



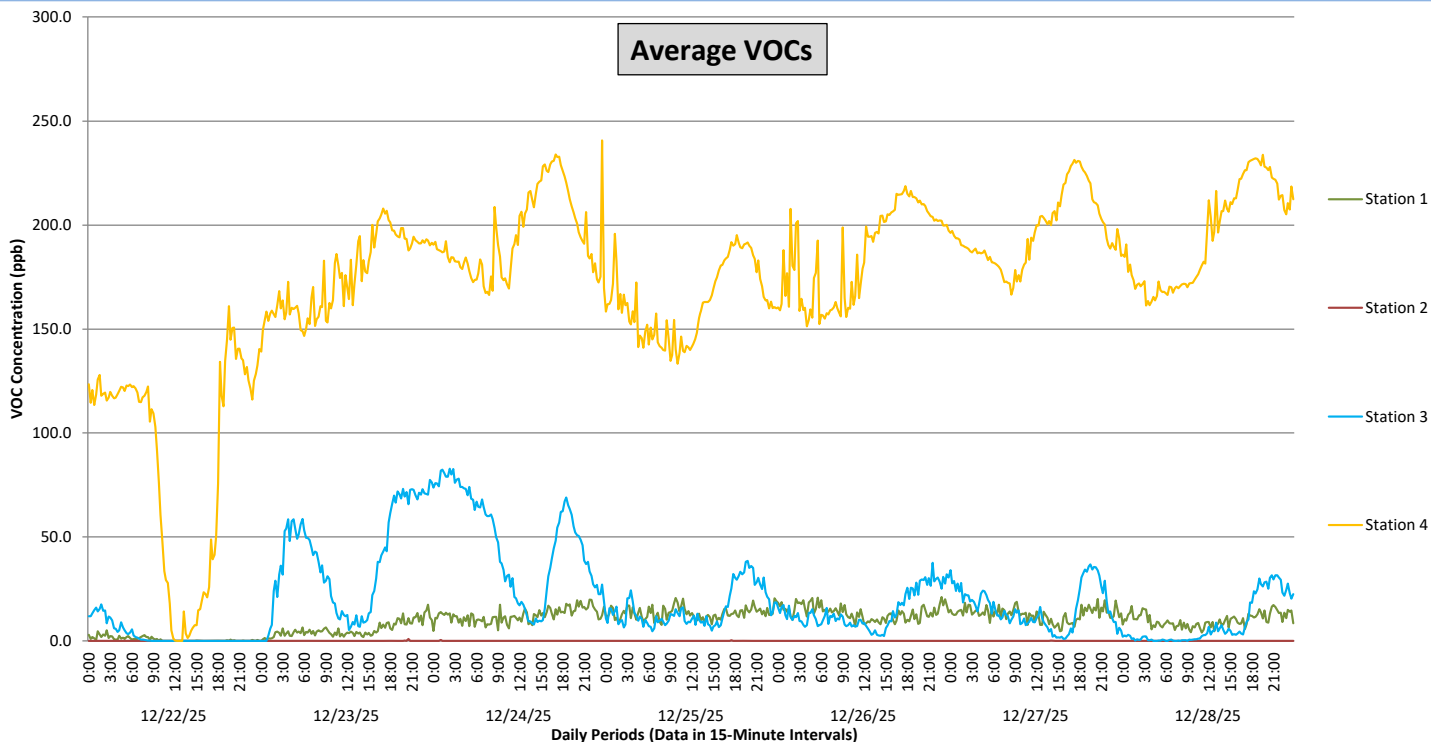
Perimeter Air Monitoring Weekly Report

