

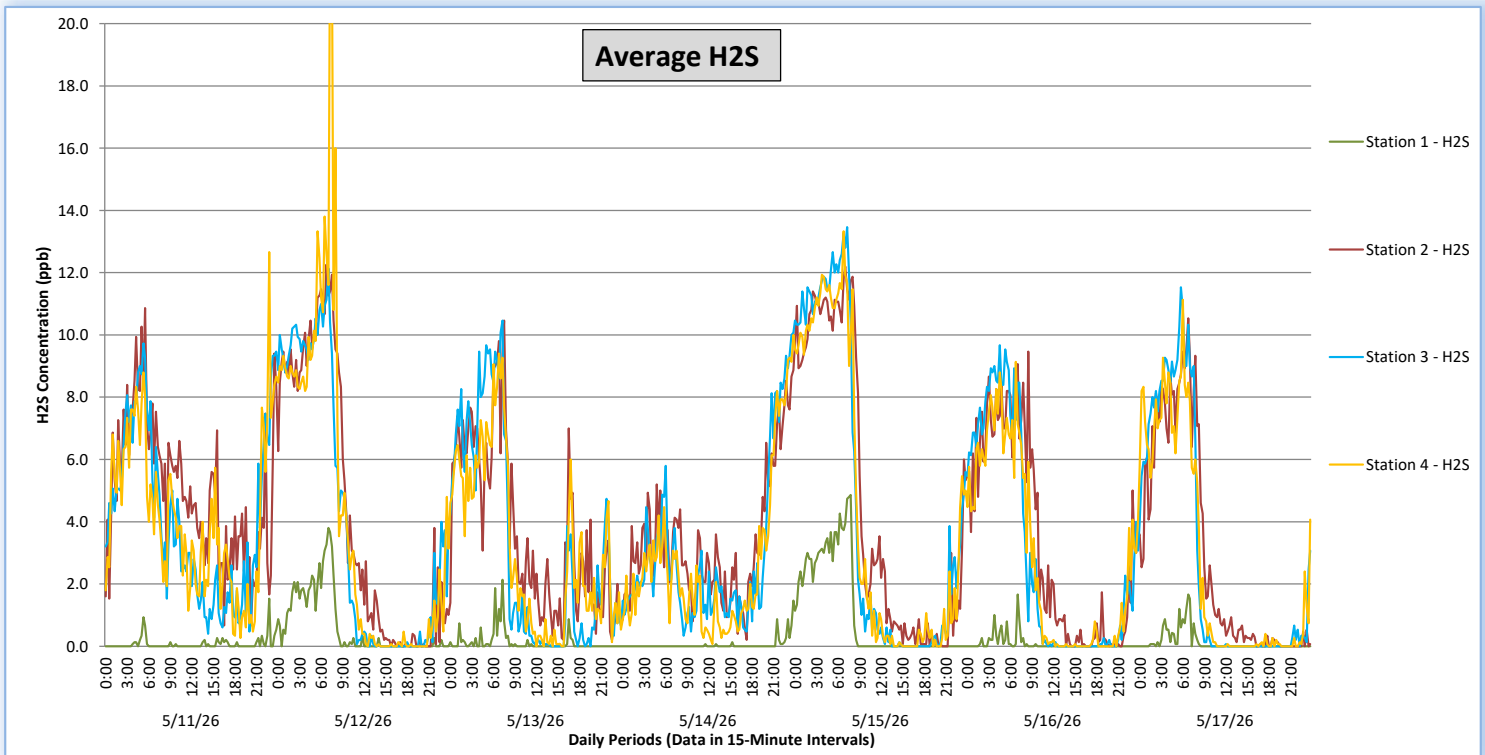
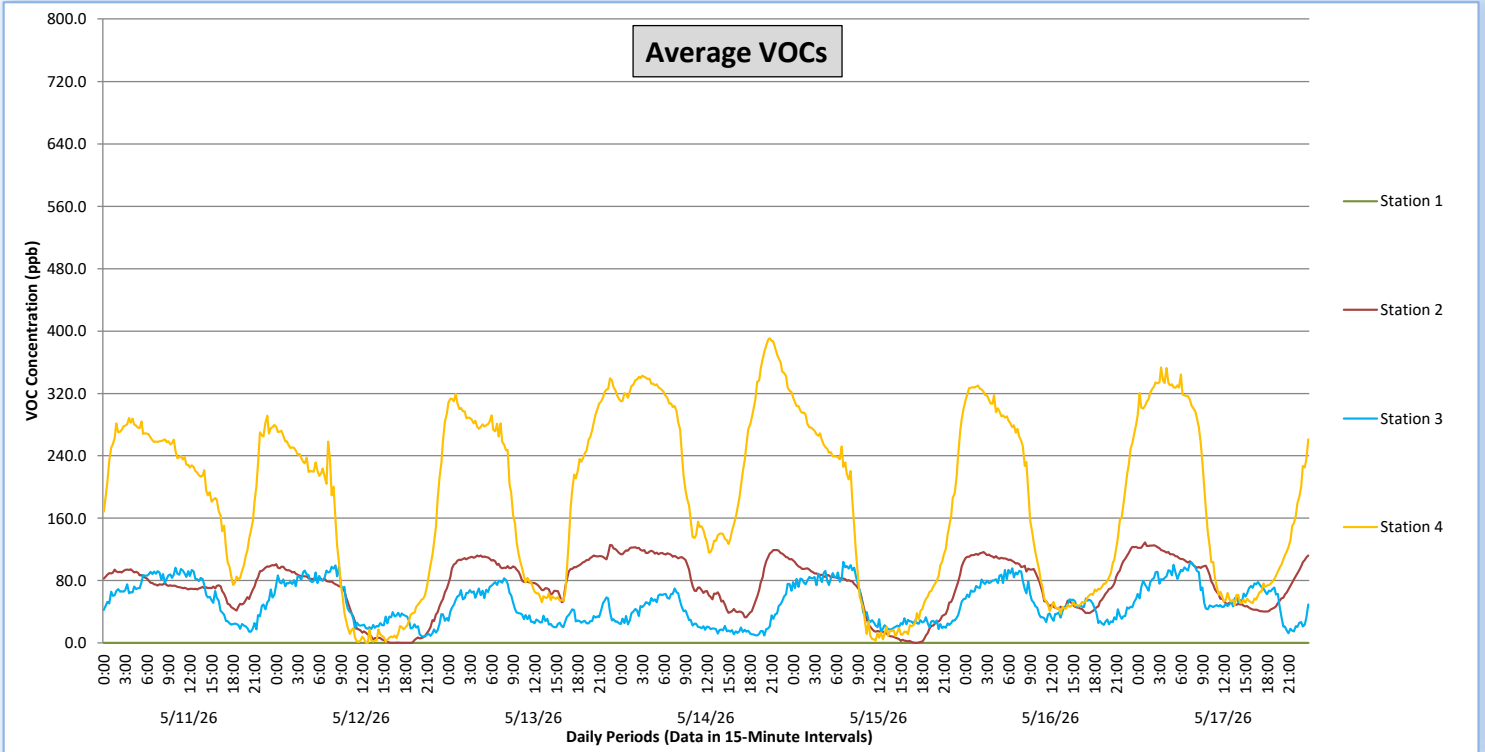


