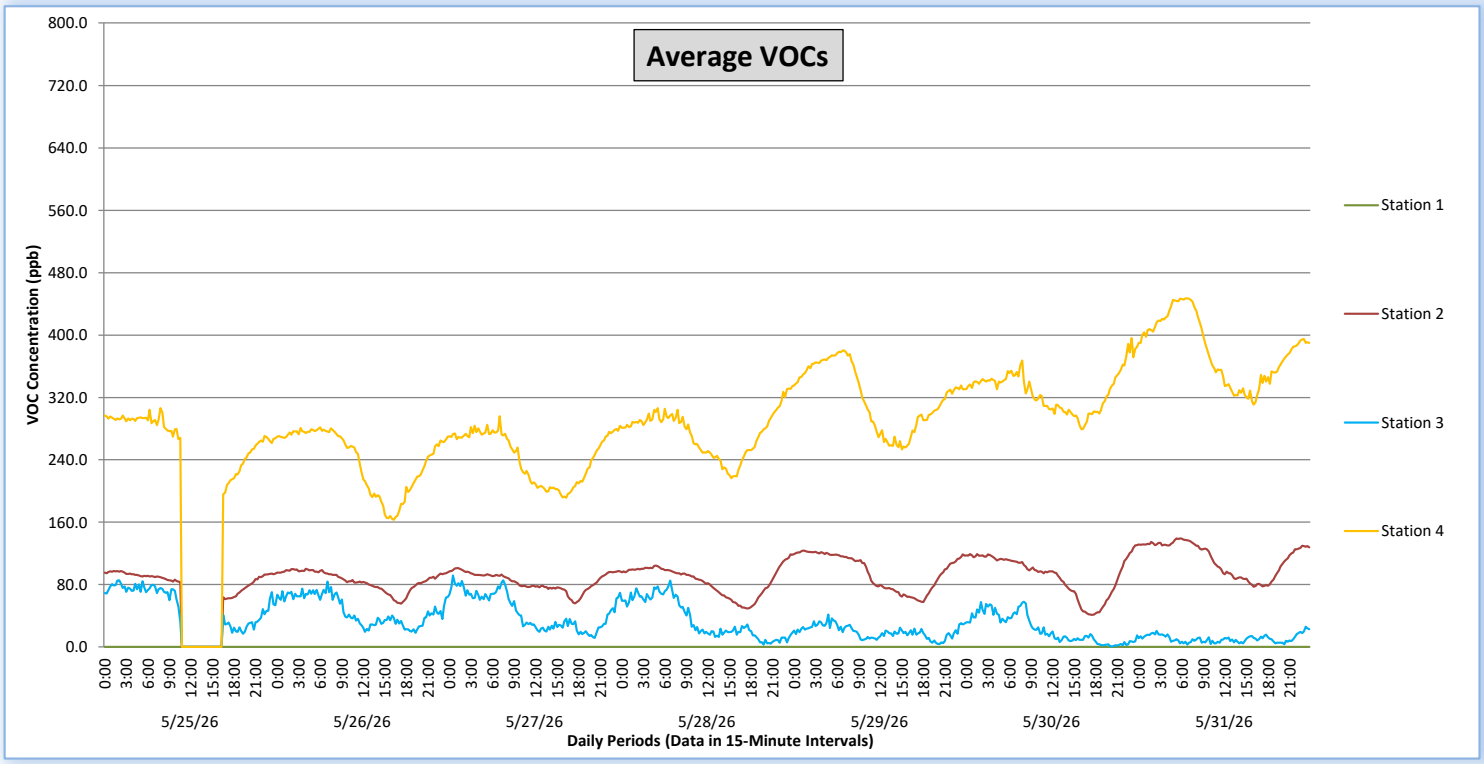