Real-Time Multigas Monitoring
Bristol Landfill Air Investigation

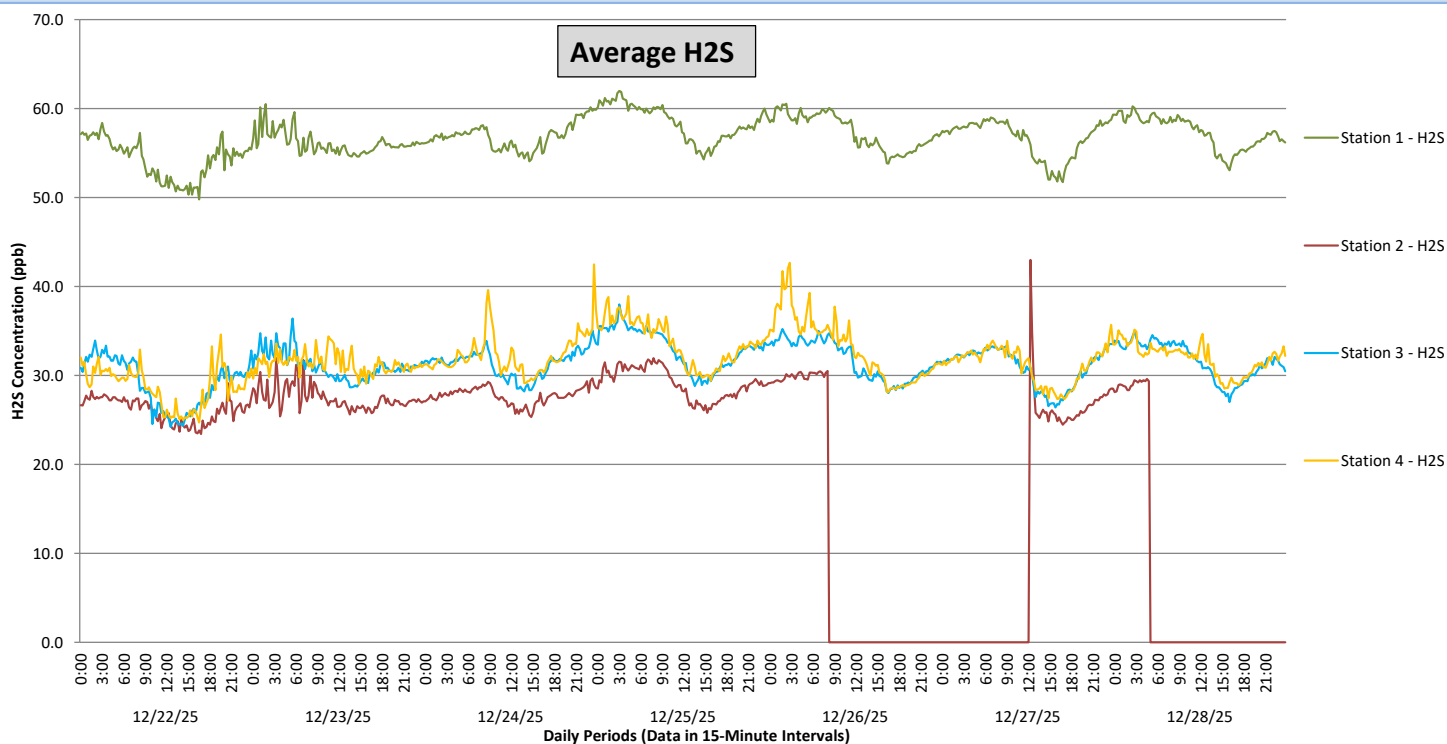


December 22 - December 28, 2025

Average VOCs



Average H2S



