

FIBI047-R4

Beaver Brook

Sarepta Road

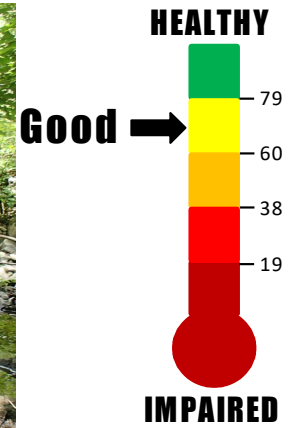
Municipality: White Twp

County: Warren

Drainage Area (sq miles): 36

Sample Date: 6/30/2017

Site Type: Fixed



IBI Metrics

Metric 1-%Rheophilic Richness	72.24
Metric 2-%Cold Non-tolerant Coolwater	72.27
Metric 3-%Generalist Richness	83.91
Metric 4-Tolerance Index	57.11
Metric 5-%Lithophilic Richness	65.86
Metric 6-%Cyprinidae	74.37
Metric 7-%Dominant 3 Taxa	61.37
Metric 8-%Benthic Insectivore Richness	96.33

Field Chemistry

Air Temp (°C)	24.8
Water Temperature (°C)	19.48
Dissolved Oxygen (mg/L)	8.8
% Saturation	96.1
pH	8.08
Conductivity (µS/cm)	563.6
Total Kjeldahl (mg/L)	0.30
Total Phosphorus (mg/L)	0.04
Nitrate/Nitrite (mg/L)	0.95

Northern Fish IBI Score (0-100): 72.93

IBI Rating: Good

High Gradient Habitat Score (0-200): 146

Habitat Rating: Suboptimal

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Common Name	Scientific Name	Abundance
American Eel	<i>Anguilla rostrata</i>	137
Blacknose Dace	<i>Rhinichthys atratulus</i>	135
Tessellated Darter	<i>Etheostoma olmstedi</i>	48
Longnose Dace	<i>Rhinichthys cataractae</i>	40
Cutlips Minnow	<i>Exoglossum maxillingua</i>	22
White Sucker	<i>Catostomus commersoni</i>	17
Creek Chub	<i>Semotilus atromaculatus</i>	16
Common Shiner	<i>Luxilus cornutus</i>	3
Bluegill	<i>Lepomis macrochirus</i>	1
Sea Lamprey	<i>Petromyzon marinus</i>	1
Margined Madtom	<i>Noturus insignis</i>	1