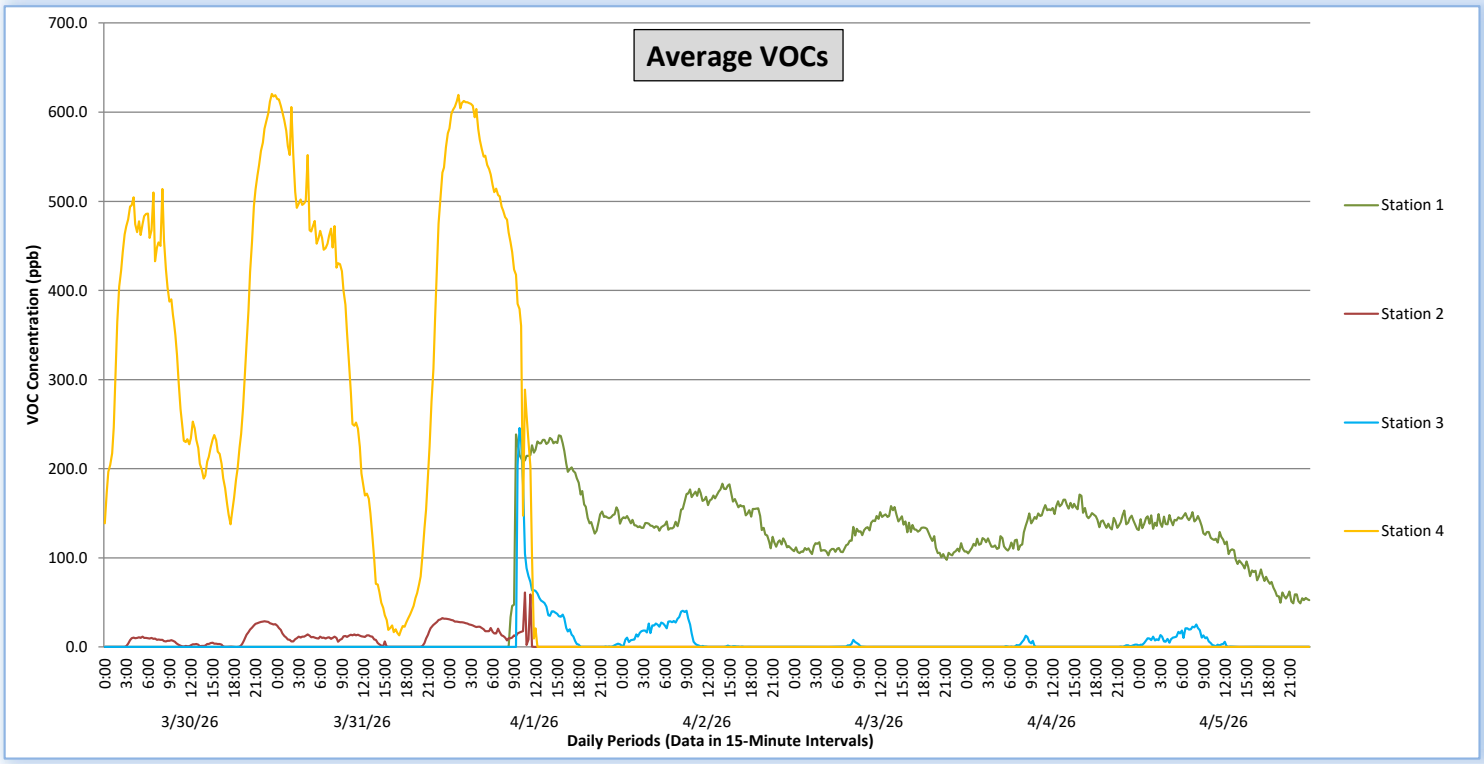
