

# **FIBI100-R3**

## **Culvers Creek**

Mill Street

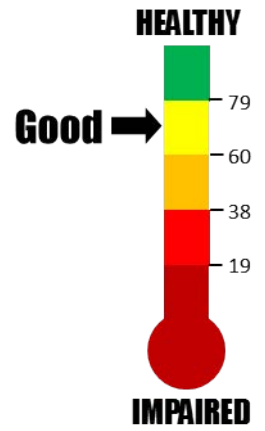
Municipality: Branchville Boro

County: Sussex

Drainage Area (sq miles): 11

Sample Date: 10/24/2012

Site Type: Fixed



### **IBI Metrics**

<b>Metric 1-%Rheophilic Richness</b>	61.88
<b>Metric 2-%Cold Non-tolerant Coolwater</b>	89.68
<b>Metric 3-%Generalist Richness</b>	56.43
<b>Metric 4-Tolerance Index</b>	79.48
<b>Metric 5-%Lithophilic Richness</b>	57.95
<b>Metric 6-%Cyprinidae</b>	87.82
<b>Metric 7-%Dominant 3 Taxa</b>	66.80
<b>Metric 8-%Benthic Insectivore Richness</b>	100.00

### **Field Chemistry**

<b>Air Temp (°C)</b>	12.6
<b>Water Temperature (°C)</b>	13.07
<b>Dissolved Oxygen (mg/L)</b>	9.95
<b>% Saturation</b>	94.7
<b>pH</b>	7.25
<b>Conductivity (µS/cm)</b>	198

***Northern Fish IBI Score (0-100): 75.01***

***IBI Rating: Good***

***High Gradient Habitat Score (0-200): 141***

***Habitat Rating: Suboptimal***

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## **Culvers Creek**

<b>Common Name</b>	<b>Scientific Name</b>	<b>Abundance</b>
Blacknose Dace	<i>Rhinichthys atratulus</i>	63
Longnose Dace	<i>Rhinichthys cataractae</i>	45
White Sucker	<i>Catostomus commersoni</i>	17
Tessellated Darter	<i>Etheostoma olmstedii</i>	12
Creek Chub	<i>Semotilus atromaculatus</i>	4
Redbreast Sunfish	<i>Lepomis auritus</i>	2
Margined Madtom	<i>Noturus insignis</i>	2
Cutlips Minnow	<i>Exoglossum maxillingua</i>	1
Bluegill	<i>Lepomis macrochirus</i>	1
Largemouth Bass	<i>Micropterus salmoides</i>	1