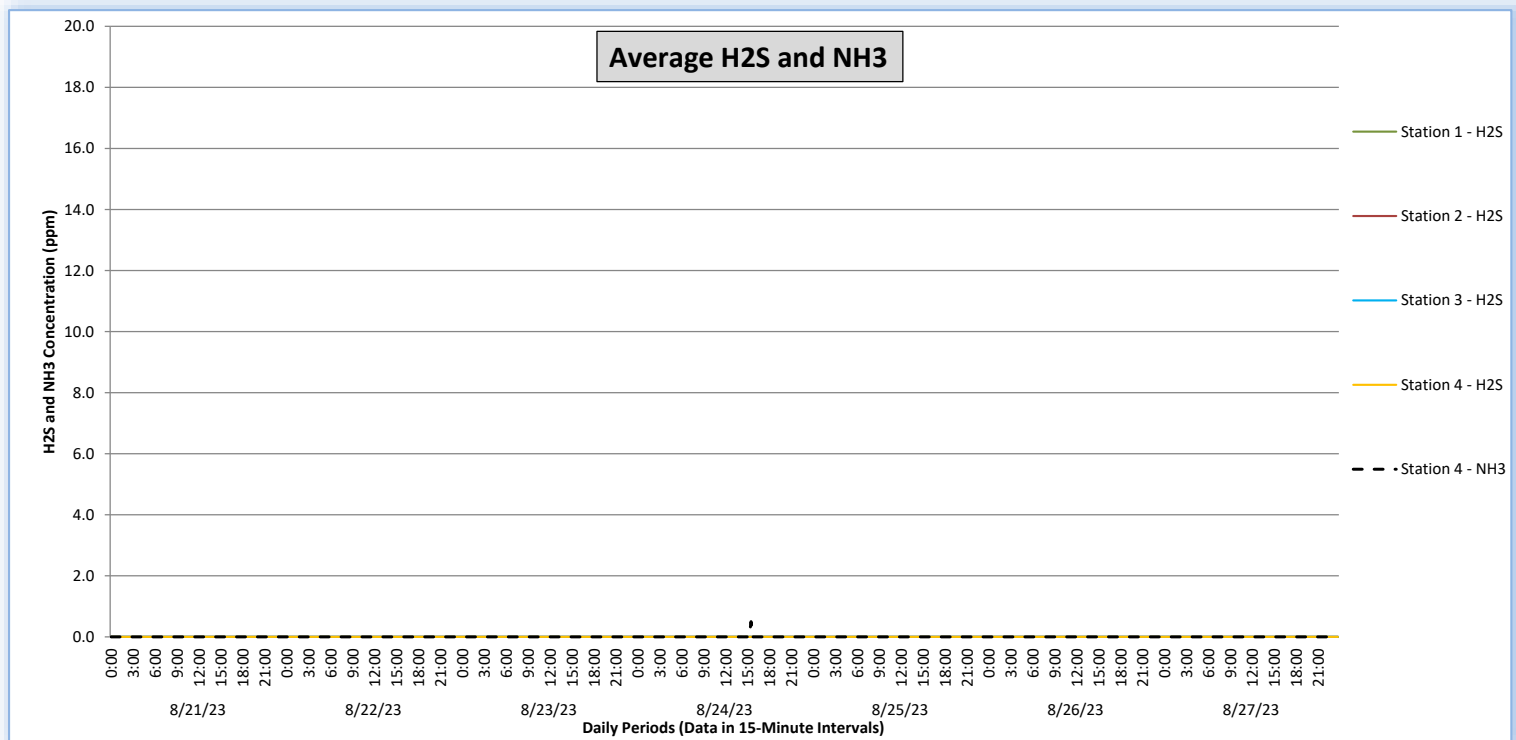
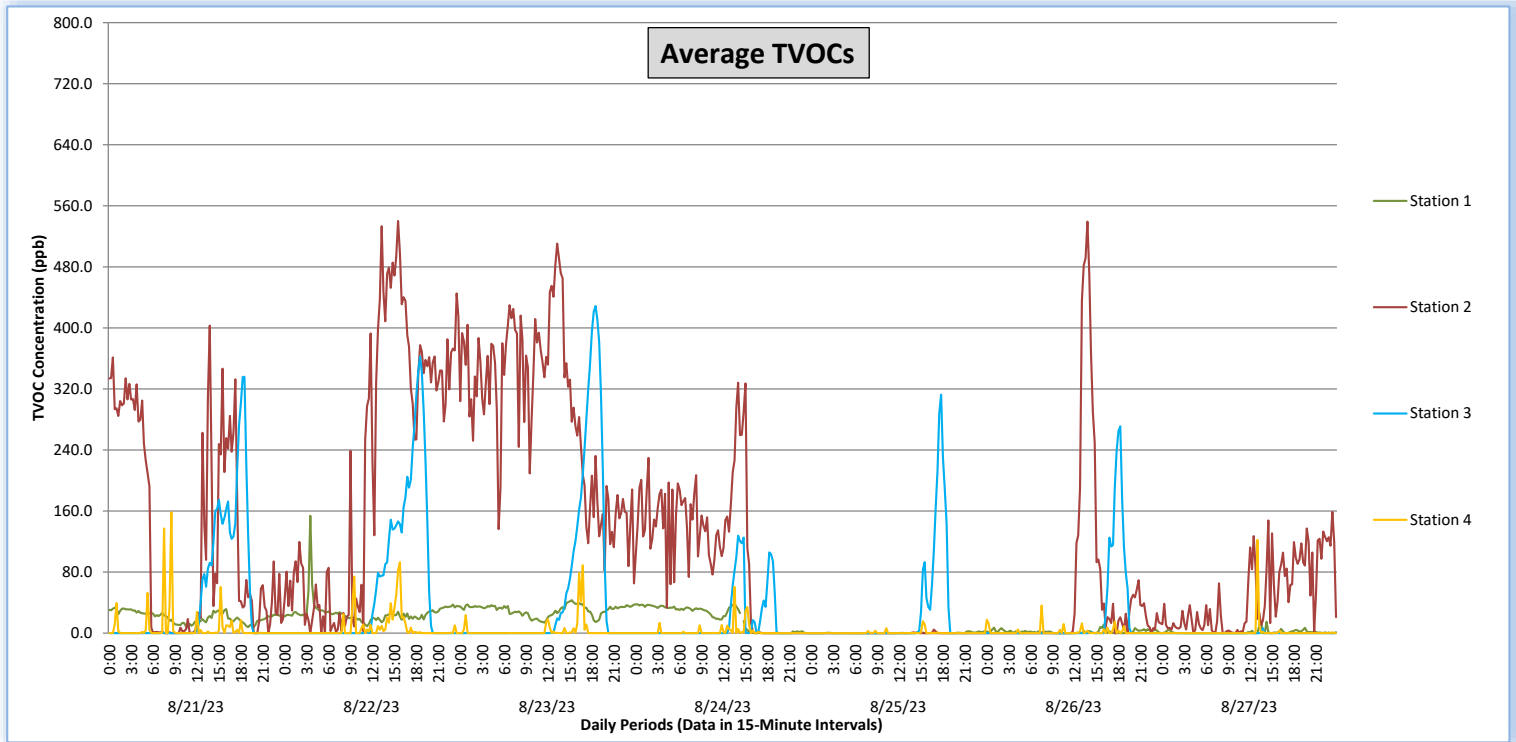