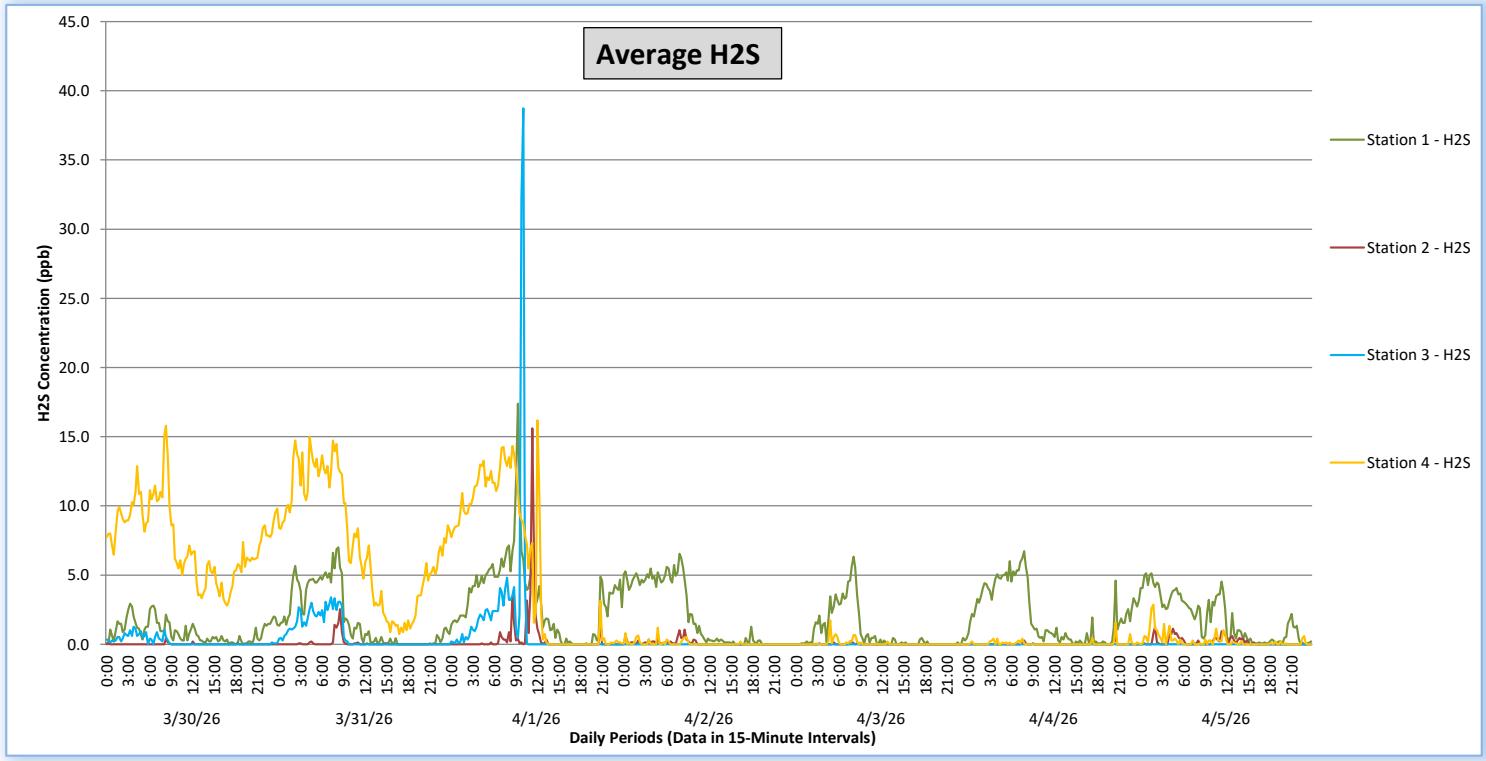
Perimeter Air Monitoring Weekly Report

