

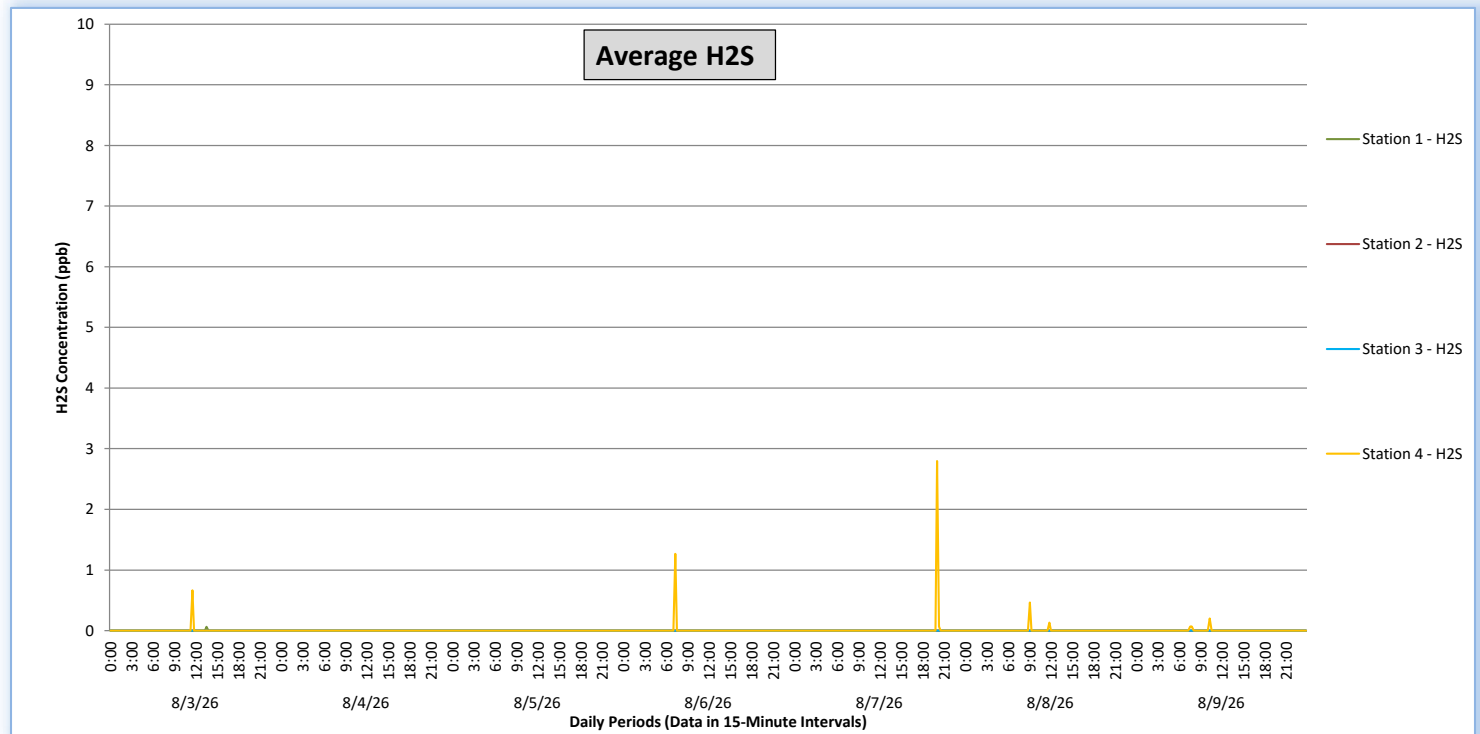
