air Monitoring Weekly Report

Real-Time Multigas Monitoring
Bristol Landfill Air Investigation



December 29, 2025 - January 4, 2026



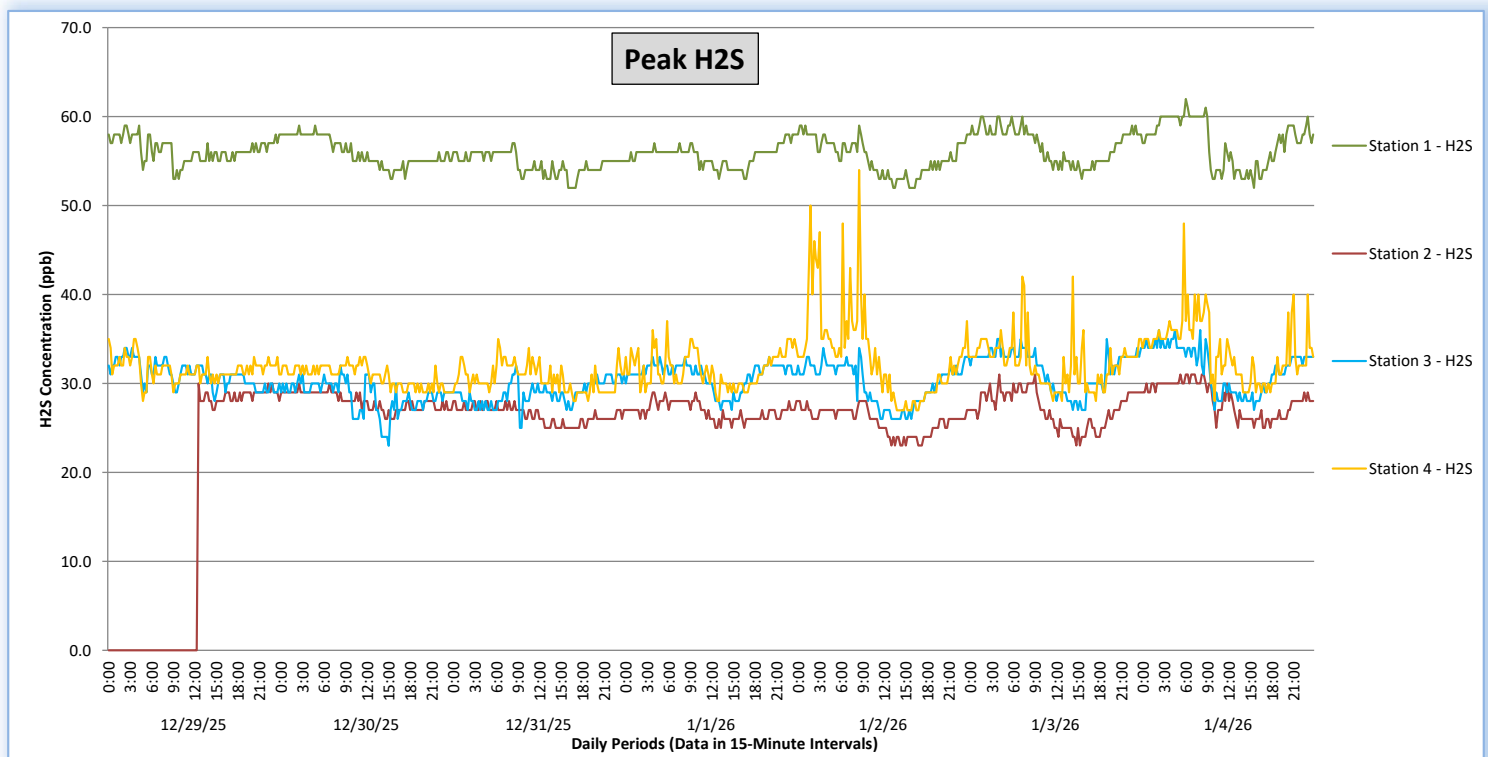
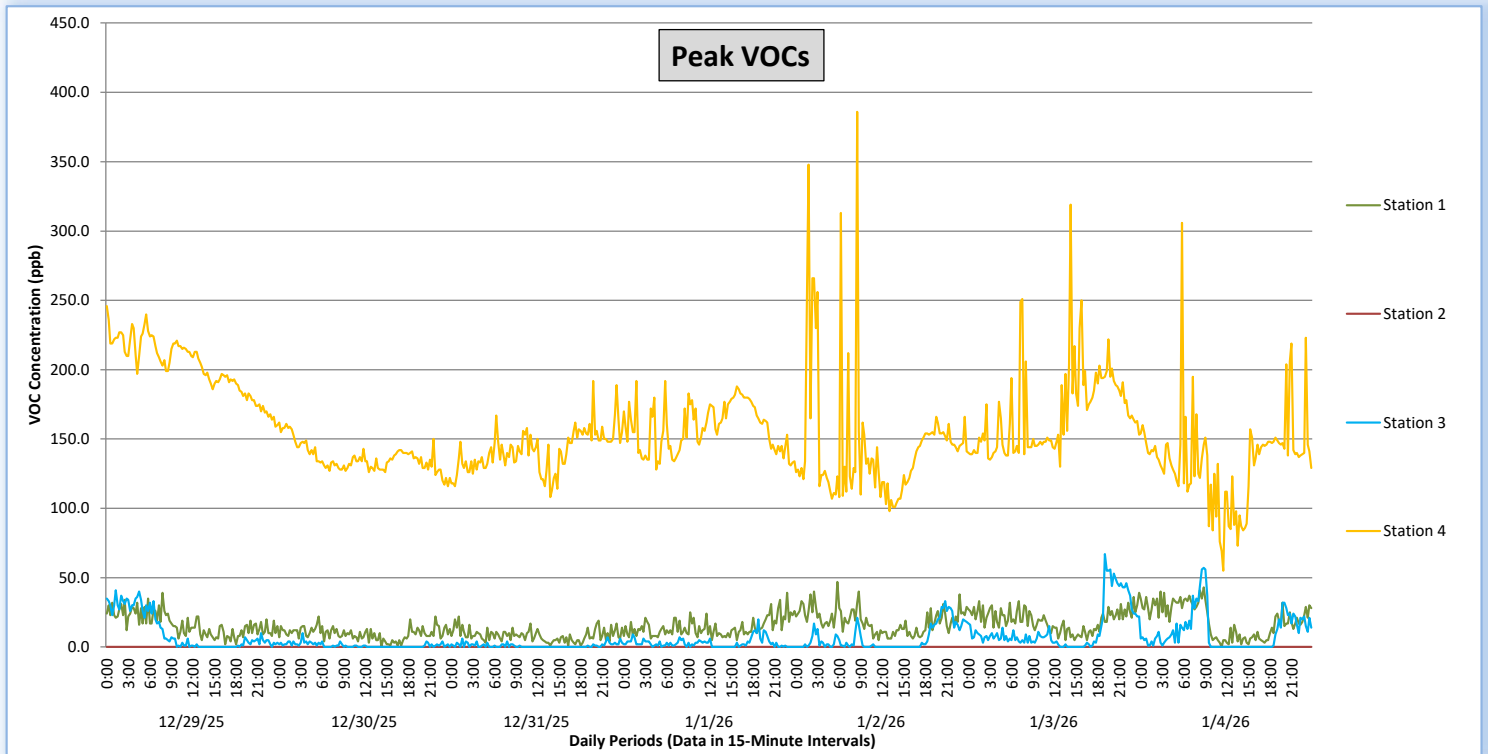