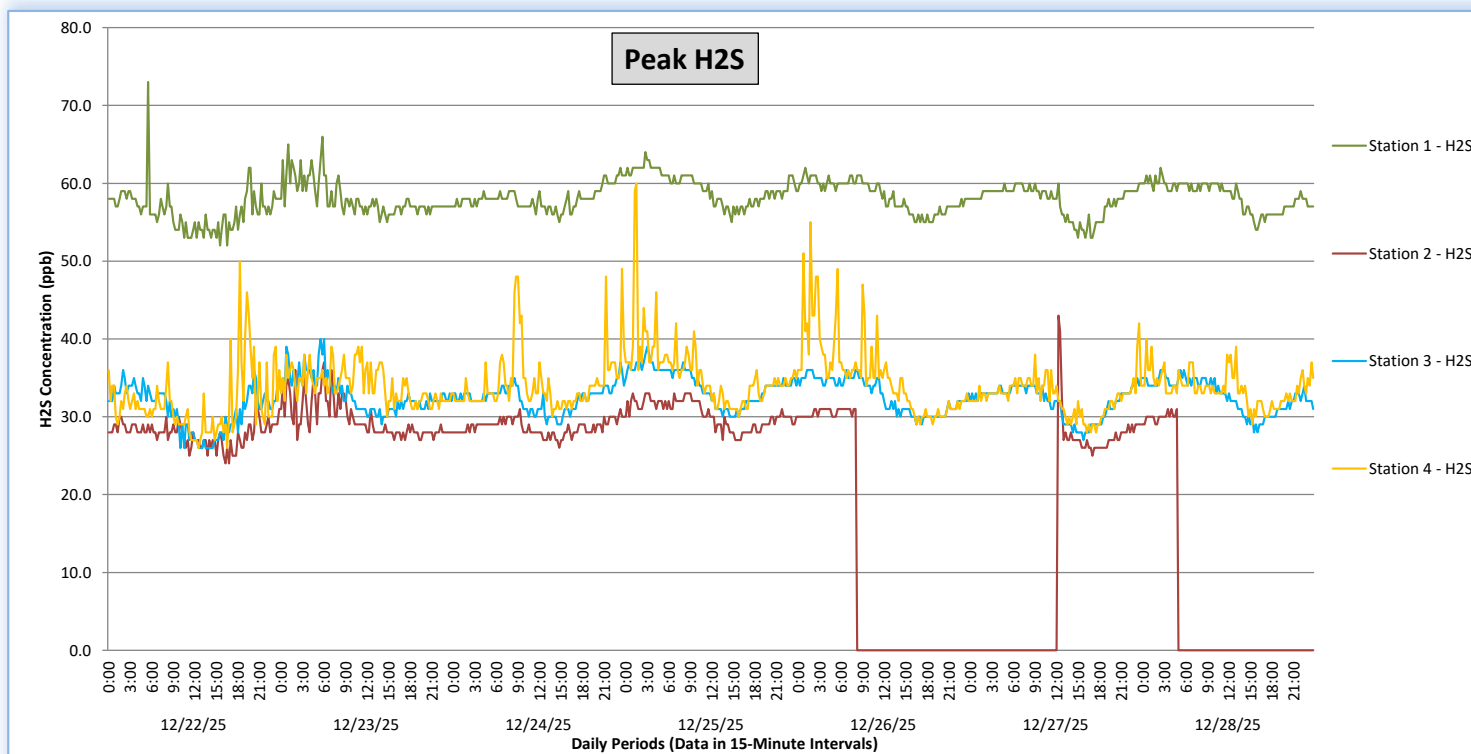
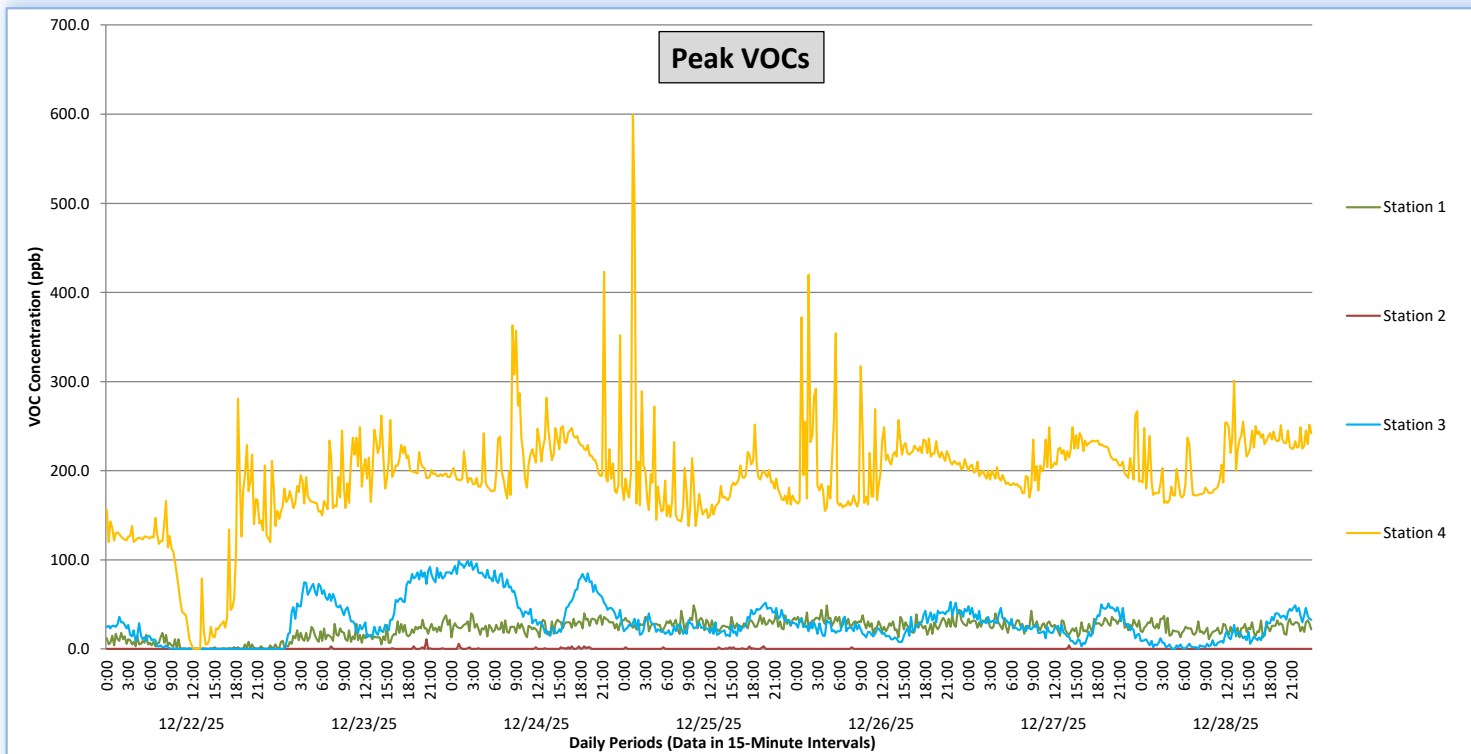


