February 2025 Bushkill Stream Conservancy Water Test Data

	25 - Copella at Bushkill Center Rd Bridge	26 - Hahn at Clearfield Rd Bridge	3 - Bridge at E Douglassville Rd	14A - Sober Run West	15 - Sober Run North at Kromer Road Bridge	16 - Belfast Rd at Jacobsburg Rd Bridge	8A - Engler's Run Bridge	6 - Main Stem Filetown Rd	12 - Quarry	13A - Tatamy	10 - Little Bushkill West at Rt 512	5 - Little Bushkill at Getz Rd	17 - Central Rd	18 - Little Bushkill at Rasleytown Rd	30 - Little Bushkill at Jones Hill	4 - Little Bushkill Main Stem at Edelman	28 - Little Bushkill at Engler Rd Bridge	20 - Little Bushkill Main Stem Saw Mill	27A - Schoeneck at Nazareth HS	27B - Schoeneck at Hollo Rd	27 - Schoeneck at Bushkill Creek	7 - Main Stem at Penn Pump	21 - Main Stem B&S Apartments Bridge	11 - Main Stem at Easton Cemetery Bridge	23 - Pearl Street at Bushkill Drive Bridge
Test Date	**2/15**	**2/15**	**2/15**	**2/15**	**2/15**	**2/17**	**2/17**	**2/15**	**2/15**	**2/15**	**2/17**	**2/17**	**2/17**	**2/17**	**2/17**	**2/16**	**2/16**	**2/16**	**2/15**	**2/15**	**2/15**	**2/15**	**2/16**	**2/16**	**2/16**
pH (4.0-9.0)	7	7	7.5	8	8	7	7	7	7	8	7.2	7.5	7.2	7	7	7.75	7.75	7.75	8	8	8	7.5	8	8	8
Nitrates (0-10 mg/L)	0	4.4	0	4.4	4.4	0.5	0.5	0	0	4.4	0	0	0	*	*	4.4	4.4	4.4	17.6	17.6	17.6	8.8	8.8	8.8	8.8
Phosphates (0-1 mg/L)	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
Dissolved O2 (6-13 mg/L)	11.8	12.2	12.4	14	13.4	11.9	11.5	12.2	12.2	12	8.8	10	8.7	9.6	10.4	15.4	15.8	15.2	12.6	9.8	12	12	10.8	10.2	10
Alkalinity (20-300 mg/L)	20	28	44	24	28	21	34	42	44	92	79	52	79	36	40	66	64	62	156	180	176	120	124	122	133
Air temp (°C)	2	-2	-1.6	5.7	2.6	3.5	3	-1.6	-2.2	-1	-0.9	5.2	-1.2	2.5	0.9	3	4	5	1.5	1.5	-1	-0.5	4	4	3
Water temp (°C)	0.03	0.2	-0.3	0.9	0.3	2.3	3	-0.1	0.1	5.4	0.6	1.5	2.2	1.5	1	0.4	0.6	1.1	2.1	9.4	7.4	5.1	5.9	5.9	5.9
Conductivity (20-800 µS/cm)	107.54	135.3	143.3	107.6	182.5	120.5	201	146.2	145	288	694	0.522	391	-	312	367	364.7	341.8	422	447	436	325	396.6	426	429.8
O2 sat. (60%-124%)	84	89	83	97	94	87	86	84	85	96	62	73	65	68	73	106	108	106	92	88	101	95	84	83	81
Notes, issues, or concerns	†	‡	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:

*Not tested.

†Cloudy; went about 50' from bridge to clear ice shelf.

‡Cloudy; 8:40 AM