

# **FIBI026-R4**

## **Nishisakawick Creek**

**Creek Road @ Frenchtown Park**

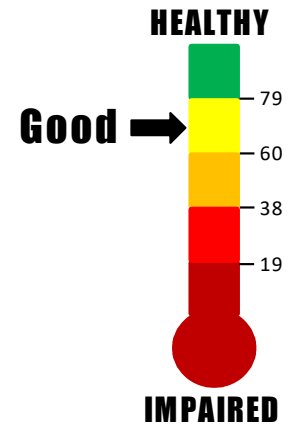
**Municipality: Frenchtown Boro**

**County: Hunterdon**

**Drainage Area (sq miles): 11**

**Sample Date: 7/12/2017**

**Site Type: Fixed**



### **IBI Metrics**

<b>Metric 1-%Rheophilic Richness</b>	34.55
<b>Metric 2-%Cold Non-tolerant Coolwater</b>	79.10
<b>Metric 3-%Generalist Richness</b>	69.02
<b>Metric 4-Tolerance Index</b>	70.70
<b>Metric 5-%Lithophilic Richness</b>	63.39
<b>Metric 6-%Cyprinidae</b>	81.00
<b>Metric 7-%Dominant 3 Taxa</b>	100.00
<b>Metric 8-%Benthic Insectivore Richness</b>	66.23

### **Field Chemistry**

<b>Air Temp (°C)</b>	26.2
<b>Water Temperature (°C)</b>	22.06
<b>Dissolved Oxygen (mg/L)</b>	8.8
<b>% Saturation</b>	99.7
<b>pH</b>	7.81
<b>Conductivity (µS/cm)</b>	257.9

***Northern Fish IBI Score (0-100): 70.50***

***IBI Rating: Good***

***High Gradient Habitat Score (0-200): 133***

***Habitat Rating: Suboptimal***

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## **Nishisakawick Creek**

<b>Common Name</b>	<b>Scientific Name</b>	<b>Abundance</b>
Blacknose Dace	<i>Rhinichthys atratulus</i>	686
American Eel	<i>Anguilla rostrata</i>	160
White Sucker	<i>Catostomus commersoni</i>	76
Common Shiner	<i>Luxilus cornutus</i>	53
Longnose Dace	<i>Rhinichthys cataractae</i>	43
Tessellated Darter	<i>Etheostoma olmstedi</i>	37
Margined Madtom	<i>Noturus insignis</i>	18
Cutlips Minnow	<i>Exoglossum maxillingua</i>	15
Redbreast Sunfish	<i>Lepomis auritus</i>	14
Rock Bass	<i>Ambloplites rupestris</i>	13
Smallmouth Bass	<i>Micropterus dolomieu</i>	9
Creek Chub	<i>Semotilus atromaculatus</i>	7
Spottail Shiner	<i>Notropis hudsonius</i>	6
Green Sunfish	<i>Lepomis cyanellus</i>	2
Yellow Bullhead	<i>Ameiurus natalis</i>	1
Brown Bullhead	<i>Ameiurus nebulosus</i>	1