

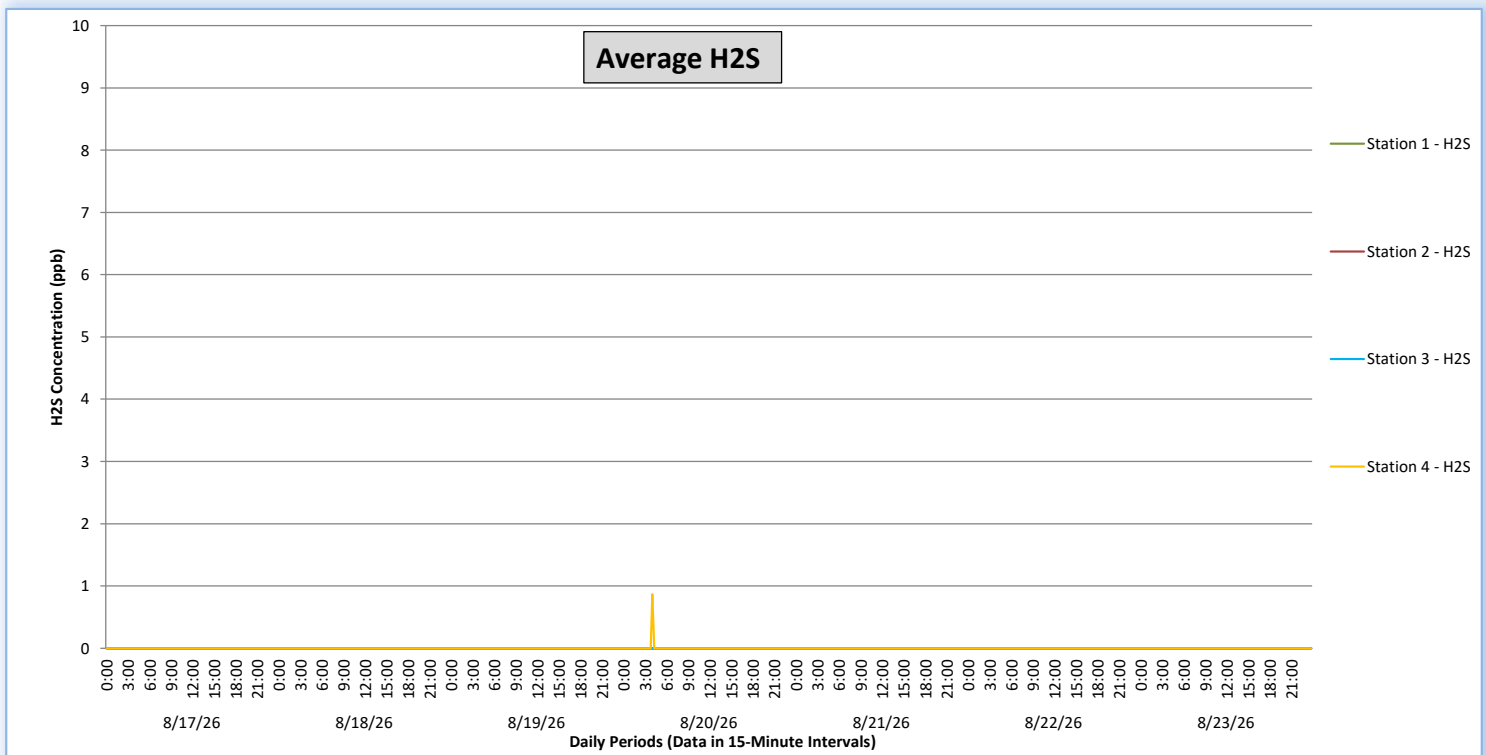
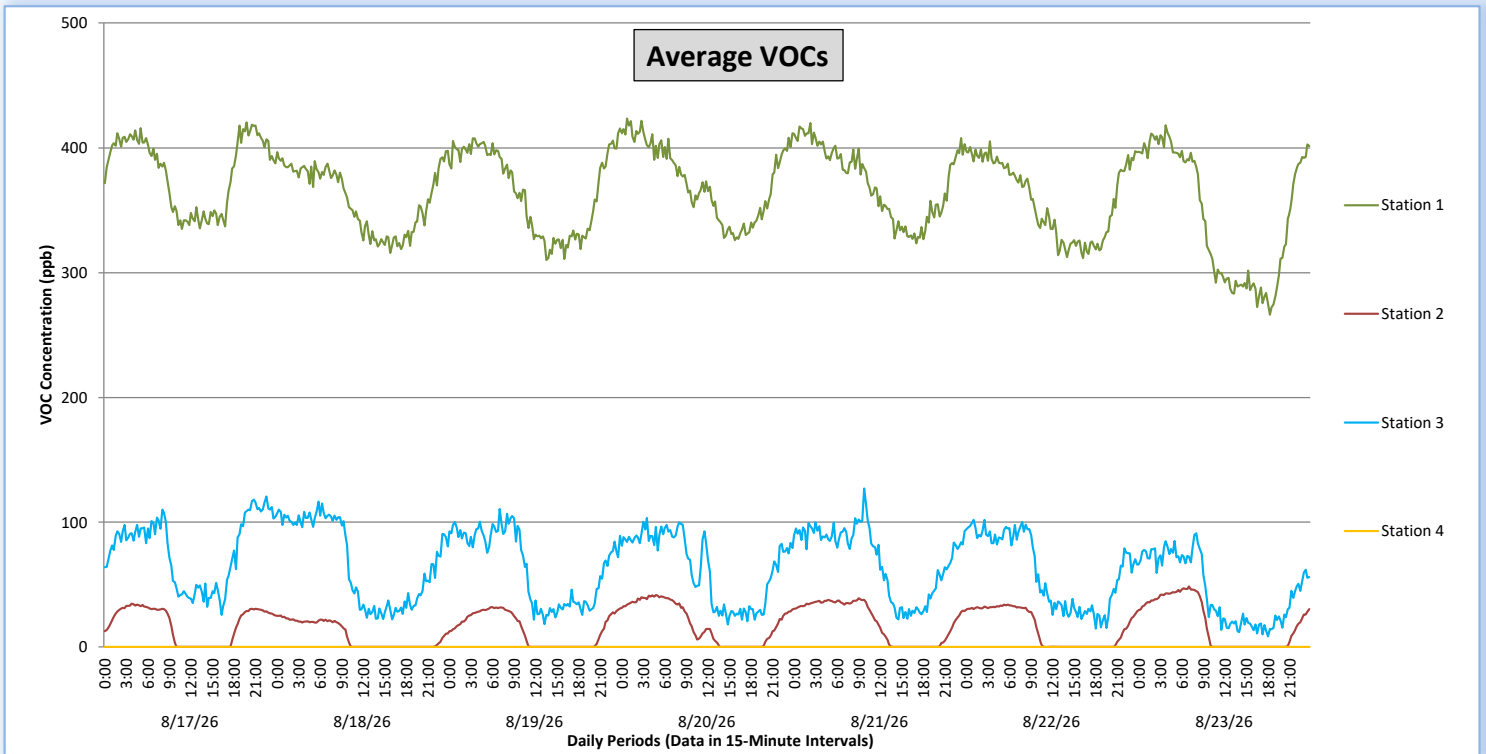


