

FIBI529-R1

Wawayanda Creek Tributary

Warwick Turnpike

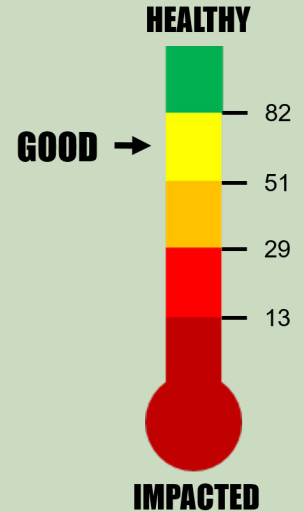
Municipality: Vernon

County: Sussex

Drainage Area (sq miles): 0.6

Sample Date: 8/15/2013

Site Type: Validation



Metric 1 - Number of intolerant vertebrate species	33.33
Metric 2 - Proportion of vertebrate species as top carnivores	65.79
Metric 3 -Percent tolerant fish	100.00
Metric 4 -Proportion of total richness as native	100.00
Metric 5 -Percent native crayfish	100.00
Metric 6 -Brook trout density	0.00

Air Temperature (°C)	19.7
Water Temperature (°C)	15.26
Dissolved Oxygen (mg/L)	8.47
% Saturation	84.5
pH	5.44
Conductivity (uS/cm)	246

Headwaters IBI Score (0-100): ***66.52***

IBI Rating: ***Good***

High Gradient Habitat Score (0-200): ***146***

Habitat Rating: ***Suboptimal***

FIBI529-R1 Wawayanda Creek Tributary

Common Name	Scientific Name	Abundance
Creek Chub	<i>Semotilus atromaculatus</i>	263
Blacknose Dace	<i>Rhinichthys atratulus</i>	173
Green Frog	<i>Lithobates clamitans</i>	28
Common Crayfish	<i>Cambarus bartonii bartonii</i>	6
Northern Red Salamander	<i>Pseudotriton ruber ruber</i>	6