

FIBI054-R3

Lamington River

McCann Mill Road

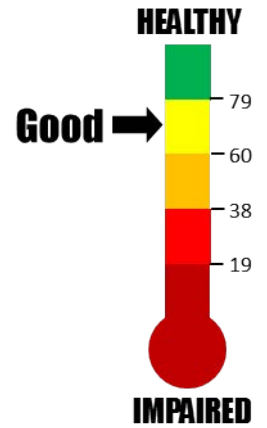
Municipality: Tewksbury Twp

County: Hunterdon

Drainage Area (sq miles): 44

Sample Date: 07/01/2014

Site Type: Fixed



IBI Metrics

Metric 1-%Rheophilic Richness	94.65
Metric 2-%Cold Non-tolerant Coolwater	81.31
Metric 3-%Generalist Richness	86.07
Metric 4-Tolerance Index	68.17
Metric 5-%Lithophilic Richness	68.18
Metric 6-%Cyprinidae	76.78
Metric 7-%Dominant 3 Taxa	84.18
Metric 8-%Benthic Insectivore Richness	62.33

Field Chemistry

Air Temp (°C)	28.8
Water Temperature (°C)	20.8
Dissolved Oxygen (mg/L)	9.22
% Saturation	101.7
pH	6.35
Conductivity (µS/cm)	336

Northern Fish IBI Score (0-100): 77.71

IBI Rating: Good

High Gradient Habitat Score (0-200): 165

Habitat Rating: Optimal

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Common Name	Scientific Name	Abundance
Blacknose Dace	<i>Rhinichthys atratulus</i>	136
American Eel	<i>Anguilla rostrata</i>	70
White Sucker	<i>Catostomus commersoni</i>	60
Longnose Dace	<i>Rhinichthys cataractae</i>	59
Tessellated Darter	<i>Etheostoma olmstedii</i>	45
Redbreast Sunfish	<i>Lepomis auritus</i>	28
Common Shiner	<i>Luxilus cornutus</i>	21
American Brook Lamprey	<i>Lethenteron appendix</i>	18
Satinfin Shiner	<i>Cyprinella analostana</i>	14
Fallfish	<i>Semotilus corporalis</i>	13
Margined Madtom	<i>Noturus insignis</i>	7
Brown Trout	<i>Salmo trutta</i>	7
Pumpkinseed	<i>Lepomis gibbosus</i>	2
Creek Chub	<i>Semotilus atromaculatus</i>	2
Shield Darter	<i>Percina peltata</i>	1
Eastern Mudminnow	<i>Umbra pygmaea</i>	1
Spottail Shiner	<i>Notropis hudsonius</i>	1