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December 22 - December 28, 2025





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December 22 - December 28, 2025

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
December 22, 2025	Minimum	0.0	0.0	49.8	52.0	0.0	0.0	23.4	24.0	0.0	0.0	24.2	26.0	0.0	0.0	24.7	26.0
	Maximum	5.1	18.0	58.4	73.0	0.0	0.0	29.1	32.0	17.7	36.0	33.9	36.0	161.1	281.0	34.6	50.0
	Average	0.8	4.3	54.3	56.4	0.0	0.0	26.1	27.8	2.7	6.1	29.1	30.9	87.8	104.3	28.8	31.7
December 23, 2025	Minimum	0.1	1.0	54.6	55.0	0.0	0.0	25.4	27.0	0.0	0.0	28.7	29.0	139.2	146.0	29.0	30.0
	Maximum	17.4	38.0	60.5	66.0	0.9	11.0	31.9	37.0	77.5	92.0	36.4	40.0	207.9	262.0	34.4	39.0
	Average	5.5	16.7	56.1	58.1	0.0	0.2	27.4	29.8	38.8	50.6	31.1	32.9	175.8	193.3	31.3	34.1
December 24, 2025	Minimum	4.8	13.0	54.1	55.0	0.0	0.0	25.3	26.0	7.9	15.0	28.2	29.0	166.5	169.0	29.1	30.0
	Maximum	19.9	40.0	60.1	62.0	0.5	6.0	29.7	31.0	82.8	99.0	35.1	37.0	240.7	423.0	42.5	49.0
	Average	12.4	26.3	56.9	58.0	0.0	0.4	27.7	28.6	47.2	60.0	31.3	32.3	195.3	219.1	32.3	34.3
December 25, 2025	Minimum	7.8	17.0	54.3	55.0	0.0	0.0	25.8	27.0	4.7	14.0	28.8	30.0	133.3	138.0	29.4	30.0
	Maximum	20.7	49.0	62.0	64.0	0.3	3.0	31.9	33.0	38.6	52.0	38.0	39.0	195.7	599.0	38.9	60.0
	Average	13.5	28.5	58.5	59.5	0.0	0.2	29.1	30.3	15.7	27.7	33.1	34.1	162.6	187.0	33.7	35.7
December 26, 2025	Minimum	6.9	13.0	53.8	55.0	0.0	0.0	29.1	30.0	2.3	8.0	28.0	29.0	151.3	155.0	28.1	29.0
	Maximum	21.2	49.0	60.5	62.0	0.1	2.0	30.5	31.0	37.5	53.0	35.2	36.0	218.7	420.0	42.7	55.0
	Average	13.7	28.7	57.4	58.4	0.0	0.1	29.9	30.6	14.7	26.3	31.7	32.8	186.3	211.3	33.1	35.3
December 27, 2025	Minimum	4.7	13.0	51.7	53.0	0.0	0.0	24.5	25.0	1.0	3.0	26.4	27.0	166.6	170.0	27.3	28.0
	Maximum	20.2	43.0	59.3	60.0	0.3	4.0	43.0	43.0	36.9	51.0	33.5	35.0	231.4	267.0	35.7	42.0
	Average	12.9	27.1	56.6	57.7	0.0	0.1	26.7	27.9	16.0	27.0	30.9	31.9	196.8	208.8	31.2	32.5
December 28, 2025	Minimum	4.0	11.0	53.1	54.0	0.0	0.0	28.1	29.0	0.0	0.0	27.0	28.0	161.3	164.0	28.5	29.0
	Maximum	17.3	37.0	60.3	62.0	0.0	0.0	29.6	31.0	31.7	49.0	34.9	36.0	233.7	301.0	35.1	40.0
	Average	10.0	23.2	57.3	58.3	0.0	0.0	29.0	30.0	8.6	16.0	31.7	32.7	194.9	211.4	31.9	33.6

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 measures in the 0-1000 ppb range, though readings below the 10-ppb minimum detection limit are considered estimates. It is important to note that the 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 Station 2 experienced intermittent power loss during the following periods: 12/26/2025 from 0815 to 2359, 12/27/2025 from 0000 to 1215, and 12/28/2025 from 0500 to 2359.



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December 22 - December 28, 2025

Date	Daily Statistics	Bristol Met Station 1				
		Wind Direction	Wind Speed	Temperature	Relative Humidity	Barometric Pressure
		degrees	mph	°F	%	mbar
December 22, 2025	Minimum		0.1	27.0	15.0	957.4
	Maximum		8.9	58.2	53.0	963.5
	Average	31	2.2	41.8	32.5	961.0
December 23, 2025	Minimum		0.0	43.5	32.0	955.2
	Maximum		6.7	56.5	66.0	958.1
	Average	222	1.0	50.1	55.3	956.7
December 24, 2025	Minimum		0.1	50.5	55.0	955.1
	Maximum		7.8	65.8	92.0	958.5
	Average	224	1.1	56.4	73.5	956.5
December 25, 2025	Minimum		0.0	49.5	59.0	949.0
	Maximum		13.3	68.9	93.0	955.5
	Average	243	2.0	57.5	84.1	951.8
December 26, 2025	Minimum		0.1	55.2	58.0	943.6
	Maximum		11.2	65.7	93.5	950.6
	Average	237	2.4	59.5	79.7	947.0
December 27, 2025	Minimum		0.2	48.2	49.0	945.5
	Maximum		8.3	67.9	91.0	950.4
	Average	260	1.6	58.7	77.1	948.4
December 28, 2025	Minimum		0.1	46.2	54.0	941.4
	Maximum		9.6	68.8	89.0	950.2
	Average	38	0.3	56.3	73.8	947.1

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.