Real-Time Multigas Monitoring

Bristol Landfill Air Investigation

March 30 - April 05, 2026





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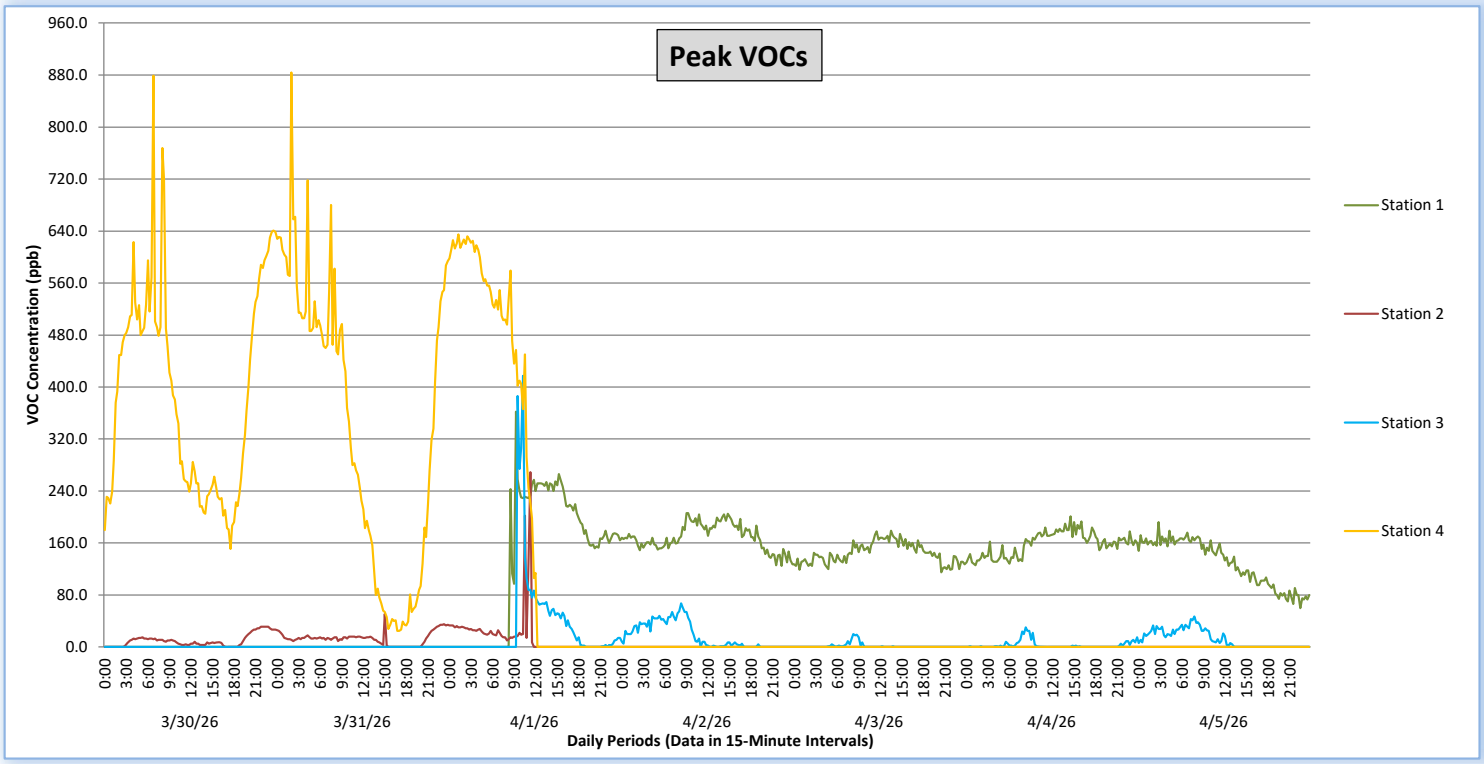