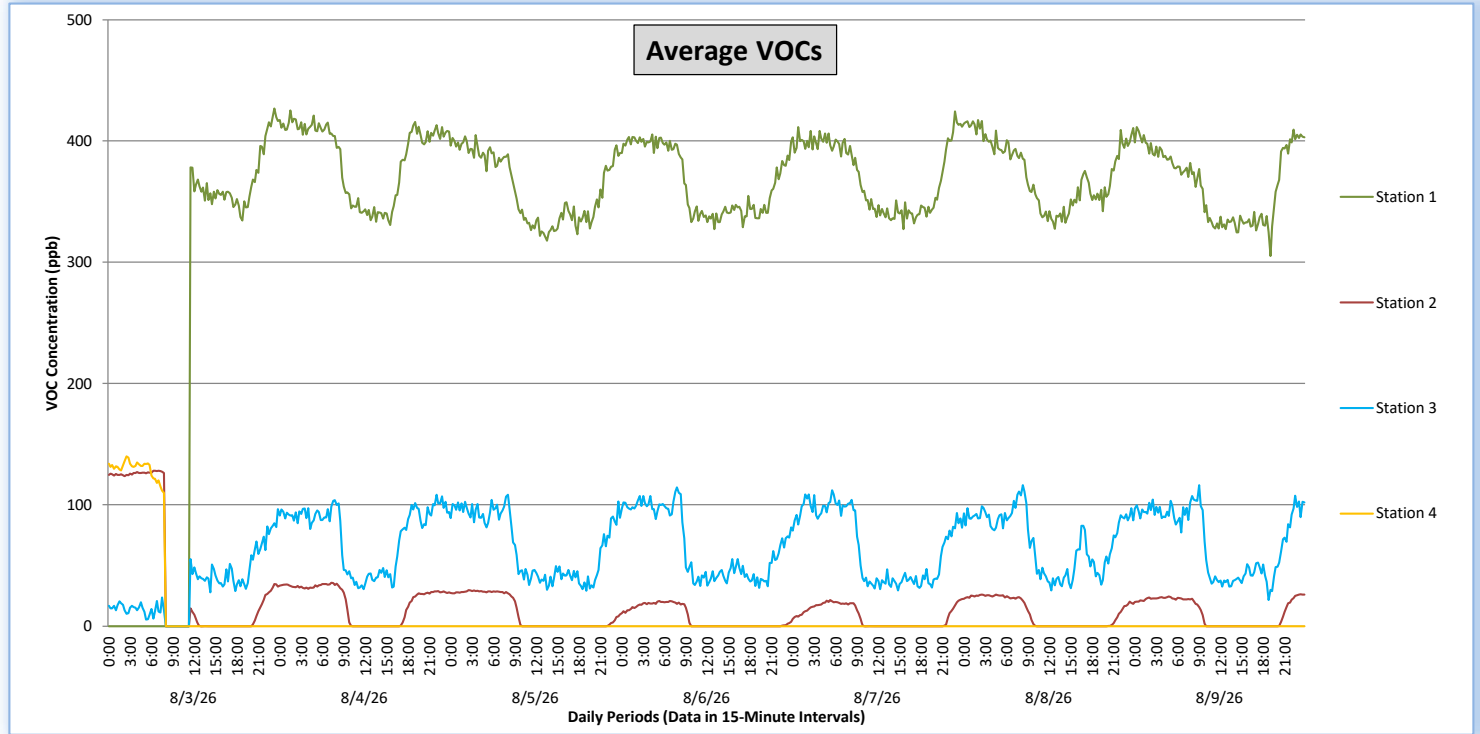


