

# **FIBI040-R3**

## **Papakating Creek WB**

**CR 565**

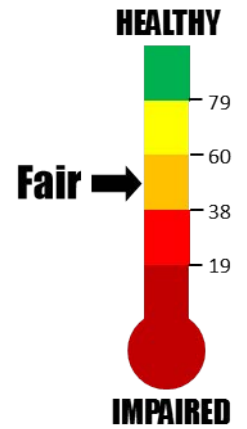
**Municipality: Wantage Twp**

**County: Sussex**

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

**Sample Date: 07/17/2012**

**Site Type: Fixed**



### **IBI Metrics**

<b>Metric 1-%Rheophilic Richness</b>	31.91
<b>Metric 2-%Cold Non-tolerant Coolwater</b>	86.11
<b>Metric 3-%Generalist Richness</b>	50.50
<b>Metric 4-Tolerance Index</b>	86.87
<b>Metric 5-%Lithophilic Richness</b>	42.61
<b>Metric 6-%Cyprinidae</b>	91.48
<b>Metric 7-%Dominant 3 Taxa</b>	31.19
<b>Metric 8-%Benthic Insectivore Richness</b>	46.75

### **Field Chemistry**

<b>Air Temp (°C)</b>	33.4
<b>Water Temperature (°C)</b>	23.21
<b>Dissolved Oxygen (mg/L)</b>	9.64
<b>% Saturation</b>	115.2
<b>pH</b>	7.83
<b>Conductivity (µS/cm)</b>	356

***Northern Fish IBI Score (0-100): 58.43***

***IBI Rating: Fair***

***High Gradient Habitat Score (0-200): 128***

***Habitat Rating: Suboptimal***

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## **Papakating Creek WB**

<b>Common Name</b>	<b>Scientific Name</b>	<b>Abundance</b>
Longnose Dace	<i>Rhinichthys cataractae</i>	309
Creek Chub	<i>Semotilus atromaculatus</i>	50
Common Shiner	<i>Luxilus cornutus</i>	49
Tessellated Darter	<i>Etheostoma olmstedii</i>	29
Largemouth Bass	<i>Micropterus salmoides</i>	26
Blacknose Dace	<i>Rhinichthys atratulus</i>	23
Redbreast Sunfish	<i>Lepomis auritus</i>	21
White Sucker	<i>Catostomus commersoni</i>	15
Cutlips Minnow	<i>Exoglossum maxillingua</i>	11
Eastern Mudminnow	<i>Umbra pygmaea</i>	8
Bluegill	<i>Lepomis macrochirus</i>	7
Pumpkinseed	<i>Lepomis gibbosus</i>	4
Green Sunfish	<i>Lepomis cyanellus</i>	4
Redfin Pickerel	<i>Esox americanus americanus</i>	3
Satinfin Shiner	<i>Cyprinella analostana</i>	1
Western Mosquitofish	<i>Gambusia affinis</i>	1
Brown Bullhead	<i>Ameiurus nebulosus</i>	1