

FIBI047-R3

Beaver Brook

Sarepta Road

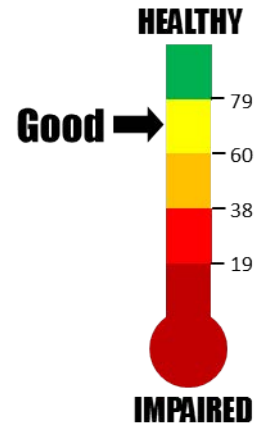
Municipality: White Twp

County: Warren

Drainage Area (sq miles): 36

Sample Date: 06/01/2012

Site Type: Fixed



IBI Metrics

Metric 1-%Rheophilic Richness	57.91
Metric 2-%Cold Non-tolerant Coolwater	69.00
Metric 3-%Generalist Richness	70.82
Metric 4-Tolerance Index	51.39
Metric 5-%Lithophilic Richness	41.40
Metric 6-%Cyprinidae	69.09
Metric 7-%Dominant 3 Taxa	42.40
Metric 8-%Benthic Insectivore Richness	75.69

Field Chemistry

Air Temp (°C)	20.7
Water Temperature (°C)	17.36
Dissolved Oxygen (mg/L)	8.85
% Saturation	93
pH	7.78
Conductivity (µS/cm)	417

Northern Fish IBI Score (0-100): 59.71

IBI Rating: Good

High Gradient Habitat Score (0-200): 160

Habitat Rating: Optimal

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Common Name	Scientific Name	Abundance
American Eel	<i>Anguilla rostrata</i>	104
Blacknose Dace	<i>Rhinichthys atratulus</i>	66
Longnose Dace	<i>Rhinichthys cataractae</i>	57
Tessellated Darter	<i>Etheostoma olmstedii</i>	23
Redbreast Sunfish	<i>Lepomis auritus</i>	7
Banded Killifish	<i>Fundulus diaphanus</i>	6
Common Shiner	<i>Luxilus cornutus</i>	5
Cutlips Minnow	<i>Exoglossum maxillingua</i>	5
Margined Madtom	<i>Noturus insignis</i>	3
Sea Lamprey	<i>Petromyzon marinus</i>	1
Bluegill	<i>Lepomis macrochirus</i>	1
Eastern Mudminnow	<i>Umbra pygmaea</i>	1
Redfin Pickerel	<i>Esox americanus americanus</i>	1
Green Sunfish	<i>Lepomis cyanellus</i>	1