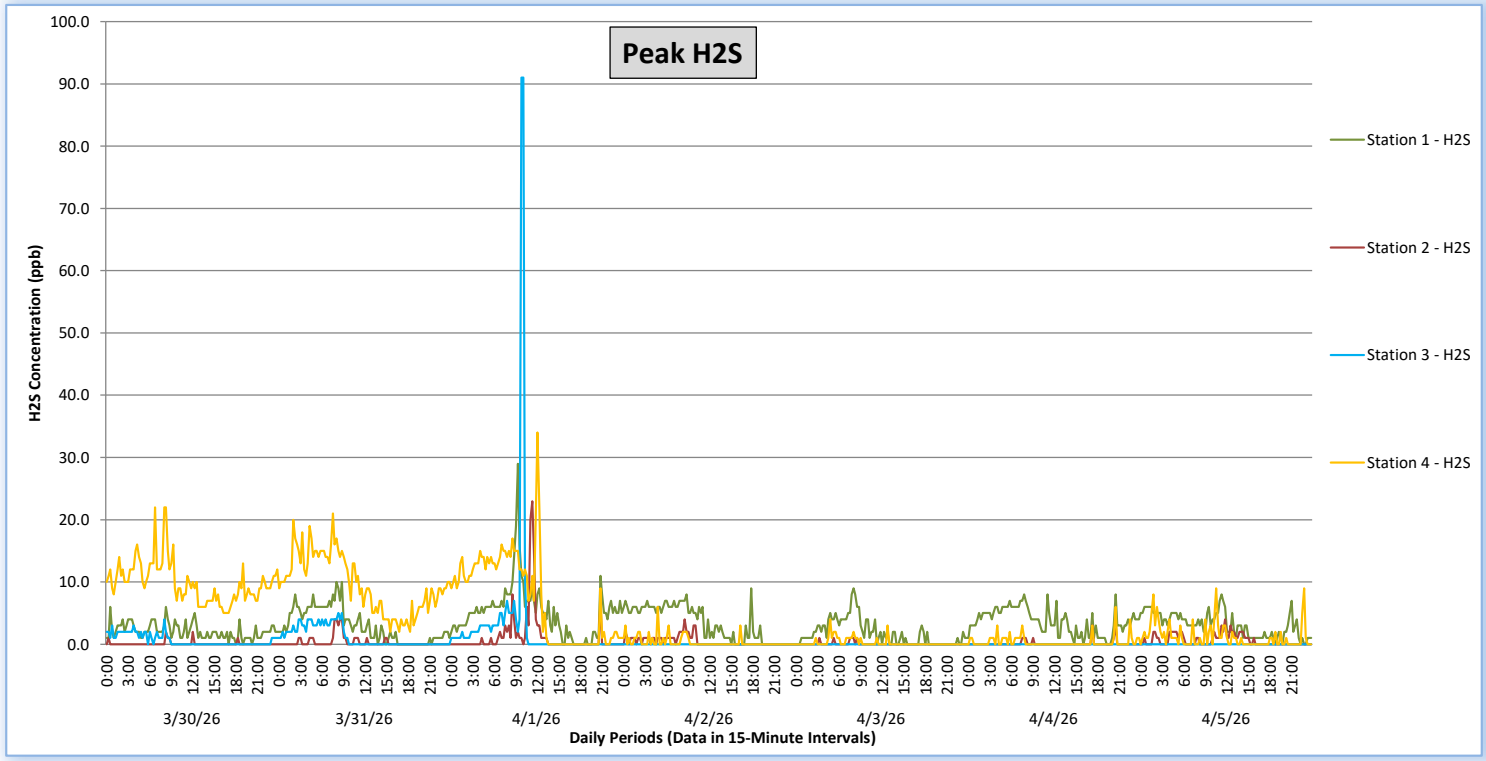

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Date	Daily Statistics	Station 1				Station 2				Station 3				Station 4			
		VOCs		H2S		VOCs		H2S		VOCs		H2S		VOCs		H2S	
		Average ppb	Peak ppb	Average ppb	Peak ppb	Average ppb	Peak ppb	Average ppb	Peak ppb	Average ppb	Peak ppb	Average ppb	Peak ppb	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
March 30, 2026	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	137.7	151.0	2.8	5.0
	Maximum	0.0	0.0	2.9	6.0	28.9	31.0	0.4	2.0	0.0	0.0	1.3	4.0	620.3	879.0	15.8	22.0
	Average	0.0	0.0	0.9	2.1	7.7	9.8	0.0	0.1	0.0	0.0	0.2	0.7	354.2	391.1	7.4	9.9
March 31, 2026	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	12.9	25.0	0.7	2.0
	Maximum	0.0	0.0	7.0	10.0	32.6	51.0	2.5	4.0	0.0	0.0	3.4	5.0	614.9	884.0	15.0	21.0
	Average	0.0	0.0	1.8	3.0	10.4	13.1	0.1	0.3	0.0	0.0	0.7	1.2	303.7	336.1	7.3	9.6
April 1, 2026	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	0.0	0.0	0.0	0.0
	Maximum	238.3	362.0	17.4	29.0	61.0	269.0	15.6	23.0	245.5	417.0	38.7	91.0	619.4	635.0	16.2	34.0
	Average	118.7	135.5	3.3	5.2	10.2	16.6	0.5	1.3	22.8	33.6	1.5	3.2	241.7	258.8	5.6	7.3
April 2, 2026	Minimum	109.1	125.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Maximum	183.3	206.0	6.5	9.0	0.0	0.0	1.1	4.0	40.9	67.0	0.0	0.0	0.0	0.0	1.2	6.0
	Average	146.9	169.1	2.0	3.3	0.0	0.0	0.1	0.5	9.3	17.2	0.0	0.0	0.0	0.0	0.1	0.4
April 3, 2026	Minimum	97.9	115.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Maximum	158.1	179.0	6.3	9.0	0.0	0.0	0.2	1.0	8.1	20.0	0.0	0.0	0.0	0.0	1.7	4.0
	Average	122.5	144.6	0.9	1.8	0.0	0.0	0.0	0.1	0.3	1.3	0.0	0.0	0.0	0.0	0.1	0.3
April 4, 2026	Minimum	105.1	126.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Maximum	171.1	201.0	6.7	8.0	0.0	0.0	0.6	3.0	12.8	30.0	0.0	0.0	0.0	0.0	1.6	6.0
	Average	136.8	158.6	2.1	3.6	0.0	0.0	0.0	0.1	0.8	3.1	0.0	0.0	0.0	0.0	0.1	0.4
April 5, 2026	Minimum	48.8	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Maximum	151.3	192.0	5.1	8.0	0.0	0.0	1.3	4.0	25.3	47.0	0.0	0.0	0.0	0.0	2.9	9.0
	Average	106.4	129.2	1.9	3.1	0.0	0.0	0.2	0.6	5.3	12.1	0.0	0.0	0.0	0.0	0.2	1.2

