

Biomonitoring and Aquatic Studies Section

Browns River 31.5

Ambient Biomonitoring Summary Report

Town: Underhill

Site ID 461100000315

WBID: VT07-11

Drainage Area (km2): 2

Latitude: 44.52667

Longitude 72.84556

Elevation (ft): 1670

Description: Located just below State Park gate, above a major trib confluence.

Sample Date	9/20/1999
Lab ID	1999.181
Sampling Method	KN
* Density/Unit	333
* Species Richness	36
* EPT Richness	18
EPT/Richness	0.5
E / P / T Richness	4 / 8 / 6
* EPT / EPTChiro	0.91
BI (0-5)	0.87
* BI (0-10)	1.64
Diversity	4.17
Hydopsy %	0
Dominant Taxa %	23.7
Dominant 3 Taxa %	42.9
Coleoptera %	1.5
Diptera %	13.8
Ephemeroptera %	22.2
Trichoptera %	23.7
Plecoptera %	38.4
* Oligochaeta %	0.3
OtherOrders %	0
* PMA-O1	83.1
Collector Gatherer %	28.2
Collector Filterer %	8.7
Predator %	19.2
Shredder - Detritus %	38.1
Shredder - Herbivore %	0
Scraper %	2.7
* PPCS-F1	0.44
Community Assessmt	Good

* = Most important metrics