

FIBI008b-R3r

Capoolong Creek

Lower Landsdown Road

Municipality: Franklin Twp

County: Hunterdon

Drainage Area (sq miles): 14

Sample Date: 07/22/2013

Site Type: Sentinel



IBI Metrics

Metric 1-%Rheophilic Richness	52.82
Metric 2-%Cold Non-tolerant Coolwater	91.61
Metric 3-%Generalist Richness	90.02
Metric 4-Tolerance Index	75.11
Metric 5-%Lithophilic Richness	72.44
Metric 6-%Cyprinidae	94.45
Metric 7-%Dominant 3 Taxa	90.39
Metric 8-%Benthic Insectivore Richness	66.23

Field Chemistry

Air Temp (°C)	28.3
Water Temperature (°C)	21.33
Dissolved Oxygen (mg/L)	8.78
% Saturation	98
pH	5.82
Conductivity (µS/cm)	204

Northern Fish IBI Score (0-100): 79.13

IBI Rating: Excellent

High Gradient Habitat Score (0-200): 156

Habitat Rating: Suboptimal

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Common Name	Scientific Name	Abundance
Blacknose Dace	<i>Rhinichthys atratulus</i>	434
Longnose Dace	<i>Rhinichthys cataractae</i>	166
White Sucker	<i>Catostomus commersoni</i>	88
American Eel	<i>Anguilla rostrata</i>	35
Tessellated Darter	<i>Etheostoma olmstedii</i>	34
Common Shiner	<i>Luxilus cornutus</i>	32
Creek Chub	<i>Semotilus atromaculatus</i>	16
Brown Trout	<i>Salmo trutta</i>	11
Green Sunfish	<i>Lepomis cyanellus</i>	4
Margined Madtom	<i>Noturus insignis</i>	3
Smallmouth Bass	<i>Micropterus dolomieu</i>	1
Largemouth Bass	<i>Micropterus salmoides</i>	1