

NJPB-103-R3

Lamington River

Mccann Mill Road

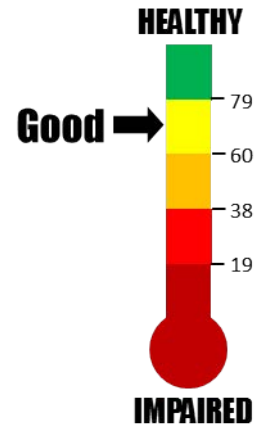
Municipality: Bedminster Twp

County: Somerset

Drainage Area (sq miles): 44

Sample Date: 06/21/2013

Site Type: Probabilistic



IBI Metrics

Metric 1-%Rheophilic Richness	89.86
Metric 2-%Cold Non-tolerant Coolwater	93.83
Metric 3-%Generalist Richness	78.82
Metric 4-Tolerance Index	73.39
Metric 5-%Lithophilic Richness	64.39
Metric 6-%Cyprinidae	73.51
Metric 7-%Dominant 3 Taxa	56.31
Metric 8-%Benthic Insectivore Richness	58.87

Field Chemistry

Air Temp (°C)	24.3
Water Temperature (°C)	17.89
Dissolved Oxygen (mg/L)	9.76
% Saturation	101.5
pH	7.63
Conductivity (µS/cm)	284.7

Northern Fish IBI Score (0-100): 73.62

IBI Rating: Good

High Gradient Habitat Score (0-200): 160

Habitat Rating: Optimal

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Common Name	Scientific Name	Abundance
Blacknose Dace	<i>Rhinichthys atratulus</i>	228
Tessellated Darter	<i>Etheostoma olmstedii</i>	216
Common Shiner	<i>Luxilus cornutus</i>	146
White Sucker	<i>Catostomus commersoni</i>	136
Redbreast Sunfish	<i>Lepomis auritus</i>	63
Fallfish	<i>Semotilus corporalis</i>	24
American Brook Lamprey	<i>Lethenteron appendix</i>	14
Creek Chub	<i>Semotilus atromaculatus</i>	12
American Eel	<i>Anguilla rostrata</i>	12
Longnose Dace	<i>Rhinichthys cataractae</i>	8
Pumpkinseed	<i>Lepomis gibbosus</i>	6
Margined Madtom	<i>Noturus insignis</i>	4
Swallowtail Shiner	<i>Notropis procne</i>	4
Satinfin Shiner	<i>Cyprinella analostana</i>	2
Sea Lamprey	<i>Petromyzon marinus</i>	1
Shield Darter	<i>Percina peltata</i>	1
Yellow Bullhead	<i>Ameiurus natalis</i>	1
Bluegill	<i>Lepomis macrochirus</i>	1