

FIBI548-R1

Yards Creek

Camp Rd

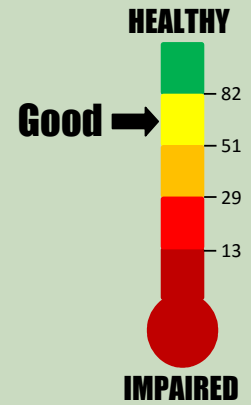
Municipality: Blirstown

County: Warren

Drainage Area (sq miles): 0.98

Sample Date: 6 /8 /2017

Site Type: Fixed



Metric 1 - Number of intolerant vertebrate species	66.67
Metric 2 - Proportion of vertebrate species as top carnivores	52.63
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)	18.7
Water Temperature (°C)	13.74
Dissolved Oxygen (mg/L)	9.89
% Saturation	98
pH	5.53
Conductivity (uS/cm)	23.4
Nitrate/Nitrite (mg/L):	0.075
Total Kjeldahl (mg/L):	0.138
Total Phosphorus (mg/L):	0.012

Headwaters IBI Score (0-100): **69.88**

IBI Rating: **Good**

High Gradient Habitat Score (0-200): **164**

Habitat Rating: **Optimal**

Summary: FIBI548 was fishless but contained native crayfish and sensitive salamanders.

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Common Name	Scientific Name	Abundance
Common Crayfish	<i>Cambarus bartonii bartonii</i>	83
Northern Two-lined Salamander	<i>Eurycea bislineata</i>	10
Northern Red Salamander	<i>Pseudotriton ruber ruber</i>	10
Pickerel Frog	<i>Lithobates palustris</i>	10
Northern Dusky Salamander	<i>Desmognathus fuscus</i>	1
Red-spotted Newt	<i>Notophthalmus viridescens viridescens</i>	1