

# FIBI030-R3r

## Stony Brook

Stony Brook Road

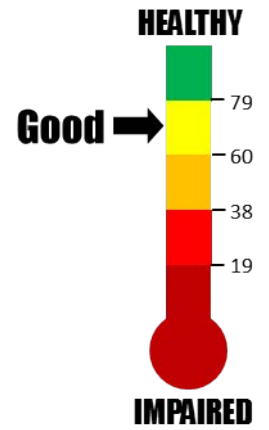
Municipality: Hopewell Twp

County: Mercer

Drainage Area (sq miles): 17

Sample Date: 06/20/2014

Site Type: Fixed



### IBI Metrics

Metric 1-%Rheophilic Richness	31.53
Metric 2-%Cold Non-tolerant Coolwater	80.45
Metric 3-%Generalist Richness	56.43
Metric 4-Tolerance Index	69.48
Metric 5-%Lithophilic Richness	43.47
Metric 6-%Cyprinidae	60.51
Metric 7-%Dominant 3 Taxa	81.62
Metric 8-%Benthic Insectivore Richness	52.98

### Field Chemistry

Air Temp (°C)	19.2
Water Temperature (°C)	19.36
Dissolved Oxygen (mg/L)	7.41
% Saturation	80.8
pH	7.05
Conductivity (µS/cm)	271.2

***Northern Fish IBI Score (0-100): 59.56***

***IBI Rating: Good***

***High Gradient Habitat Score (0-200): 135***

***Habitat Rating: Suboptimal***

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## **Stony Brook**

<b>Common Name</b>	<b>Scientific Name</b>	<b>Abundance</b>
Blacknose Dace	<i>Rhinichthys atratulus</i>	137
Tessellated Darter	<i>Etheostoma olmstedii</i>	64
White Sucker	<i>Catostomus commersoni</i>	39
Green Sunfish	<i>Lepomis cyanellus</i>	20
Bluegill	<i>Lepomis macrochirus</i>	15
Creek Chub	<i>Semotilus atromaculatus</i>	14
Largemouth Bass	<i>Micropterus salmoides</i>	6
Margined Madtom	<i>Noturus insignis</i>	4
American Eel	<i>Anguilla rostrata</i>	3
Common Shiner	<i>Luxilus cornutus</i>	1