Perimeter Air Monitoring Weekly Report

Real-Time Multigas Monitoring
Bristol Landfill Air Investigation

August 21 - August 27, 2023



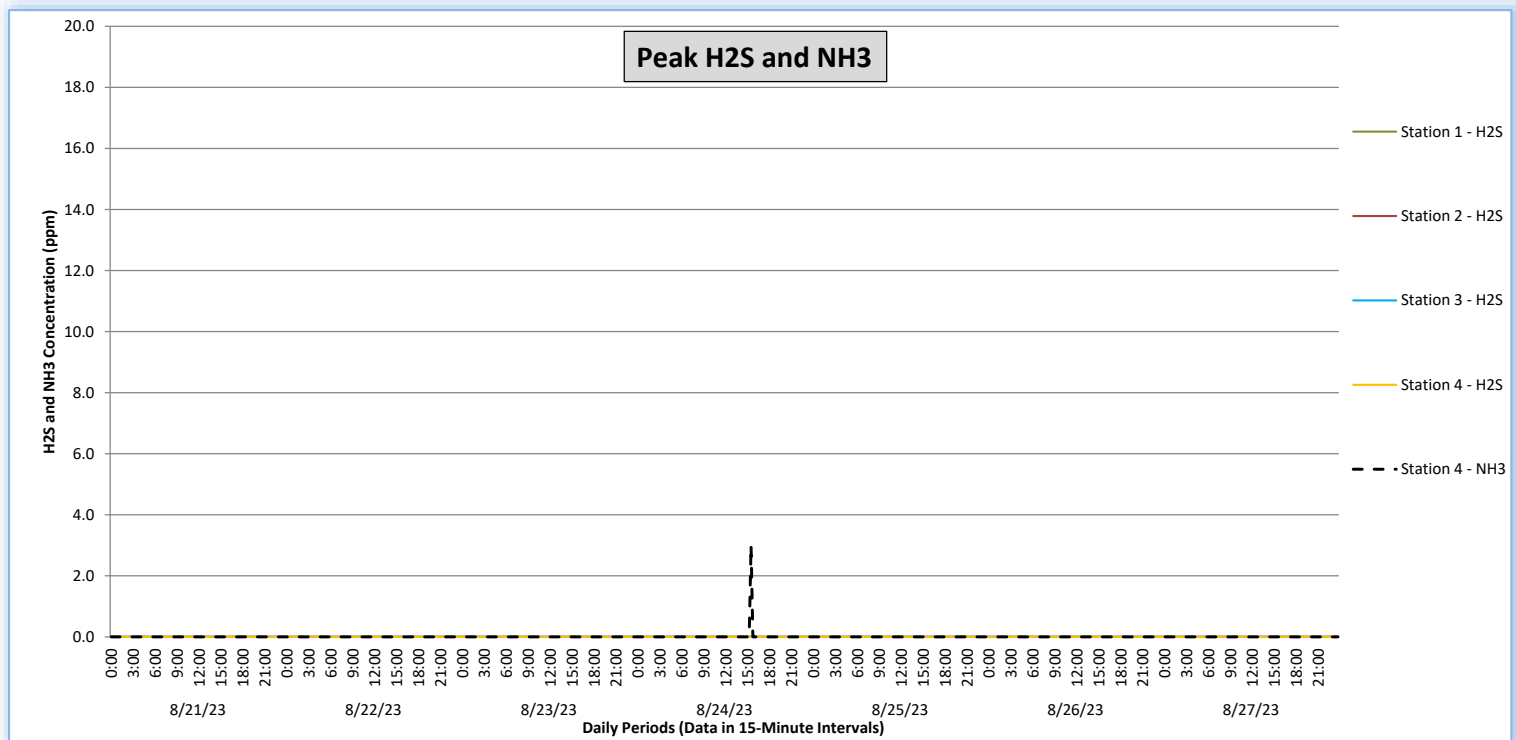
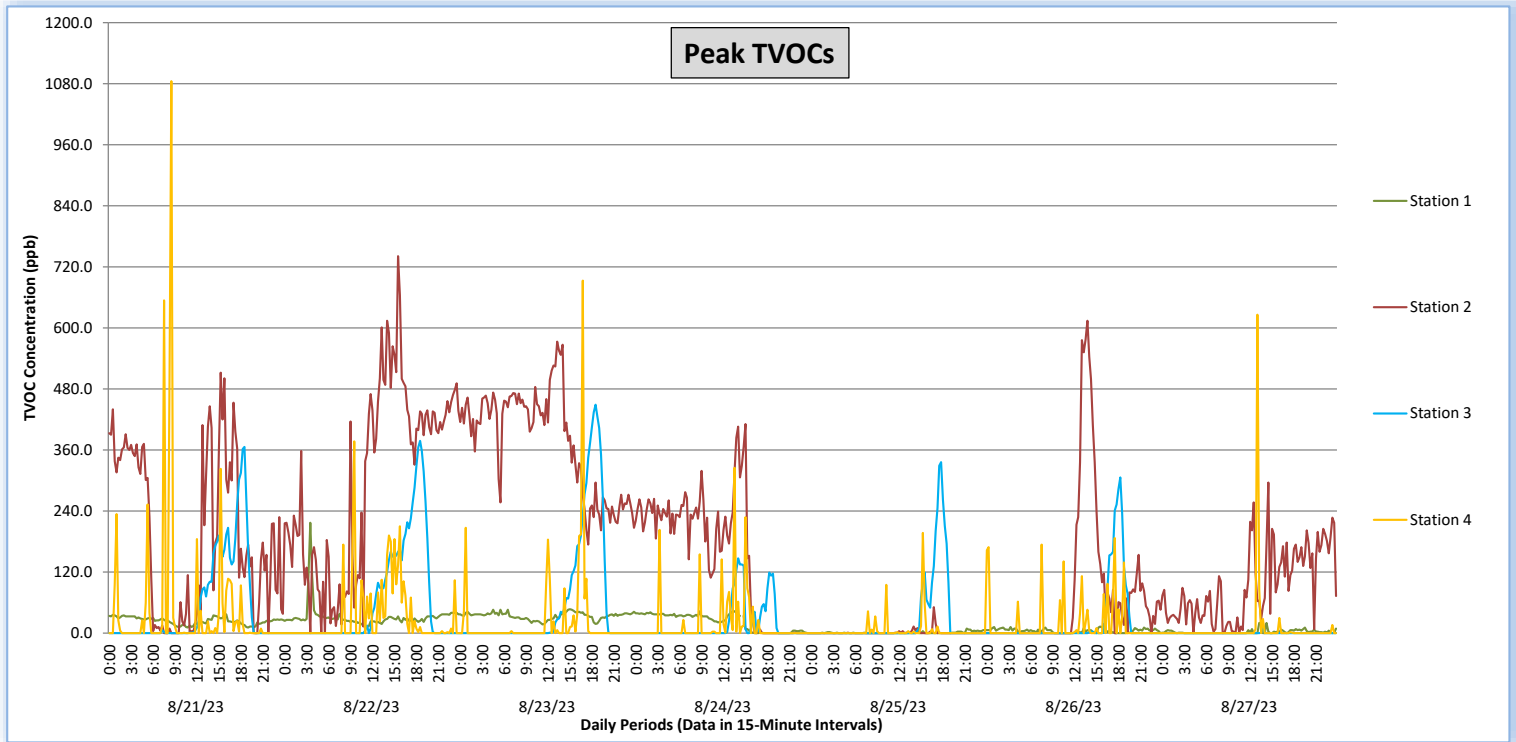