Perimeter Air Monitoring Weekly Report

Real-Time Multigas Monitoring
Bristol Landfill Air Investigation



August 03 - August 09, 2026



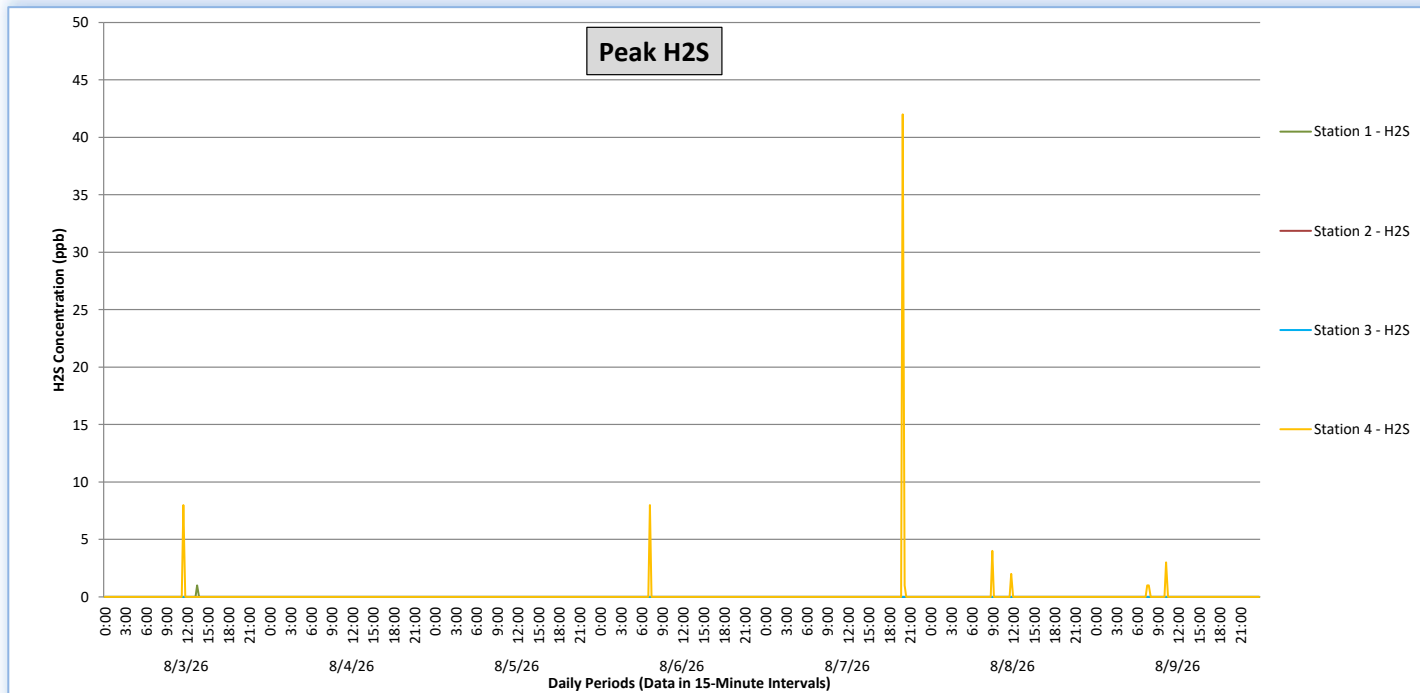
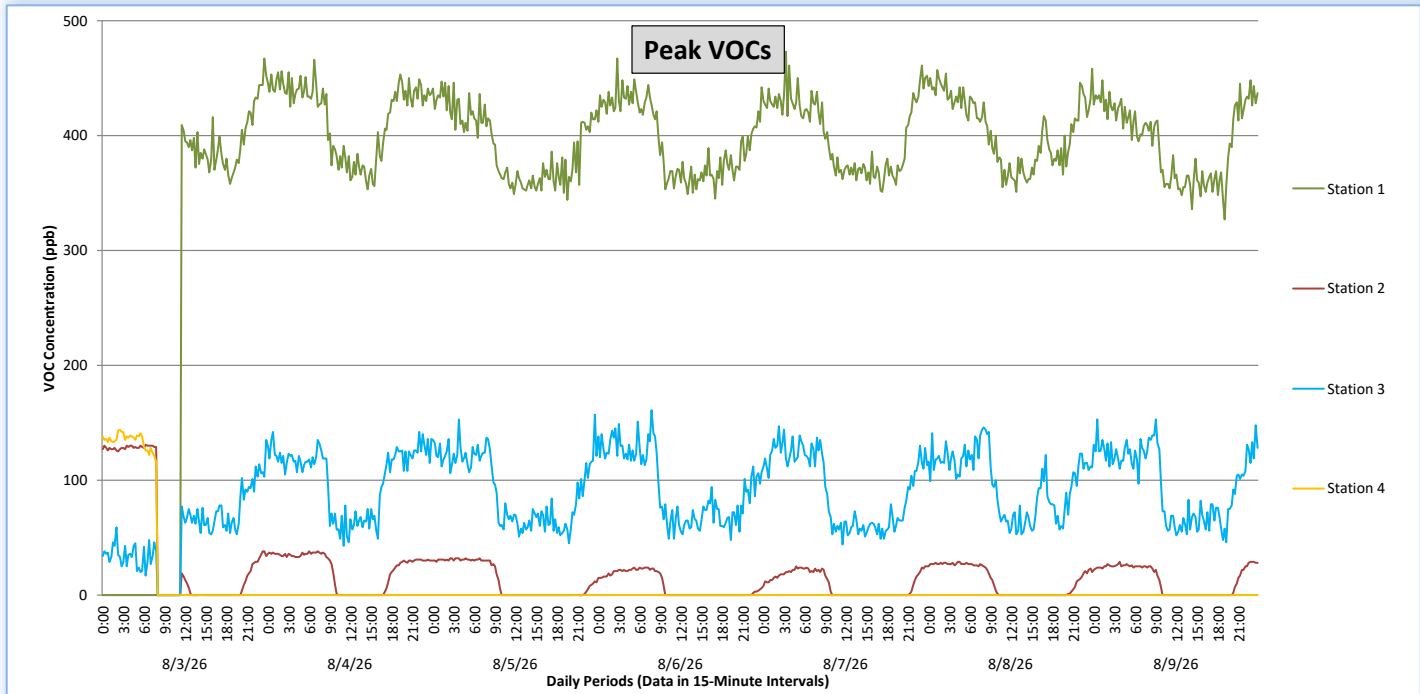