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 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.
- The hydrogen sulfide (H2S) 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 H2S electrochemical sensor is 1,000 ppb, resulting in an effective range between 10 ppb and 1000 ppb (MDL 1% of full scale). Readings outside of the effective range of the sensor are qualitative, not quantitative.
- The full-scale range of the VOC electrochemical sensor is 10,000 ppb, resulting in an effective range between 100 ppb and 10,000 ppb (MDL 1% of full scale). Readings outside of the effective range of the sensor are qualitative, not quantitative.
- Monthly sensor rotations and field calibrations were conducted 04/01/2026 during the following time frames: Station 1 (0830–0930), Station 2 (1030–1130), Station 3 (0930–1030), and Station 4 (1130–1215). Although this data is included for transparency, the recorded values obtained during these intervals are not representative of actual ambient air concentrations.

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March 30 - April 05, 2026

Date	Daily Statistics	Bristol Met Station 1				
		Wind Direction degrees	Wind Speed mph	Temperature °F	Relative Humidity %	Barometric Pressure mbar
March 30, 2026	Minimum		0.6	51.0	30.6	955.3
	Maximum		6.1	70.8	68.0	960.4
	Average	229	2.0	59.6	56.0	957.8
March 31, 2026	Minimum		0.3	57.0	39.7	952.2
	Maximum		7.6	78.3	75.3	957.1
	Average	237	2.4	66.4	59.5	954.7
April 1, 2026	Minimum		0.1	56.4	41.4	951.2
	Maximum		7.1	80.8	80.9	955.8
	Average	232	1.5	67.3	62.8	953.5
April 2, 2026	Minimum		0.8	55.8	38.3	952.8
	Maximum		8.0	81.1	86.9	956.4
	Average	136	0.2	68.1	63.3	954.2
April 3, 2026	Minimum		0.2	57.6	36.7	954.8
	Maximum		5.2	78.1	74.4	958.1
	Average	203	1.3	70.0	53.2	956.2
April 4, 2026	Minimum		0.1	56.1	41.6	950.7
	Maximum		6.5	80.2	85.9	956.5
	Average	213	0.8	67.5	66.3	953.7
April 5, 2026	Minimum		0.1	48.5	49.0	948.2
	Maximum		7.2	63.8	94.0	954.6
	Average	269	2.4	57.9	73.8	950.2

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.