

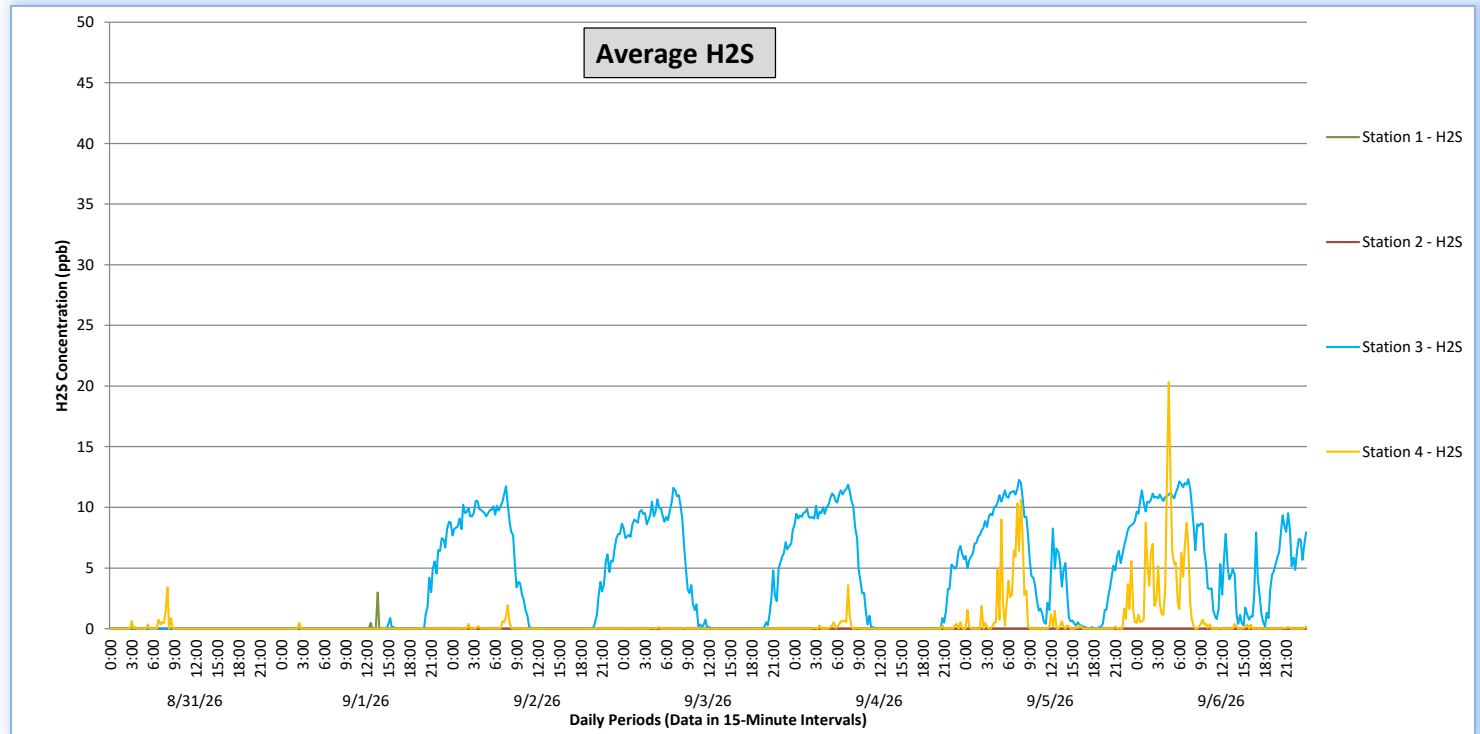
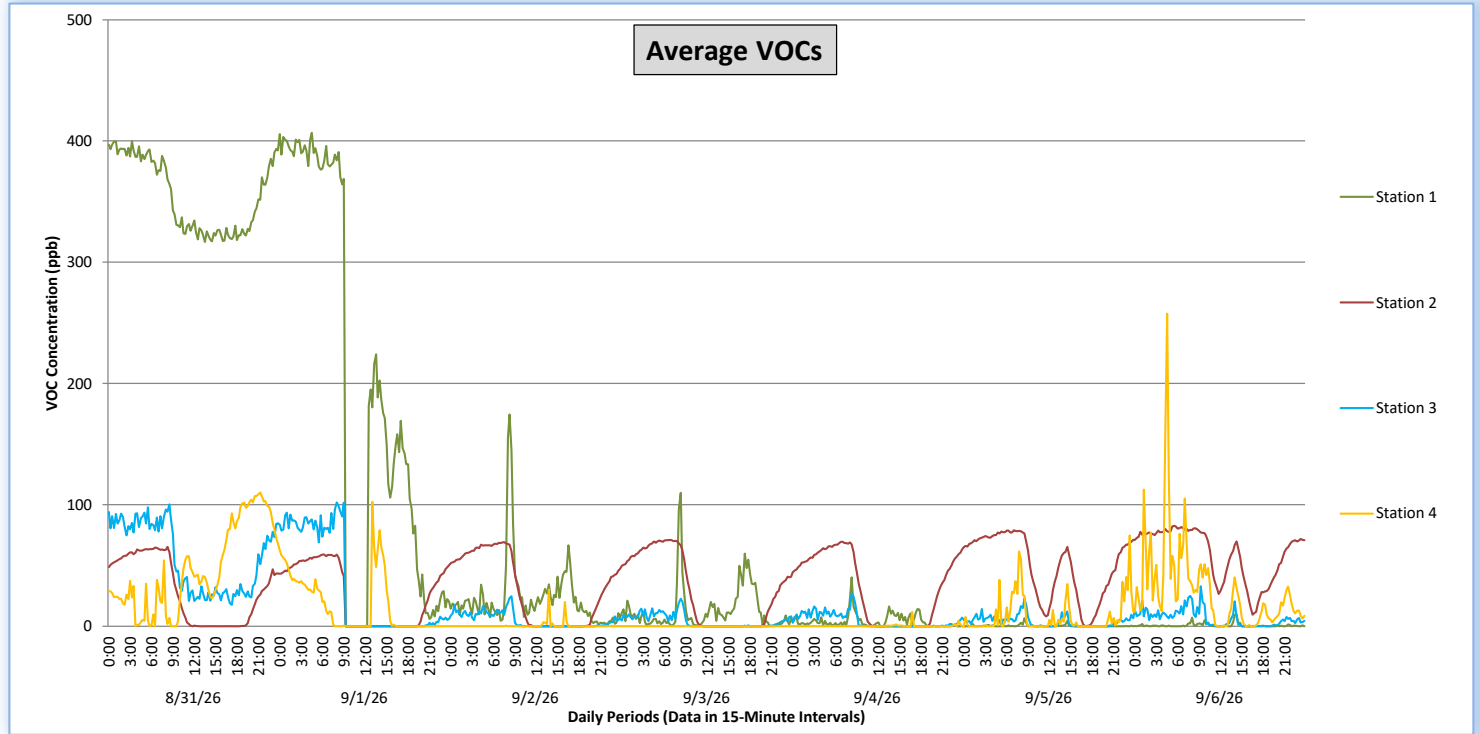
Perimeter Air Monitoring Weekly Report



Real-Time Multigas Monitoring
Bristol Landfill Air Investigation



August 31 - September 06, 2026



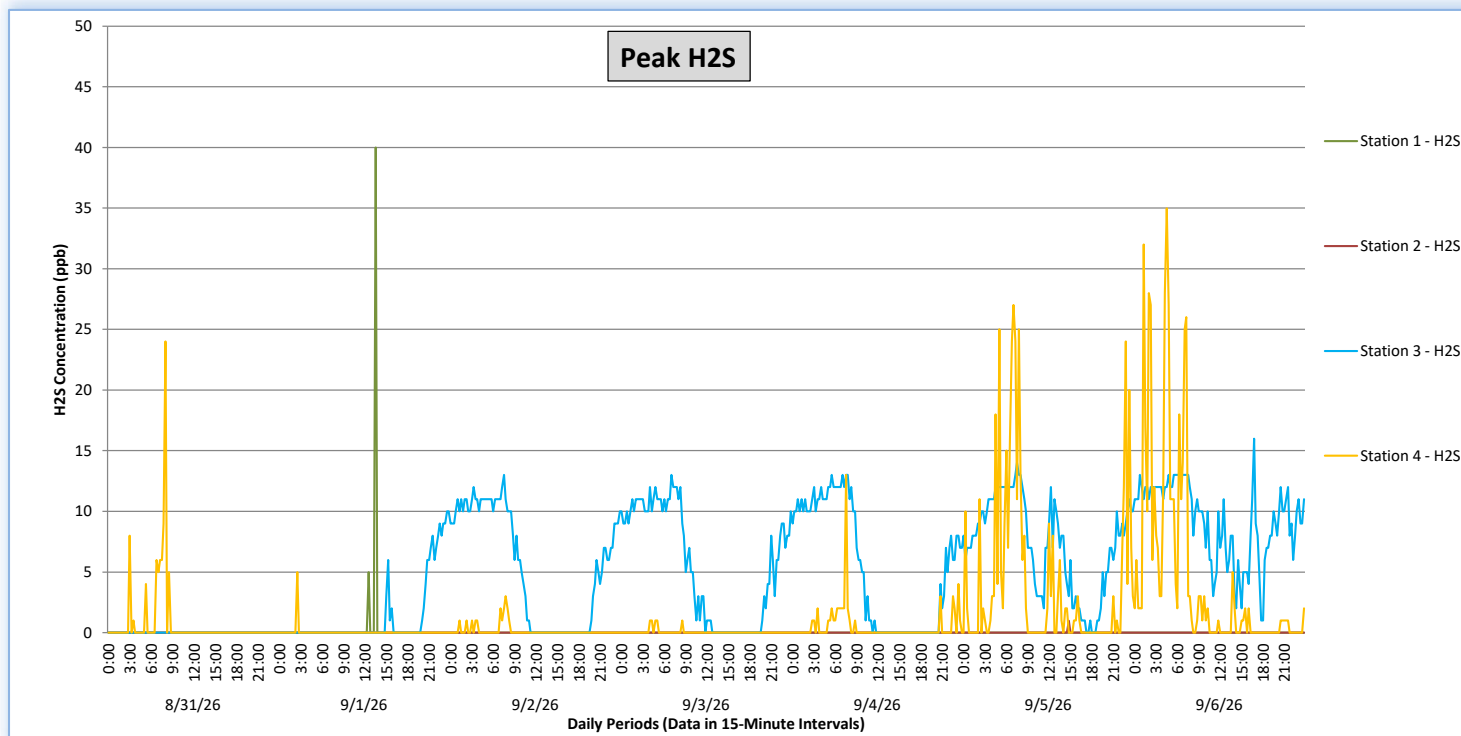
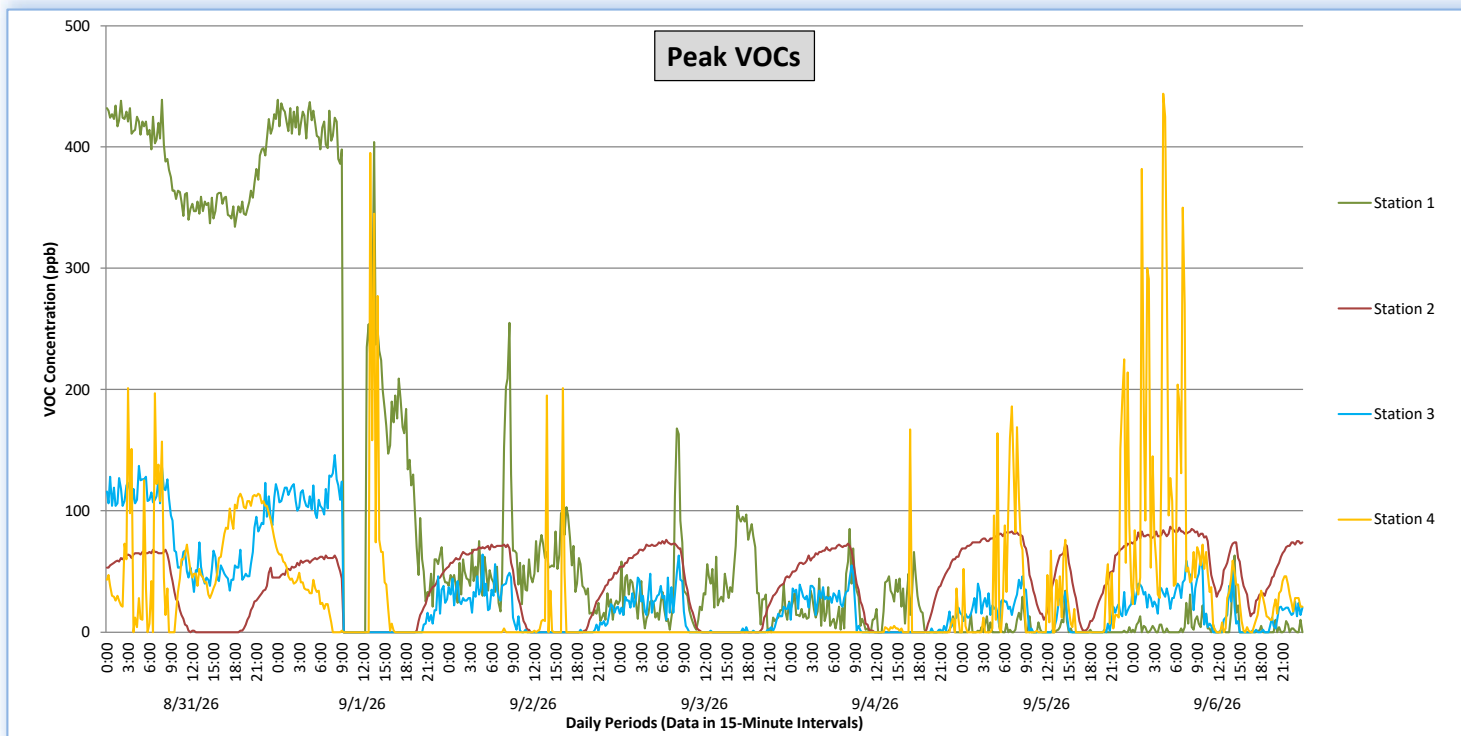
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Date	Daily Statistics	Station 1				Station 2				Station 3				Station 4			
		VOCs		H2S		VOCs		H2S		VOCs		H2S		VOCs		H2S	
		Average ppb	Peak ppb	Average ppb	Peak ppb	Average ppb	Peak ppb	Average ppb	Peak ppb	Average ppb	Peak ppb	Average ppb	Peak ppb	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
August 31, 2026	Minimum	316.8	334.0	0.0	0.0	0.0	0.0	0.0	0.0	17.5	33.0	0.0	0.0	0.0	0.0	0.0	0.0
	Maximum	399.9	439.0	0.0	0.0	65.2	68.0	0.0	0.0	100.3	137.0	0.0	0.0	110.1	201.0	3.4	24.0