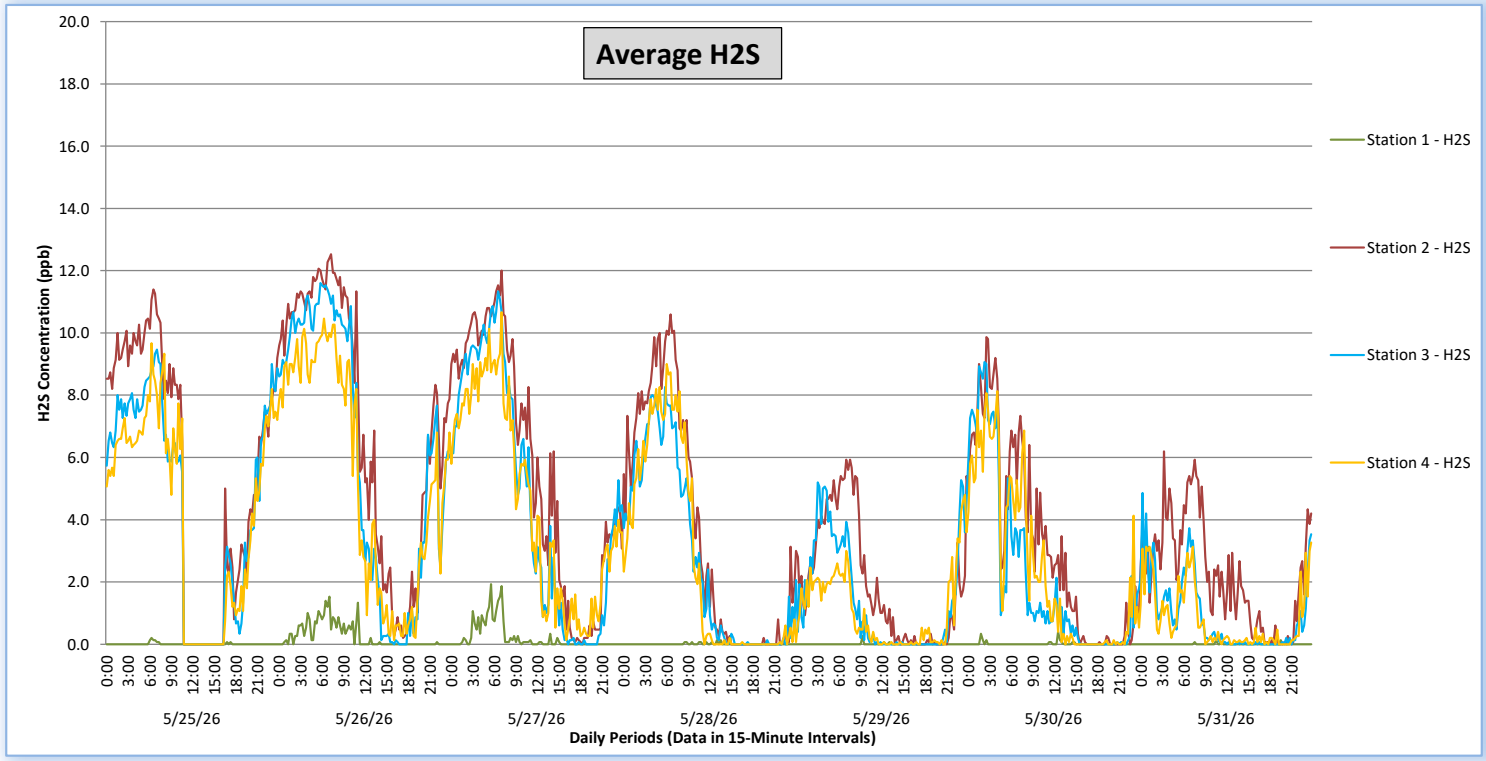
Perimeter Air Monitoring Weekly Report