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August 21 - August 27, 2023

Date	Daily Statistics	Station 1				Station 2				Station 3				Station 4					
		TVOCs		H2S		TVOCs		H2S		TVOCs		H2S		TVOCs		H2S		NH3	
		Average ppb	Peak ppb	Average ppm	Peak ppm	Average ppb	Peak ppb	Average ppm	Peak ppm	Average ppb	Peak ppb	Average ppm	Peak ppm	Average ppb	Peak ppb	Average ppm	Peak ppm	Average ppm	Peak ppm
		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	Values from 15-minute intervals	1-minute max within each 15-minute interval
August 21, 2023	Minimum	8	11	0.0	0.0	0	0	0.0	0.0	0	0	0.0	0.0	0	0	0.0	0.0	0	0
	Maximum	33	37	0.0	0.0	403	512	0.0	0.0	336	366	0.0	0.0	158	1,085	0.0	0.0	0	0
	Average	21	24	0.0	0.0	127	191	0.0	0.0	45	52	0.0	0.0	7	45	0.0	0.0	0	0
August 22, 2023	Minimum	9	12	0.0	0.0	0	0	0.0	0.0	0	0	0.0	0.0	0	0	0.0	0.0	0	0
	Maximum	154	217	0.0	0.0	540	741	0.0	0.0	363	378	0.0	0.0	93	377	0.0	0.0	0	0
	Average	26	32	0.0	0.0	221	304	0.0	0.0	55	61	0.0	0.0	7	32	0.0	0.0	0	0
August 23, 2023	Minimum	14	17	0.0	0.0	65	174	0.0	0.0	0	0	0.0	0.0	0	0	0.0	0.0	0	0
	Maximum	43	47	0.0	0.0	510	573	0.0	0.0	429	449	0.0	0.0	89	693	0.0	0.0	0	0
	Average	30	34	0.0	0.0	291	376	0.0	0.0	54	60	0.0	0.0	3	22	0.0	0.0	0	0
August 24, 2023	Minimum	0	0	0.0	0.0	0	0	0.0	0.0	0	0	0.0	0.0	0	0	0.0	0.0	0	0
	Maximum	38	43	0.0	0.0	328	411	0.0	0.0	128	147	0.0	0.0	61	325	0.0	0.0	1	3
	Average	20	22	0.0	0.0	104	155	0.0	0.0	14	18	0.0	0.0	2	17	0.0	0.0	0	0
August 25, 2023	Minimum	0	0	0.0	0.0	0	0	0.0	0.0	0	0	0.0	0.0	0	0	0.0	0.0	0	0
	Maximum	2	9	0.0	0.0	5	51	0.0	0.0	312	336	0.0	0.0	16	197	0.0	0.0	0	0
	Average	0	1	0.0	0.0	0	1	0.0	0.0	21	27	0.0	0.0	0	5	0.0	0.0	0	0
August 26, 2023	Minimum	0	0	0.0	0.0	0	0	0.0	0.0	0	0	0.0	0.0	0	0	0.0	0.0	0	0
	Maximum	11	18	0.0	0.0	539	614	0.0	0.0	271	306	0.0	0.0	36	187	0.0	0.0	0	0
	Average	2	5	0.0	0.0	50	78	0.0	0.0	19	24	0.0	0.0	2	17	0.0	0.0	0	0
August 27, 2023	Minimum	0	0	0.0	0.0	0	0	0.0	0.0	0	0	0.0	0.0	0	0	0.0	0.0	0	0
	Maximum	15	20	0.0	0.0	159	296	0.0	0.0	6	19	0.0	0.0	122	626	0.0	0.0	0	0
	Average	1	3	0.0	0.0	49	94	0.0	0.0	0	0	0.0	0.0	1	8	0.0	0.0	0	0