	Average	355.0	383.3	0.0	0.0	29.5	31.7	0.0	0.0	56.1	82.7	0.0	0.0	46.9	65.4	0.1	0.8
September 1, 2026	Minimum	5.9	21.0	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	406.8	439.0	3.0	40.0	58.9	63.0	0.0	0.0	102.0	146.0	8.8	10.0	102.3	395.0	0.5	5.0
	Average	227.3	262.8	0.0	0.5	30.0	32.0	0.0	0.0	38.9	53.8	1.0	1.5	19.4	33.3	0.0	0.1
September 2, 2026	Minimum	1.1	9.0	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	174.4	255.0	0.0	0.0	69.1	72.0	0.0	0.0	24.7	64.0	11.7	13.0	30.1	201.0	1.9	3.0
	Average	23.2	53.8	0.0	0.0	30.6	33.0	0.0	0.0	4.9	14.8	4.6	5.5	0.7	5.4	0.1	0.2
September 3, 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	109.9	168.0	0.0	0.0	71.0	76.0	0.0	0.0	22.6	63.0	11.6	13.0	0.0	0.0	0.1	1.0
	Average	13.6	37.3	0.0	0.0	30.2	32.4	0.0	0.0	4.3	12.9	4.4	5.5	0.0	0.0	0.0	0.1