Real-Time Multigas Monitoring

Bristol Landfill Air Investigation

May 25 - May 31, 2026





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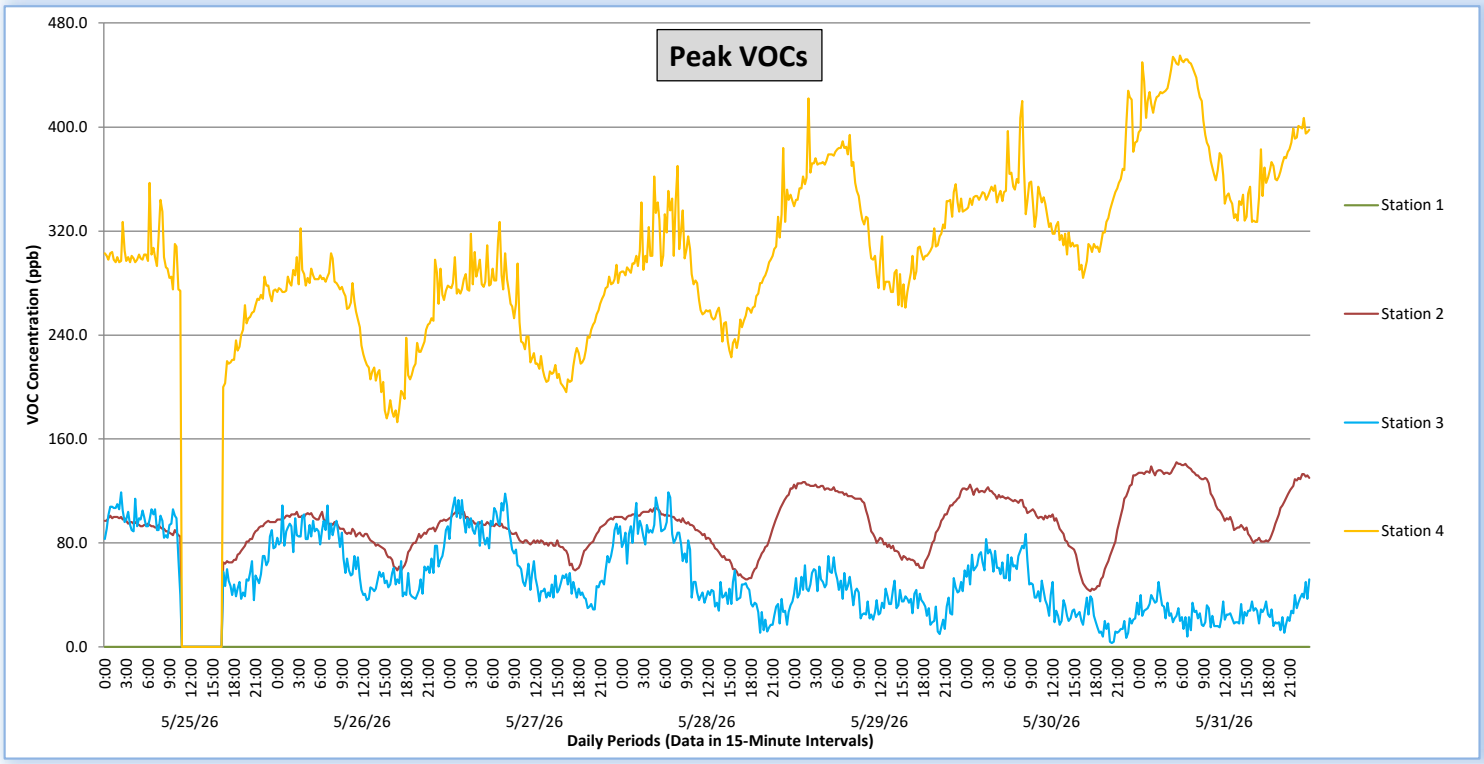

