

FIBI559-R1

Dead River Tributary

Mountain View Rd

Municipality: Warren

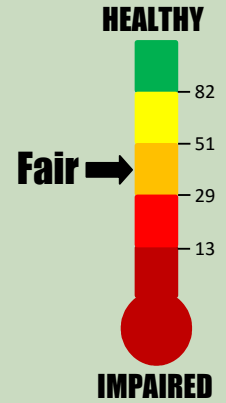
County: Somerset

Drainage Area (sq miles): 1.15

Average Width (m): 6.75

Sample Date: 5 /16/2018

Site Type: Fixed



Metric 1 - Number of intolerant vertebrate species	0.00
Metric 2 - Proportion of vertebrate species as top carnivores	0.00
Metric 3 -Percent tolerant fish	99.80
Metric 4 -Proportion of total richness as native	85.71
Metric 5 -Percent native crayfish	11.11
Metric 6 -Brook trout density	0.00

Air Temperature (°C)	18.2
Water Temperature (°C)	14.92
Dissolved Oxygen (mg/L)	9.06
% Saturation	89.6
pH	7.24
Conductivity (uS/cm)	341
Nitrate/Nitrite (mg/L):	0.842
Total Kjeldahl (mg/L):	0.239
Total Phosphorus (mg/L):	0.0192

Headwaters IBI Score (0-100): ***32.77***

IBI Rating: ***Fair***

High Gradient Habitat Score (0-200): ***144***

Habitat Rating: ***Suboptimal***

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Common Name	Scientific Name	Abundance
Creek Chub	<i>Semotilus atromaculatus</i>	359
Blacknose Dace	<i>Rhinichthys atratulus</i>	155
Northern Two-lined Salamander	<i>Eurycea bislineata</i>	96
Virile Crayfish	<i>Orconectes virilis</i>	8
Longnose Dace	<i>Rhinichthys cataractae</i>	8
Common Crayfish	<i>Cambarus bartonii bartonii</i>	1
White Sucker	<i>Catostomus commersonii</i>	1