September 4, 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	40.1	85.0	0.0	0.0	69.3	73.0	0.0	0.0	26.9	55.0	11.9	13.0	11.7	167.0	3.6	13.0
	Average	4.2	18.9	0.0	0.0	32.9	35.4	0.0	0.0	4.6	13.4	4.6	5.6	0.3	2.8	0.1	0.5
September 5, 2026	Minimum	0.0	0.0	0.0	0.0	0.1	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Maximum	6.3	34.0	0.0	0.0	78.9	83.0	0.1	1.0	22.7	46.0	12.3	14.0	74.6	225.0	10.6	27.0
	Average	0.3	2.5	0.0	0.0	49.5	53.3	0.0	0.0	3.9	13.4	5.5	7.2	8.2	33.8	1.1	4.1
September 6, 2026	Minimum	0.0	0.0	0.0	0.0	9.3	13.0	0.0	0.0	0.0	0.0	0.2	1.0	0.0	0.0	0.0	0.0
	Maximum	9.5	63.0	0.0	0.0	82.9	87.0	0.0	0.0	32.8	62.0	12.3	16.0	257.7	444.0	20.3	35.0
	Average	0.7	4.7	0.0	0.0	59.7	63.6	0.0	0.0	6.6	19.9	6.7	9.2	29.3	68.3	1.6	4.6

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 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 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.
