

FIBI048-R3r

Buckhorn Creek

Reeder Road

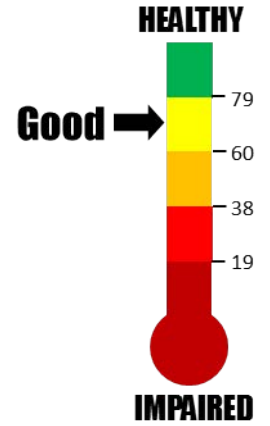
Municipality: Harmony Twp

County: Warren

Drainage Area (sq miles): 7.8

Sample Date: 06/27/2013

Site Type: Sentinel



IBI Metrics

Metric 1-%Rheophilic Richness	62.41
Metric 2-%Cold Non-tolerant Coolwater	92.13
Metric 3-%Generalist Richness	85.22
Metric 4-Tolerance Index	84.83
Metric 5-%Lithophilic Richness	62.09
Metric 6-%Cyprinidae	74.52
Metric 7-%Dominant 3 Taxa	100.00
Metric 8-%Benthic Insectivore Richness	56.76

Field Chemistry

Air Temp (°C)	26.9
Water Temperature (°C)	19.79
Dissolved Oxygen (mg/L)	9.1
% Saturation	100.9
pH	7.54
Conductivity (µS/cm)	164.9

Northern Fish IBI Score (0-100): 77.25

IBI Rating: Good

High Gradient Habitat Score (0-200): 161

Habitat Rating: Optimal

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Common Name	Scientific Name	Abundance
Blacknose Dace	<i>Rhinichthys atratulus</i>	353
Tessellated Darter	<i>Etheostoma olmstedii</i>	76
Longnose Dace	<i>Rhinichthys cataractae</i>	53
Creek Chub	<i>Semotilus atromaculatus</i>	37
American Eel	<i>Anguilla rostrata</i>	30
Sea Lamprey	<i>Petromyzon marinus</i>	24
Margined Madtom	<i>Noturus insignis</i>	22
White Sucker	<i>Catostomus commersoni</i>	17
Green Sunfish	<i>Lepomis cyanellus</i>	7
Bluegill	<i>Lepomis macrochirus</i>	4
Brown Trout	<i>Salmo trutta</i>	4
Common Shiner	<i>Luxilus cornutus</i>	1
Largemouth Bass	<i>Micropterus salmoides</i>	1
Rainbow Trout	<i>Oncorhynchus mykiss</i>	1