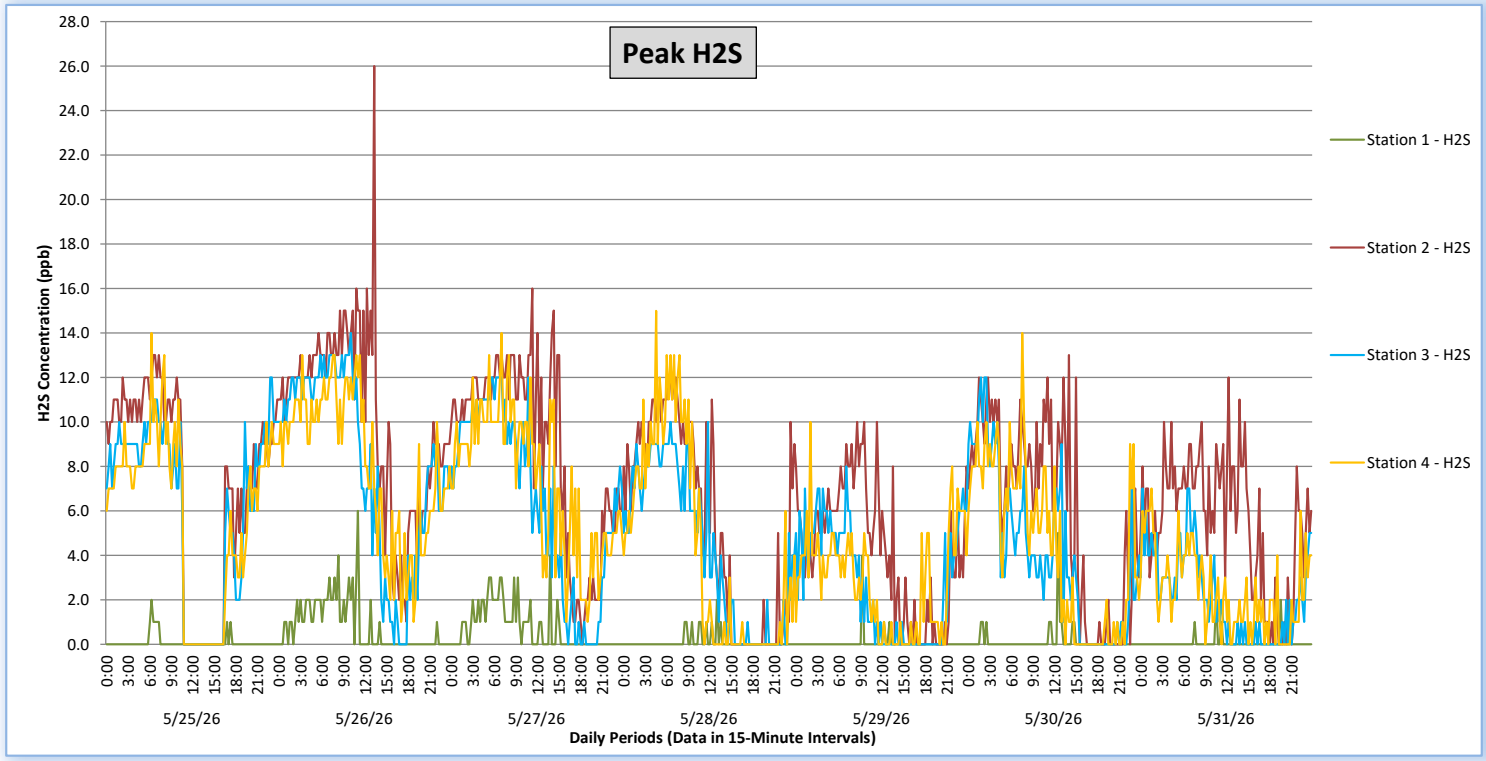

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Date	Daily Statistics	Station 1				Station 2				Station 3				Station 4			
		VOCs		H2S		VOCs		H2S		VOCs		H2S		VOCs		H2S	
		Average ppb	Peak ppb	Average ppb	Peak ppb	Average ppb	Peak ppb	Average ppb	Peak ppb	Average ppb	Peak ppb	Average ppb	Peak ppb	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
May 25, 2026	Minimum	0.0	0.0	0.0	0.0	61.2	64.0	0.8	3.0	17.1	36.0	0.3	2.0	195.9	200.0	0.8	2.0
	Maximum	0.0	0.0	0.2	2.0	97.5	101.0	11.4	13.0	85.6	119.0	9.5	12.0	306.1	357.0	9.7	14.0
	Average	0.0	0.0	0.0	0.1	86.2	88.8	7.4	9.6	57.2	79.9	6.1	8.2	269.9	280.0	5.7	7.7
May 26, 2026	Minimum	0.0	0.0	0.0	0.0	55.6	59.0	0.2	1.0	18.4	36.0	0.0	0.0	162.9	173.0	0.1	1.0
	Maximum	0.0	0.0	1.5	6.0	100.1	104.0	12.5	26.0	84.0	109.0	11.6	14.0	281.7	322.0	10.5	13.0
	Average	0.0	0.0	0.3	0.8	85.3	88.2	7.2	10.2	47.0	68.2	6.1	8.1	240.0	250.5	5.5	8.1
May 27, 2026	Minimum	0.0	0.0	0.0	0.0	55.9	59.0	0.0	0.0	11.7	29.0	0.0	0.0	191.2	196.0	0.1	1.0
	Maximum	0.0	0.0	1.9	4.0	101.2	105.0	12.0	16.0	91.7	118.0	11.3	12.0	295.9	327.0	10.7	14.0
	Average	0.0	0.0	0.2	0.7	84.0	86.8	5.7	8.7	45.4	68.5	4.7	6.5	244.3	254.4	4.5	7.3
May 28, 2026	Minimum	0.0	0.0	0.0	0.0	49.5	52.0	0.0	0.0	2.9	11.0	0.0	0.0	216.4	223.0	0.0	0.0
	Maximum	0.0	0.0	0.1	2.0	118.6	122.0	10.6	12.0	85.0	119.0	8.3	10.0	334.6	384.0	9.0	15.0
	Average	0.0	0.0	0.0	0.1	85.3	88.1	3.6	5.6	35.3	56.6	2.7	4.3	274.8	290.7	2.8	4.4
May 29, 2026	Minimum	0.0	0.0	0.0	0.0	57.7	61.0	0.0	0.0	3.7	10.0	0.0	0.0	253.4	261.0	0.0	0.0
	Maximum	0.0	0.0	0.3	4.0	123.8	127.0	5.9	10.0	41.6	70.0	5.3	8.0	380.1	422.0	4.8	10.0
