

non-impacted
slightly impacted
moderately impacted
severely impacted



COMMUNITY SCIENCE INSTITUTE

Bio-monitoring RESULTS 2023

	Total Family Richness	EPT Richness	Family Biotic Index	Percent Model Affinity	Density Orgs/sample	BAP Value <small>Biological Assessment Profile</small>
Enfield Creek 8/17/23 42.402741N, 76.588935W Upper R.H.Treman State Park	13.0 slight impact	6.0 slight impact	4.40 no impact	73% no impact	2,244	7.5 slight impact
Enfield Creek 7/28/23 42.398095N, 76.546700W just upstrm of rte 13 bridge	15.0 no impact	7.0 slight impact	6.52 moderate impact	49% moderate impact	2,073	6.9 slight impact
Fishkill Creek 8/17/23 Upper Treman, upstream of Enfield Creek	19.0 no impact	9.0 no impact	4.45 no impact	71% no impact	1,578	8.8 no impact
Cayuga Inlet 7/5/23 42.39691N, 76.542953W ~300m upstrm of cnflce w/Enfield Creek	12.0 slight impact	5.0 slight impact	5.81 moderate impact	64% slight impact	215	6.2 slight impact
Buttermilk Creek 7/25/23 42.396569N, 76.509299W Above Lake Treman	15.0 no impact	8.0 no impact	5.23 slight impact	77% no impact	664	8.0 no impact
Buttermilk Creek 9/2/23 42.417105N, 76.522558W Lower Buttermilk near playground	12.0 slight impact	7.0 slight impact	4.92 slight impact	36% moderate impact	141	6.0 slight impact
Six Mile Creek 8/27/23 42.396300N, 76.334333W Slaterville 600 Rd.	16.0 no impact	10.0 no impact	3.49 no impact	64% slight impact	2,512	9.0 no impact
Six Mile Creek 9/11/23 42.385663N, 76.376234W Attis Mill	13.0 slight impact	8.0 no impact	4.92 slight impact	76% no impact	2,820	7.6 no impact
Six Mile Creek 9/11/23 42.389034N, 76.414444W Middaugh Rd.	10.0 slight impact	5.0 slight impact	5.40 slight impact	72% no impact	1,068	6.5 slight impact
Six Mile Creek 8/26/23 42.402909N, 76.436369W upstream of German Cross Rd	10.0 slight impact	6.0 slight impact	5.14 slight impact	72% no impact	1,098	6.7 slight impact
Six Mile Creek 8/28/23 42.419465N, 76.465312W first good riffle dwnstrm of Potters Falls	14.0 no impact	6.5 slight impact	4.45 no impact	49% moderate impact	1,496 (analyzed live)	7.0 slight impact
Six Mile Creek 7/11/23 42.434082N, 76.504191W just downstream of Plain St. Bridge	11.0 slight impact	6.0 slight impact	3.87 no impact	63% slight impact	2,540	7.1 slight impact
Cascadilla Creek 9/18/23 42.4459N, 76.5002W Thompson Park	15.0 no impact	6.0 slight impact	5.38 slight impact	57% slight impact	977	7.0 slight impact
Virgil Creek 9/14/23 42.484708N, 76.292839W Lake Rd	15.0 no impact	7.0 no impact	4.48 no impact	77% no impact	2,516	8.2 no impact
Virgil Creek 9/14/23 42.434082N, 76.504191W Springhouse Rd	14.0 no impact	7.0 slight impact	4.93 slight impact	54% slight impact	3,296	6.9 slight impact
Fall Creek 9/14/23 42.457884N, 76.437961W Freese Rd	19.0 no impact	9.0 no impact	5.12 slight impact	62% slight impact	1,856	8.1 no impact
Fall Creek -LakeSt Upstrm 5/22/23 42.453137N, 76.493173W upstream of Lake St bridge (dwntrn)	12.0 slight impact	6.0 slight impact	5.37 slight impact	72% no impact	492	6.9 slight impact
Salmon Creek 7/18/23 42.539959N, 76.543486W Myers Point	10.0 slight impact	4.0 slight impact	5.26 slight impact	52% slight impact	933	5.7 slight impact
Taughannock Creek 9/23/23 42.529682N, 76.635175W ~500' dwnstrm of Rte 96 bridge	11.0 slight impact	7.0 slight impact	4.58 slight impact	40% moderate impact	2,148	6.0 slight impact
Canoga Creek 9/24/23 42.86339454N, 76.74737434W Mainstem Bridge Riffle	9.0 moderate impact	3.0 slight impact	4.96 slight impact	39% moderate impact	11,868	4.9 moderate impact
Reeder Creek 10/18/23 42.78742N, 76.88643W Btwn N. Patrol and Access Rds	16.0 no impact	5.0 slight impact	4.68 slight impact	48% moderate impact	852	7.0 slight impact

Cayuga
Lake
Watershed

Seneca
Lake
Watershed

BAP is a composite index that incorporates Total Family Richness, Family Biotic Index, EPT Richness and Percent Model Affinity.