Perimeter Air Monitoring Weekly Report

Real-Time Multigas Monitoring
Bristol Landfill Air Investigation



May 11 - May 17, 2026



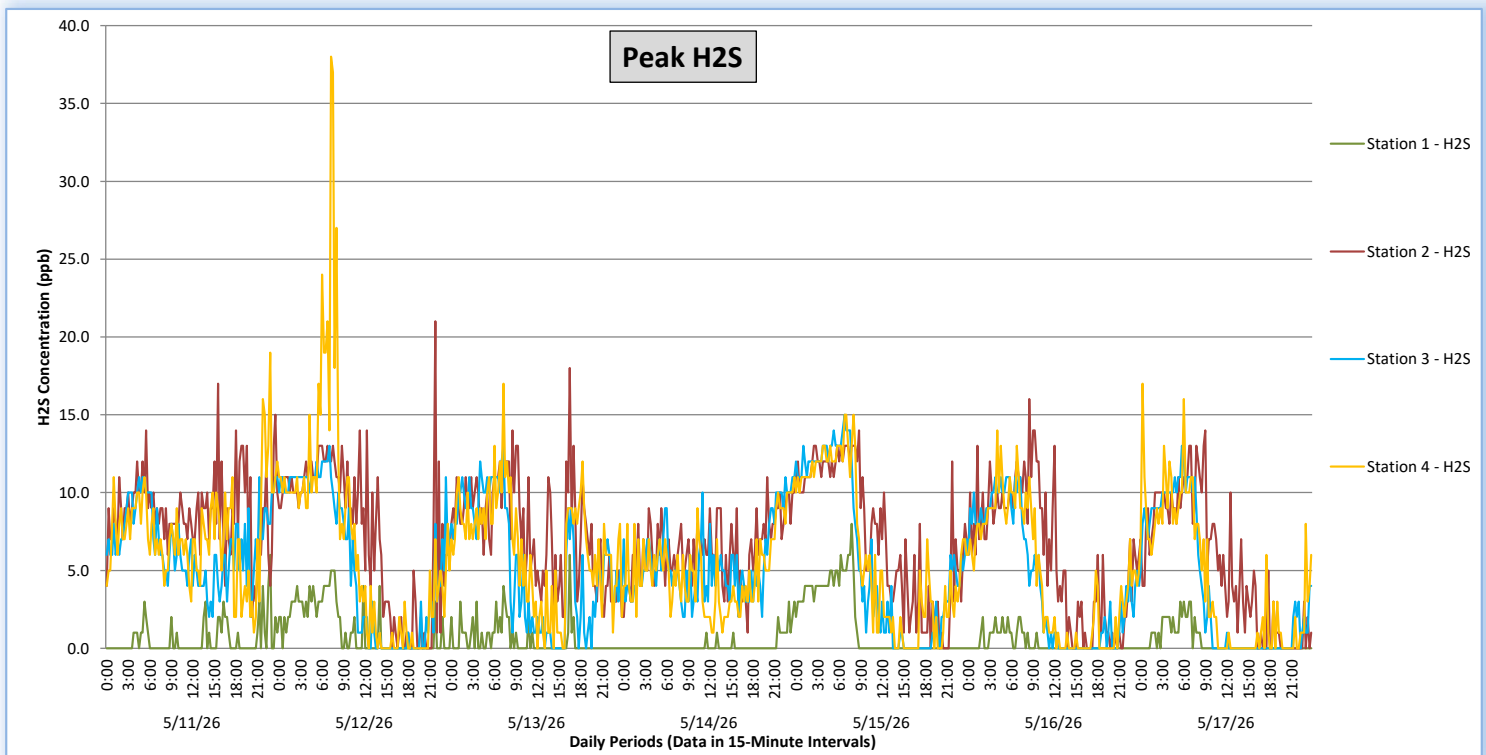
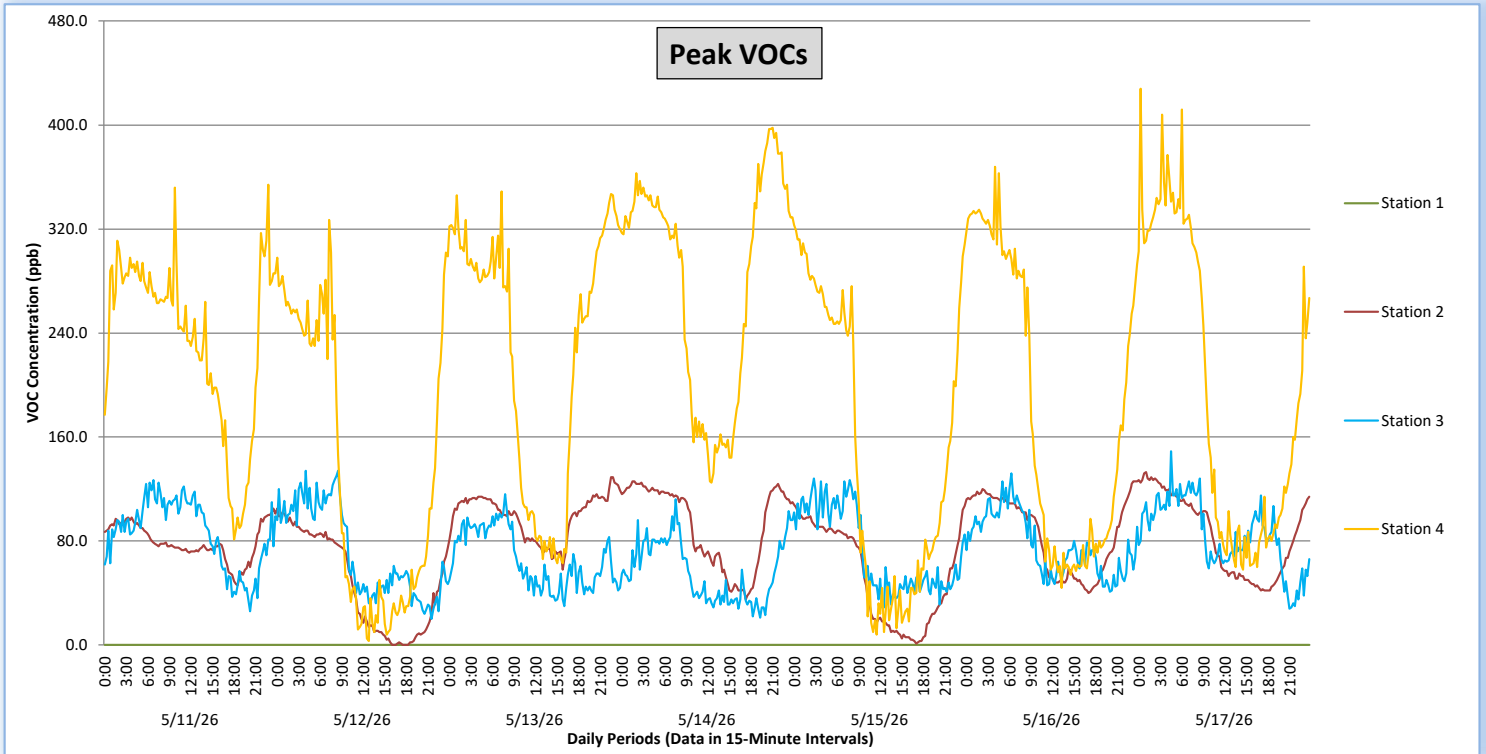