	Average	0.0	0.0	0.0	0.1	96.8	99.8	2.0	4.2	19.4	39.1	1.4	2.7	320.0	331.1	1.1	2.7
May 30, 2026	Minimum	0.0	0.0	0.0	0.0	41.1	43.0	0.0	0.0	0.7	3.0	0.0	0.0	279.3	284.0	0.0	0.0
	Maximum	0.0	0.0	0.4	5.0	130.8	133.0	9.9	13.0	57.9	87.0	9.1	12.0	396.0	428.0	8.1	14.0
	Average	0.0	0.0	0.0	0.1	92.6	95.9	3.2	6.0	22.8	39.8	2.2	4.1	328.5	341.2	2.4	4.4
May 31, 2026	Minimum	0.0	0.0	0.0	0.0	77.5	80.0	0.0	0.0	3.1	8.0	0.0	0.0	310.8	327.0	0.0	0.0
	Maximum	0.0	0.0	0.1	2.0	139.3	142.0	6.2	12.0	26.0	52.0	4.9	7.0	447.0	455.0	3.3	7.0
	Average	0.0	0.0	0.0	0.1	113.0	115.9	2.2	5.5	10.7	26.3	0.9	2.1	380.3	390.9	0.8	2.4

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.

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May 25 - May 31, 2026

Date	Daily Statistics	Bristol Met Station 1				
		Wind Direction degrees	Wind Speed mph	Temperature °F	Relative Humidity %	Barometric Pressure mbar
May 25, 2026	Minimum		0.3	64.9	72.4	950.0
	Maximum		4.0	76.4	93.0	952.4
	Average	32	1.5	68.3	87.9	951.1
May 26, 2026	Minimum		0.2	65.8	58.2	949.1
	Maximum		4.6	82.5	92.9	953.0
	Average	79	0.8	71.8	82.2	950.9
May 27, 2026	Minimum		0.2	66.6	61.6	947.6
	Maximum		5.5	81.3	94.0	951.4
	Average	242	1.5	72.2	82.4	949.8
May 28, 2026	Minimum		0.5	65.7	46.6	948.5
	Maximum		5.0	81.7	93.0	950.9
	Average	10	1.3	72.5	71.2	949.5
May 29, 2026	Minimum		0.2	59.2	45.1	946.6
	Maximum		5.3	83.5	84.6	950.9
	Average	6	1.0	71.6	64.2	949.0
May 30, 2026	Minimum		0.2	62.3	30.3	946.6
	Maximum		5.0	79.3	91.0	949.7
	Average	5	1.2	70.4	67.0	947.6
May 31, 2026	Minimum		0.3	58.3	50.7	947.5
	Maximum		6.4	80.1	78.9	951.2
	Average	37	1.3	68.8	62.5	949.3

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.