

# **FIBI050-R4** **Lubbers Run**

Maxim Drive

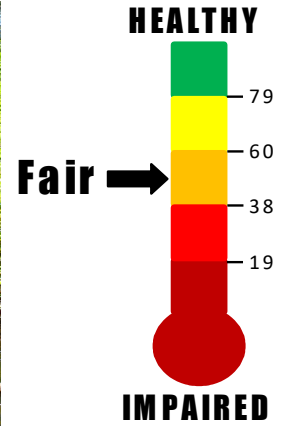
Municipality: Byram Twp

County: Sussex

Drainage Area (sq miles): 7

Sample Date: 6/14/2017

Site Type: Fixed



## **IBI Metrics**

Metric 1-%Rheophilic Richness	18.19
Metric 2-%Cold Non-tolerant Coolwater	58.41
Metric 3-%Generalist Richness	36.28
Metric 4-Tolerance Index	82.03
Metric 5-%Lithophilic Richness	28.98
Metric 6-%Cyprinidae	54.89
Metric 7-%Dominant 3 Taxa	88.52
Metric 8-%Benthic Insectivore Richness	52.98

## **Field Chemistry**

Air Temp (°C)	24.2
Water Temperature (°C)	22.29
Dissolved Oxygen (mg/L)	8.1
% Saturation	95.1
pH	7.74
Conductivity (µS/cm)	540.3
Total Kjeldahl (mg/L)	0.33
Total Phosphorus (mg/L)	0.03
Nitrate/Nitrite (mg/L)	0.12

***Northern Fish IBI Score (0-100): 52.53***

***IBI Rating: Fair***

***High Gradient Habitat Score (0-200): 161***

***Habitat Rating: Optimal***

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## **Lubbers Run**

<b>Common Name</b>	<b>Scientific Name</b>	<b>Abundance</b>
Blacknose Dace	<i>Rhinichthys atratulus</i>	133
Bluegill	<i>Lepomis macrochirus</i>	57
Pumpkinseed	<i>Lepomis gibbosus</i>	19
Tessellated Darter	<i>Etheostoma olmstedi</i>	12
Creek Chub	<i>Semotilus atromaculatus</i>	7
Redbreast Sunfish	<i>Lepomis auritus</i>	7
Redfin Pickerel	<i>Esox americanus americanus</i>	3
Largemouth Bass	<i>Micropterus salmoides</i>	2
Margined Madtom	<i>Noturus insignis</i>	2
Yellow Bullhead	<i>Ameiurus natalis</i>	1