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Date	Daily Statistics	Station 1				Station 2				Station 3				Station 4			
		VOCs		H2S		VOCs		H2S		VOCs		H2S		VOCs		H2S	
		Average ppb	Peak ppb	Average ppb	Peak ppb	Average ppb	Peak ppb	Average ppb	Peak ppb	Average ppb	Peak ppb	Average ppb	Peak ppb	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
May 11, 2026	Minimum	0.0	0.0	0.0	0.0	41.6	46.0	0.7	2.0	14.4	26.0	0.4	2.0	74.3	81.0	0.3	1.0
	Maximum	0.0	0.0	1.5	6.0	99.9	105.0	10.9	17.0	96.6	127.0	9.7	11.0	291.7	354.0	12.7	19.0
	Average	0.0	0.0	0.1	0.6	75.8	79.1	5.0	8.7	61.9	85.6	4.1	6.7	218.9	233.5	4.1	7.3
May 12, 2026	Minimum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.4	20.0	0.0	0.0	0.2	3.0	0.0	0.0
	Maximum	0.0	0.0	3.8	5.0	101.3	105.0	12.3	21.0	99.3	134.0	12.1	13.0	294.1	327.0	23.0	38.0
	Average	0.0	0.0	0.7	1.3	44.1	47.4	4.4	7.3	48.8	70.8	4.0	5.4	118.0	134.9	4.4	6.9
May 13, 2026	Minimum	0.0	0.0	0.0	0.0	52.3	58.0	0.2	2.0	20.3	30.0	0.0	0.0	52.3	63.0	0.0	0.0
	Maximum	0.0	0.0	2.1	6.0	125.7	129.0	10.5	18.0	83.1	116.0	10.5	13.0	339.3	349.0	9.4	17.0
	Average	0.0	0.0	0.1	0.5	95.6	99.2	3.7	7.5	44.5	65.6	3.2	5.2	212.1	227.6	3.2	6.4
May 14, 2026	Minimum	0.0	0.0	0.0	0.0	32.8	35.0	0.2	1.0	9.5	21.0	0.3	2.0	115.9	125.0	0.1	1.0
	Maximum	0.0	0.0	1.5	3.0	122.9	126.0	8.9	11.0	75.7	112.0	10.1	11.0	390.6	398.0	10.0	11.0
	Average	0.0	0.0	0.1	0.2	88.8	92.3	3.3	6.4	34.1	56.3	2.9	5.5	265.2	279.7	2.6	4.9
May 15, 2026	Minimum	0.0	0.0	0.0	0.0	0.2	1.0	0.0	0.0	13.7	29.0	0.0	0.0	3.0	8.0	0.0	0.0
	Maximum	0.0	0.0	4.9	8.0	106.1	108.0	12.2	14.0	103.9	128.0	13.5	15.0	315.0	323.0	13.3	15.0
	Average	0.0	0.0	1.1	1.5	49.6	52.9	4.8	7.3	49.9	72.3	4.6	5.8	136.6	150.1	4.5	6.1
May 16, 2026	Minimum	0.0	0.0	0.0	0.0	38.5	40.0	0.0	0.0	23.3	41.0	0.0	0.0	37.3	44.0	0.0	0.0
	Maximum	0.0	0.0	1.7	2.0	123.3	126.0	9.5	16.0	95.6	132.0	9.7	11.0	330.0	368.0	9.1	14.0
	Average	0.0	0.0	0.1	0.3	82.0	85.2	3.3	6.0	55.1	76.8	3.0	4.2	169.9	183.9	2.8	4.5
May 17, 2026	Minimum	0.0	0.0	0.0	0.0	40.3	42.0	0.0	0.0	12.5	28.0	0.0	0.0	48.3	58.0	0.0	0.0
	Maximum	0.0	0.0	1.7	3.0	129.1	133.0	10.5	14.0	103.0	149.0	11.5	13.0	353.4	428.0	11.1	17.0
	Average	0.0	0.0	0.1	0.4	82.0	85.0	2.9	5.2	62.8	84.9	2.9	3.8	183.3	198.4	2.8	4.2