Perimeter Air Monitoring Weekly Report

Real-Time Multigas Monitoring
Bristol Landfill Air Investigation



August 17 - August 23, 2026



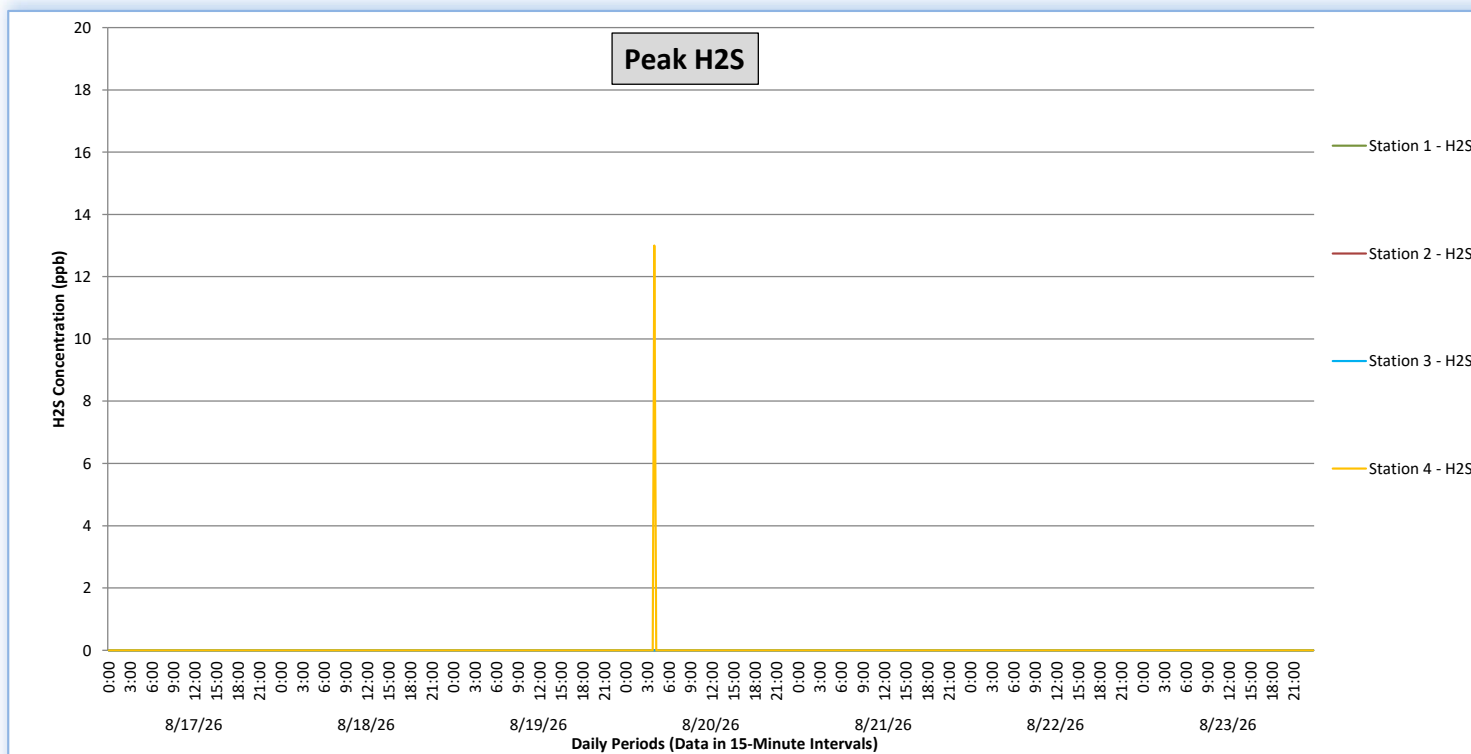
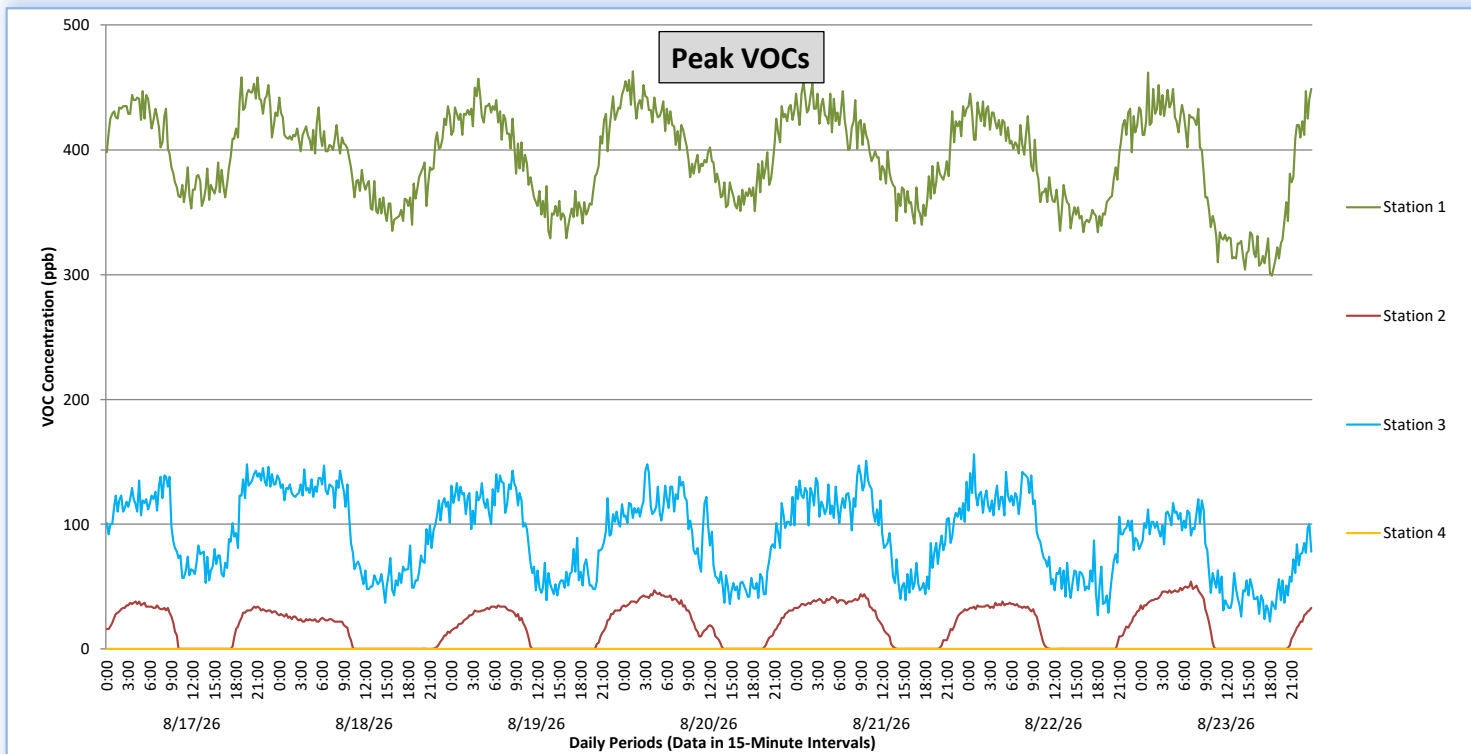