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August 03 - August 09, 2026

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
August 3, 2026	Minimum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2	17.0	0.0	0.0	0.0	0.0	0.0	0.0
	Maximum	426.8	467.0	0.1	1.0	128.1	131.0	0.0	0.0	96.4	135.0	0.0	0.0	139.9	144.0	0.7	8.0
	Average	224.7	241.8	0.0	0.0	53.6	55.5	0.0	0.0	36.0	60.0	0.0	0.0	50.4	52.4	0.0	0.1
August 4, 2026	Minimum	330.6	353.0	0.0	0.0	0.0	0.0	0.0	0.0	30.5	43.0	0.0	0.0	0.0	0.0	0.0	0.0
	Maximum	425.1	466.0	0.0	0.0	35.8	38.0	0.0	0.0	108.1	142.0	0.0	0.0	0.0	0.0	0.0	0.0
	Average	385.9	416.4	0.0	0.0	19.8	21.7	0.0	0.0	75.2	102.2	0.0	0.0	0.0	0.0	0.0	0.0
August 5, 2026	Minimum	317.9	344.0	0.0	0.0	0.0	0.0	0.0	0.0	29.2	45.0	0.0	0.0	0.0	0.0	0.0	0.0
	Maximum	404.8	447.0	0.0	0.0	29.7	32.0	0.0	0.0	108.1	157.0	0.0	0.0	0.0	0.0	0.0	0.0
	Average	361.1	390.5	0.0	0.0	11.3	12.7	0.0	0.0	65.7	91.9	0.0	0.0	0.0	0.0	0.0	0.0
August 6, 2026	Minimum	327.3	345.0	0.0	0.0	0.0	0.0	0.0	0.0	31.5	48.0	0.0	0.0	0.0	0.0	0.0	0.0
	Maximum	405.4	467.0	0.0	0.0	20.7	24.0	0.0	0.0	114.3	161.0	0.0	0.0	0.0	0.0	1.3	8.0
	Average	366.4	395.4	0.0	0.0	7.0	8.4	0.0	0.0	66.1	93.8	0.0	0.0	0.0	0.0	0.0	0.1
August 7, 2026	Minimum	327.2	351.0	0.0	0.0	0.0	0.0	0.0	0.0	29.5	44.0	0.0	0.0	0.0	0.0	0.0	0.0
	Maximum	424.4	473.0	0.0	0.0	22.3	25.0	0.0	0.0	112.0	147.0	0.0	0.0	0.0	0.0	2.8	42.0
	Average	372.2	401.0	0.0	0.0	7.9	9.5	0.0	0.0	66.0	91.3	0.0	0.0	0.0	0.0	0.0	0.4
August 8, 2026	Minimum	327.4	351.0	0.0	0.0	0.0	0.0	0.0	0.0	29.5	53.0	0.0	0.0	0.0	0.0	0.0	0.0
	Maximum	417.3	458.0	0.0	0.0	25.8	29.0	0.0	0.0	116.3	146.0	0.0	0.0	0.0	0.0	0.5	4.0
	Average	374.5	404.5	0.0	0.0	10.9	12.4	0.0	0.0	70.7	97.4	0.0	0.0	0.0	0.0	0.0	0.1
August 9, 2026	Minimum	305.2	327.0	0.0	0.0	0.0	0.0	0.0	0.0	21.3	46.0	0.0	0.0	0.0	0.0	0.0	0.0
	Maximum	411.4	448.0	0.0	0.0	26.1	29.0	0.0	0.0	116.1	153.0	0.0	0.0	0.0	0.0	0.2	3.0
	Average	364.5	394.1	0.0	0.0	11.6	13.2	0.0	0.0	70.1	97.7	0.0	0.0	0.0	0.0	0.0	0.1

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 monitoring stations were offline on 08/03/2026 from 0800 through 1130 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.
- 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.



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August 03 - August 09, 2026

Date	Daily Statistics	Bristol Met Station 1				
		Wind Direction degrees	Wind Speed mph	Temperature °F	Relative Humidity %	Barometric Pressure mbar
August 3, 2026	Minimum		0.1	68.0	60.0	942.6
	Maximum		8.3	81.8	94.0	948.3
	Average	29	2.4	73.4	80.0	945.2
August 4, 2026	Minimum		1.6	66.8	75.6	948.0
	Maximum		5.5	75.5	90.0	949.7
	Average	35	3.7	70.0	83.9	948.6
August 5, 2026	Minimum		1.3	70.8	80.8	953.3
	Maximum		2.1	73.7	87.6	953.8
	Average	81	0.8	72.2	84.7	953.5
August 6, 2026	Minimum		1.0	67.2	56.3	953.5
	Maximum		4.4	85.5	93.0	956.4
	Average	253	0.5	75.8	76.4	954.8
August 7, 2026	Minimum		1.1	67.9	56.8	954.0
	Maximum		5.8	85.1	92.0	957.2
	Average	233	1.5	78.5	69.7	955.4
August 8, 2026	Minimum		0.6	65.6	65.4	952.7
	Maximum		4.3	82.1	94.0	956.0
	Average	247	0.8	71.7	85.4	954.4
August 9, 2026	Minimum		0.7	65.6	57.5	951.8
	Maximum		7.1	86.2	94.0	955.1
	Average	173	0.3	72.8	81.6	953.8

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.