

# FIBI059a-R4

## Pascack Brook

Terrace Drive

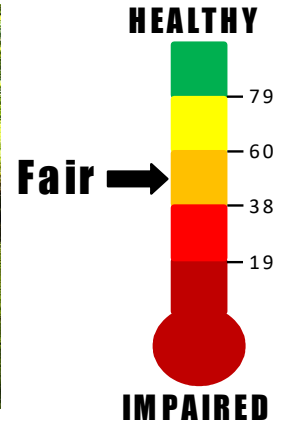
Municipality: Westwood

County: Bergen

Drainage Area (sq miles): 10

Sample Date: 8 /10/2018

Site Type: Fixed



### IBI Metrics

Metric 1-%Rheophilic Richness	39.43
Metric 2-%Cold Non-tolerant Coolwater	52.71
Metric 3-%Generalist Richness	70.82
Metric 4-Tolerance Index	80.59
Metric 5-%Lithophilic Richness	20.70
Metric 6-%Cyprinidae	0.00
Metric 7-%Dominant 3 Taxa	10.05
Metric 8-%Benthic Insectivore Richness	75.69

### Field Chemistry

Air Temp (°C)	27.9
Water Temperature (°C)	22.57
Dissolved Oxygen (mg/L)	6.1
% Saturation	70.1
pH	7.32
Conductivity (µS/cm)	528.1
Total Kjeldahl (mg/L)	0.44
Total Phosphorus (mg/L)	0.10
Nitrate/Nitrite (mg/L)	0.71

*Northern Fish IBI Score (0-100): 43.75*

*IBI Rating: Fair*

*High Gradient Habitat Score (0-200): 118*

*Habitat Rating: Suboptimal*

**Summary:** This site was relocated approximately 2 miles upstream of FIBI059.

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## **Pascack Brook**

<b>Common Name</b>	<b>Scientific Name</b>	<b>Abundance</b>
Tessellated Darter	<i>Etheostoma olmstedii</i>	73
Largemouth Bass	<i>Micropterus salmoides</i>	37
Redbreast Sunfish	<i>Lepomis auritus</i>	13
White Sucker	<i>Catostomus commersonii</i>	12
Longnose Dace	<i>Rhinichthys cataractae</i>	4
Yellow Bullhead	<i>Ameiurus natalis</i>	3
Yellow Perch	<i>Perca flavescens</i>	1