

FIBI008b-R4r

Capoolong Creek

Lower Landsdown Road

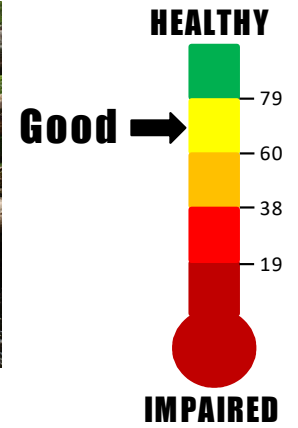
Municipality: Franklin Twp

County: Hunterdon

Drainage Area (sq miles): 14

Sample Date: 7 /6 /2018

Site Type: Sentinel



IBI Metrics

Metric 1-%Rheophilic Richness	52.82
Metric 2-%Cold Non-tolerant Coolwater	95.69
Metric 3-%Generalist Richness	73.22
Metric 4-Tolerance Index	80.80
Metric 5-%Lithophilic Richness	60.37
Metric 6-%Cyprinidae	89.51
Metric 7-%Dominant 3 Taxa	95.40
Metric 8-%Benthic Insectivore Richness	66.23

Field Chemistry

Air Temp (°C)	23.9
Water Temperature (°C)	21.71
Dissolved Oxygen (mg/L)	8.4
% Saturation	94.9
pH	7.27
Conductivity (µS/cm)	248.9
Total Kjeldahl (mg/L)	0.12
Total Phosphorus (mg/L)	0.04
Nitrate/Nitrite (mg/L)	2.73

Northern Fish IBI Score (0-100): 76.75

IBI Rating: Good

High Gradient Habitat Score (0-200): 150

Habitat Rating: Suboptimal

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Common Name	Scientific Name	Abundance
Blacknose Dace	<i>Rhinichthys atratulus</i>	583
Longnose Dace	<i>Rhinichthys cataractae</i>	145
Tessellated Darter	<i>Etheostoma olmstedi</i>	94
American Eel	<i>Anguilla rostrata</i>	76
White Sucker	<i>Catostomus commersonii</i>	29
Margined Madtom	<i>Noturus insignis</i>	25
Green Sunfish	<i>Lepomis cyanellus</i>	12
Brown Trout	<i>Salmo trutta</i>	11
Creek Chub	<i>Semotilus atromaculatus</i>	9
Common Shiner	<i>Luxilus cornutus</i>	3
Largemouth Bass	<i>Micropterus salmoides</i>	1
Redbreast Sunfish	<i>Lepomis auritus</i>	1