- o 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.
- o The y-axis scales vary between the average and peak graphs to accommodate all recorded data points. Please review the specific y-axis maximum and gridline increments on each chart before comparing data across different stations or reporting periods.
- o The monitoring stations were offline on 09/01/2026 from 0915 through 1230 EDT for scheduled monthly sensor calibrations. Observed results during this window are associated with calibration activities, are not representative of actual ambient conditions, and have been excluded from all data averages and visual representations.



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August 31 - September 06, 2026

Date	Daily Statistics	Bristol Met Station 1				
		Wind Direction	Wind Speed	Temperature	Relative Humidity	Barometric Pressure
		degrees	mph	°F	%	mbar
August 31, 2026	Minimum		0.4	66.4	47.3	952.6
	Maximum		4.0	87.5	93.0	955.2
	Average	354	0.6	76.6	73.9	953.8
September 1, 2026	Minimum		0.2	66.5	49.4	951.8
	Maximum		3.4	89.8	93.1	954.8
	Average	311	0.4	77.6	74.1	953.2
September 2, 2026	Minimum		0.5	67.7	42.2	951.5
	Maximum		3.5	91.5	93.0	954.5
	Average	12	0.4	78.8	72.2	952.9
September 3, 2026	Minimum		0.3	67.6	38.9	949.6
	Maximum		3.5	93.9	92.0	953.2
	Average	31	0.8	80.1	70.1	951.6
September 4, 2026	Minimum		0.3	69.1	53.3	948.5
	Maximum		3.2	89.9	92.0	951.9
	Average	29	1.0	74.6	81.6	950.7
September 5, 2026	Minimum		0.2	67.6	61.6	945.9
	Maximum		4.4	83.2	92.0	950.2
	Average	257	0.2	74.0	81.0	947.9
September 6, 2026	Minimum		0.3	67.5	69.8	945.7
	Maximum		3.7	80.6	94.0	948.3
	Average	4	0.5	71.5	87.8	946.8

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.