

# FIBI048-R3r2

## Buckhorn Creek

Reeder Road

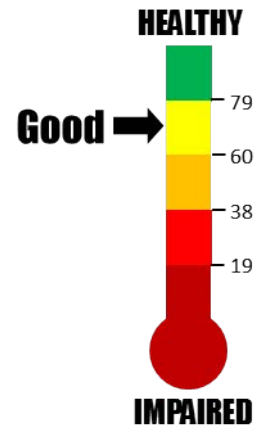
Municipality: Harmony Twp

County: Warren

Drainage Area (sq miles): 7.8

Sample Date: 06/26/2014

Site Type: Sentinel



### IBI Metrics

Metric 1-%Rheophilic Richness	40.18
Metric 2-%Cold Non-tolerant Coolwater	87.76
Metric 3-%Generalist Richness	64.18
Metric 4-Tolerance Index	79.28
Metric 5-%Lithophilic Richness	55.73
Metric 6-%Cyprinidae	76.18
Metric 7-%Dominant 3 Taxa	100.00
Metric 8-%Benthic Insectivore Richness	81.51

### Field Chemistry

Air Temp (°C)	26.8
Water Temperature (°C)	19.68
Dissolved Oxygen (mg/L)	9.13
% Saturation	99.2
pH	5.86
Conductivity (µS/cm)	164

*Northern Fish IBI Score (0-100): 73.10*

*IBI Rating: Good*

*High Gradient Habitat Score (0-200): 159*

*Habitat Rating: Suboptimal*

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## **Buckhorn Creek**

<b>Common Name</b>	<b>Scientific Name</b>	<b>Abundance</b>
Blacknose Dace	<i>Rhinichthys atratulus</i>	248
Tessellated Darter	<i>Etheostoma olmstedii</i>	54
Longnose Dace	<i>Rhinichthys cataractae</i>	33
American Eel	<i>Anguilla rostrata</i>	31
Creek Chub	<i>Semotilus atromaculatus</i>	31
Green Sunfish	<i>Lepomis cyanellus</i>	10
White Sucker	<i>Catostomus commersoni</i>	8
Margined Madtom	<i>Noturus insignis</i>	6
Pumpkinseed	<i>Lepomis gibbosus</i>	5
Brown Trout	<i>Salmo trutta</i>	4
Northern Hogsucker	<i>Hypentelium nigricans</i>	2
Sea Lamprey	<i>Petromyzon marinus</i>	2
Brown Bullhead	<i>Ameiurus nebulosus</i>	1