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Date	Daily Statistics	Station 1				Station 2				Station 3				Station 4			
		VOCs		H2S		VOCs		H2S		VOCs		H2S		VOCs		H2S	
		Average ppb	Peak ppb	Average ppb	Peak ppb	Average ppb	Peak ppb	Average ppb	Peak ppb	Average ppb	Peak ppb	Average ppb	Peak ppb	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 17, 2026	Minimum	335.0	353.0	0.0	0.0	0.0	0.0	0.0	0.0	25.8	53.0	0.0	0.0	0.0	0.0	0.0	0.0
	Maximum	420.3	458.0	0.0	0.0	34.7	38.0	0.0	0.0	120.7	148.0	0.0	0.0	0.0	0.0	0.0	0.0
	Average	381.2	409.7	0.0	0.0	18.1	20.1	0.0	0.0	77.2	104.4	0.0	0.0	0.0	0.0	0.0	0.0
August 18, 2026	Minimum	315.8	335.0	0.0	0.0	0.0	0.0	0.0	0.0	22.1	37.0	0.0	0.0	0.0	0.0	0.0	0.0
	Maximum	397.7	442.0	0.0	0.0	25.2	28.0	0.0	0.0	116.5	147.0	0.0	0.0	0.0	0.0	0.0	0.0
	Average	358.8	387.8	0.0	0.0	9.1	10.5	0.0	0.0	67.7	94.7	0.0	0.0	0.0	0.0	0.0	0.0
August 19, 2026	Minimum	310.3	329.0	0.0	0.0	0.0	0.0	0.0	0.0	18.3	39.0	0.0	0.0	0.0	0.0	0.0	0.0
	Maximum	415.6	457.0	0.0	0.0	31.9	35.0	0.0	0.0	110.6	143.0	0.0	0.0	0.0	0.0	0.0	0.0
	Average	365.7	394.3	0.0	0.0	14.0	15.7	0.0	0.0	64.1	91.5	0.0	0.0	0.0	0.0	0.0	0.0
August 20, 2026	Minimum	326.0	351.0	0.0	0.0	0.0	0.0	0.0	0.0	18.1	36.0	0.0	0.0	0.0	0.0	0.0	0.0
	Maximum	423.5	463.0	0.0	0.0	41.6	47.0	0.0	0.0	103.5	148.0	0.0	0.0	0.0	0.0	0.9	13.0
	Average	373.7	402.4	0.0	0.0	19.3	21.7	0.0	0.0	63.4	89.1	0.0	0.0	0.0	0.0	0.0	0.1
August 21, 2026	Minimum	323.4	340.0	0.0	0.0	0.0	0.0	0.0	0.0	22.3	39.0	0.0	0.0	0.0	0.0	0.0	0.0
	Maximum	420.0	454.0	0.0	0.0	39.1	44.0	0.0	0.0	127.1	151.0	0.0	0.0	0.0	0.0	0.0	0.0
	Average	372.8	400.9	0.0	0.0	20.0	22.2	0.0	0.0	69.9	98.1	0.0	0.0	0.0	0.0	0.0	0.0
August 22, 2026	Minimum	311.7	334.0	0.0	0.0	0.0	0.0	0.0	0.0	14.7	27.0	0.0	0.0	0.0	0.0	0.0	0.0
	Maximum	405.4	445.0	0.0	0.0	34.1	38.0	0.0	0.0	102.0	156.0	0.0	0.0	0.0	0.0	0.0	0.0
	Average	358.6	387.8	0.0	0.0	15.1	16.8	0.0	0.0	60.7	88.7	0.0	0.0	0.0	0.0	0.0	0.0
August 23, 2026	Minimum	266.2	299.0	0.0	0.0	0.0	0.0	0.0	0.0	8.7	22.0	0.0	0.0	0.0	0.0	0.0	0.0
	Maximum	418.0	462.0	0.0	0.0	48.7	54.0	0.0	0.0	91.1	120.0	0.0	0.0	0.0	0.0	0.0	0.0
	Average	344.6	375.4	0.0	0.0	18.6	20.3	0.0	0.0	45.3	70.4	0.0	0.0	0.0	0.0	0.0	0.0