Notes:

- Dash/Blank data records indicate no data is available for that interval
- Calibration readings and data produced during sensor errors are excluded from the report

Perimeter Air Monitoring Weekly Report



Real-Time Multigas Monitoring Bristol Landfill Air Investigation



August 21 - August 27, 2023

Date	Daily Statistics	Bristol Met Station 1					Bristol Met Station 2				
		Wind Dir degrees	Wind Speed mph	Temp °F	RH %	Baro mbar	Wind Dir degrees	Wind Speed mph	Temp °F	RH %	Baro mbar
August 21, 2023	Minimum		0.0	62.0	54.4	952.3		0.0	63.2	59.7	956.7
	Maximum		2.3	89.2	95.9	955.1		2.3	88.1	88.0	959.6
	Average	141	0.8	75.6	77.4	953.6	329	1.0	75.4	75.8	958.1
August 22, 2023	Minimum		0.0	66.3	55.1	950.1		0.1	67.5	56.5	954.5
	Maximum		3.1	89.3	95.0	953.1		3.2	88.5	88.3	957.5
	Average	72	1.1	77.3	77.0	951.8	322	1.0	77.6	74.3	956.2
August 23, 2023	Minimum		0.1	63.5	45.0	949.5		0.1	65.0	49.8	953.9
	Maximum		3.3	91.6	91.3	953.0		5.3	88.9	85.0	957.4
	Average	87	1.1	75.9	71.5	951.0	108	1.3	75.6	70.0	955.4
August 24, 2023	Minimum		0.1	65.9	54.4	947.4		0.1	66.6	55.5	951.8
	Maximum		2.5	89.7	95.0	951.6		5.8	87.5	88.0	956.1
	Average	252	0.8	76.8	78.6	949.3	311	1.9	76.5	76.7	953.8
August 25, 2023	Minimum		0.1	68.1	55.0	946.0		0.1	69.1	58.5	950.4
	Maximum		2.1	90.4	95.0	950.5		5.2	88.6	88.0	954.9
	Average	249	0.8	77.2	80.7	948.0	310	1.6	76.9	78.4	952.4
August 26, 2023	Minimum		0.0	68.4	53.2	943.6		0.1	68.9	58.9	948.0
	Maximum		2.4	89.0	94.0	947.6		6.0	87.0	87.3	952.0
	Average	256	0.8	78.1	76.5	945.8	315	1.8	77.4	75.1	950.2
August 27, 2023	Minimum		0.1	68.2	56.4	942.6		0.1	69.0	58.9	946.9
	Maximum		3.3	88.0	96.0	945.5		3.8	85.8	89.0	949.9
	Average	81	1.2	74.5	84.8	944.3	128	1.2	74.1	81.5	948.7

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