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.



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May 11 - May 17, 2026

Date	Daily Statistics	Bristol Met Station 1				
		Wind Direction degrees	Wind Speed mph	Temperature °F	Relative Humidity %	Barometric Pressure mbar
May 11, 2026	Minimum		0.4	46.9	46.1	948.9
	Maximum		4.6	64.5	91.0	954.3
	Average	21	1.5	57.2	75.9	951.8
May 12, 2026	Minimum		0.1	39.6	22.9	950.9
	Maximum		4.2	72.7	93.0	955.5
	Average	351	0.3	57.4	56.4	953.3
May 13, 2026	Minimum		0.4	49.1	48.1	942.9
	Maximum		6.6	71.2	85.0	951.5
	Average	245	1.1	60.6	66.3	947.4
May 14, 2026	Minimum		0.4	40.5	50.1	944.2
	Maximum		6.4	60.3	88.7	950.6
	Average	354	2.3	51.6	62.9	947.5
May 15, 2026	Minimum		0.2	35.4	25.4	949.5
	Maximum		3.8	71.2	94.0	953.1
	Average	356	0.3	54.1	61.6	951.1
May 16, 2026	Minimum		0.4	47.3	36.8	950.6
	Maximum		5.0	81.6	83.4	953.7
	Average	292	0.5	64.9	59.4	952.2
May 17, 2026	Minimum		0.3	55.8	33.0	951.5
	Maximum		4.3	87.0	90.0	955.2
	Average	2	0.6	72.3	58.6	953.1

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.