

FIBI076-R4

Pohatcong Creek

Edison Road

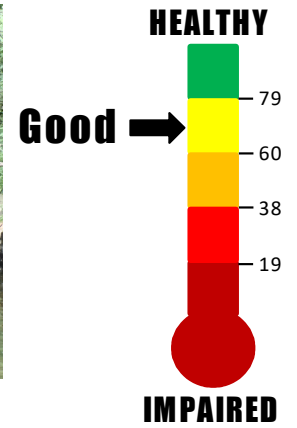
Municipality: Franklin Twp

County: Warren

Drainage Area (sq miles): 33

Sample Date: 8 /11/2017

Site Type: Fixed



IBI Metrics

Metric 1-%Rheophilic Richness	47.31
Metric 2-%Cold Non-tolerant Coolwater	45.47
Metric 3-%Generalist Richness	97.92
Metric 4-Tolerance Index	95.04
Metric 5-%Lithophilic Richness	76.70
Metric 6-%Cyprinidae	56.78
Metric 7-%Dominant 3 Taxa	60.01
Metric 8-%Benthic Insectivore Richness	77.91

Field Chemistry

Air Temp (°C)	24.5
Water Temperature (°C)	20.55
Dissolved Oxygen (mg/L)	10.8
% Saturation	120.3
pH	8.31
Conductivity (µS/cm)	308.6
Total Kjeldahl (mg/L)	0.25
Total Phosphorus (mg/L)	0.18
Nitrate/Nitrite (mg/L)	1.36

Northern Fish IBI Score (0-100): 69.64

IBI Rating: Good

High Gradient Habitat Score (0-200): 128

Habitat Rating: Suboptimal

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Common Name	Scientific Name	Abundance
Cutlips Minnow	<i>Exoglossum maxillingua</i>	110
Redbreast Sunfish	<i>Lepomis auritus</i>	73
American Eel	<i>Anguilla rostrata</i>	69
Tessellated Darter	<i>Etheostoma olmstedii</i>	62
Blacknose Dace	<i>Rhinichthys atratulus</i>	51
White Sucker	<i>Catostomus commersoni</i>	25
Banded Killifish	<i>Fundulus diaphanus</i>	14
Margined Madtom	<i>Noturus insignis</i>	14
Shield Darter	<i>Percina peltata</i>	9
Longnose Dace	<i>Rhinichthys cataractae</i>	8
Creek Chub	<i>Semotilus atromaculatus</i>	8
Sea Lamprey	<i>Petromyzon marinus</i>	6
Rock Bass	<i>Ambloplites rupestris</i>	5
Largemouth Bass	<i>Micropterus salmoides</i>	4
Common Shiner	<i>Luxilus cornutus</i>	3
Swallowtail Shiner	<i>Notropis procne</i>	2
Brown Trout	<i>Salmo trutta</i>	1