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December 29, 2025 - January 4, 2026

Date	Daily Statistics	Station 1				Station 2				Station 3				Station 4			
		VOCs		H2S		VOCs		H2S		VOCs		H2S		VOCs		H2S	
		Average ppb	Peak ppb	Average ppb	Peak ppb	Average ppb	Peak ppb	Average ppb	Peak ppb	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	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
December 29, 2025	Minimum	0.1	2.0	51.5	53.0	0.0	0.0	26.1	27.0	0.0	0.0	27.2	28.0	152.2	159.0	27.1	28.0
	Maximum	16.3	39.0	57.8	59.0	0.0	0.0	28.5	30.0	23.1	41.0	32.7	34.0	229.1	246.0	32.7	35.0
	Average	5.6	16.5	55.2	56.3	0.0	0.0	27.4	28.6	5.6	11.1	29.8	31.0	196.3	202.1	30.4	31.6
December 30, 2025	Minimum	0.0	0.0	52.5	53.0	0.0	0.0	25.0	26.0	0.0	0.0	22.0	23.0	113.6	116.0	28.1	29.0
	Maximum	5.0	22.0	57.4	59.0	0.0	0.0	28.5	30.0	1.0	10.0	30.1	32.0	156.6	162.0	31.3	33.0
	Average	2.2	9.5	55.0	56.0	0.0	0.0	26.8	28.0	0.1	1.1	27.4	28.6	130.5	136.2	29.8	30.8
December 31, 2025	Minimum	0.1	1.0	51.0	52.0	0.0	0.0	23.5	25.0	0.0	0.0	23.7	25.0	99.8	108.0	27.3	28.0
	Maximum	4.9	22.0	55.7	57.0	0.0	0.0	26.9	28.0	1.3	7.0	30.4	32.0	152.1	192.0	30.9	35.0
	Average	1.8	8.4	53.8	54.7	0.0	0.0	25.4	26.4	0.1	1.0	27.9	28.9	127.8	141.7	28.9	30.6
January 1, 2026	Minimum	1.3	5.0	52.0	53.0	0.0	0.0	23.8	25.0	0.0	0.0	26.3	27.0	122.5	128.0	27.7	28.0
	Maximum	10.9	39.0	57.3	58.0	0.0	0.0	27.7	29.0	5.1	20.0	32.1	33.0	177.9	192.0	34.1	37.0
	Average	4.0	14.1	54.7	55.6	0.0	0.0	25.9	26.9	0.5	2.9	29.9	30.9	146.2	158.4	30.2	31.6
January 2, 2026	Minimum	0.7	5.0	51.1	52.0	0.0	0.0	21.9	23.0	0.0	0.0	25.0	26.0	86.1	98.0	25.7	27.0
	Maximum	17.5	47.0	58.0	59.0	0.0	0.0	27.5	28.0	16.7	33.0	32.9	34.0	170.6	386.0	41.1	54.0
	Average	6.7	18.6	54.4	55.4	0.0	0.0	24.7	25.7	2.4	6.4	28.8	29.9	122.5	145.7	31.1	33.2
January 3, 2026	Minimum	0.7	5.0	52.3	53.0	0.0	0.0	21.9	23.0	0.0	0.0	26.0	27.0	126.1	130.0	26.9	28.0
	Maximum	15.6	39.0	59.0	60.0	0.0	0.0	29.1	31.0	38.6	67.0	33.3	35.0	191.9	319.0	34.4	42.0
	Average	6.6	19.4	55.7	56.8	0.0	0.0	25.9	27.1	6.7	13.3	30.5	31.6	153.6	169.1	30.5	32.3
January 4, 2026	Minimum	0.0	0.0	50.5	52.0	0.0	0.0	23.3	25.0	0.0	0.0	24.9	27.0	42.3	55.0	26.6	28.0
	Maximum	26.8	43.0	60.0	62.0	0.0	0.0	30.4	31.0	45.9	57.0	34.7	36.0	155.0	306.0	37.1	48.0
	Average	8.0	19.5	55.9	57.1	0.0	0.0	27.1	28.2	4.7	10.7	30.6	31.7	116.0	134.2	31.8	33.7

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 10.6 electron volt (eV) photoionization detector (PID) sensor can detect volatile organic compounds common to landfill gas, such as aromatics (benzene), which have ionization potentials below 10.6 eV.
- o The hydrogen sulfide (H2S) electrochemical sensor measures in the 0-1000 ppb range, though readings below the 10-ppb minimum detection limit are considered estimates. It is important to note that the 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.
- o Station 2 experienced intermittent power loss during the following periods: 12/29/2025 from 0000 to 1230.



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December 29, 2025 - January 4, 2026

Date	Daily Statistics	Bristol Met Station 1				
		Wind Direction	Wind Speed	Temperature	Relative Humidity	Barometric Pressure
		degrees	mph	°F	%	mbar
December 29, 2025	Minimum		1.0	23.8	46.1	936.8
	Maximum		11.0	61.4	89.0	951.0
	Average	257	6.2	39.7	66.0	943.9
December 30, 2025	Minimum		1.6	20.0	45.9	948.8
	Maximum		7.2	30.0	69.1	952.6
	Average	261	4.2	24.4	58.8	950.3
December 31, 2025	Minimum		2.5	24.5	40.0	944.9
	Maximum		7.0	40.2	60.0	949.3
	Average	233	4.1	31.0	52.0	947.2
January 1, 2026	Minimum		0.3	30.8	54.1	943.9
	Maximum		6.5	44.7	80.7	947.1
	Average	240	2.4	36.9	65.2	945.2
January 2, 2026	Minimum		0.3	31.4	48.5	941.5
	Maximum		6.5	54.3	85.7	943.8
	Average	245	1.3	43.3	66.6	942.7
January 3, 2026	Minimum		0.4	39.3	50.8	942.8
	Maximum		5.1	55.1	78.3	945.6
	Average	35	1.6	46.5	67.0	943.7
January 4, 2026	Minimum		0.1	31.5	33.1	945.7
	Maximum		3.9	50.4	93.4	952.6
	Average	306	0.3	40.1	67.6	950.2

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.