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.



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August 17 - August 23, 2026

Date	Daily Statistics	Bristol Met Station 1				
		Wind Direction	Wind Speed	Temperature	Relative Humidity	Barometric Pressure
		degrees	mph	°F	%	mbar
August 17, 2026	Minimum		0.5	66.4	61.7	947.6
	Maximum		61.7	86.8	95.0	952.0
	Average	141	1.1	72.6	86.0	949.6
August 18, 2026	Minimum		0.3	68.9	54.8	948.1
	Maximum		63.9	84.5	95.0	950.4
	Average	184	5.5	74.8	81.5	949.1
August 19, 2026	Minimum		0.3	65.7	46.6	948.7
	Maximum		4.3	84.3	94.0	950.9
	Average	261	0.6	73.9	77.2	949.7
August 20, 2026	Minimum		0.3	66.4	57.6	948.0
	Maximum		5.0	82.5	90.9	952.7
	Average	259	0.9	73.2	78.9	949.9
August 21, 2026	Minimum		0.0	66.1	58.9	948.2
	Maximum		6.2	83.3	92.4	952.0
	Average	11	0.6	71.9	83.3	950.1
August 22, 2026	Minimum		0.4	66.1	56.1	946.3
	Maximum		4.8	82.8	94.0	950.1
	Average	256	1.4	73.5	78.9	948.4
August 23, 2026	Minimum		0.1	63.1	43.4	947.9
	Maximum		5.6	80.4	92.3	950.6
	Average	287	1.6	70.7	67.9	949.0

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.