

NJPB-119-R1

India Brook

India Brook Drive

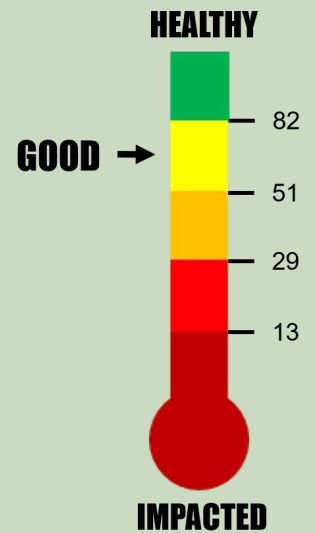
Municipality: Mendham

County: Morris

Drainage Area (sq miles): 3.9

Sample Date: 7/9/2014

Site Type: Probabilistic



Metric 1 - Number of intolerant vertebrate species	100.00
Metric 2 - Proportion of vertebrate species as top carnivores	60.73
Metric 3 -Percent tolerant fish	95.92
Metric 4 -Proportion of total richness as native	78.57
Metric 5 -Percent native crayfish	100.00
Metric 6 -Brook trout density	0.00

Air Temperature (°C)	23.4
Water Temperature (°C)	19.4
Dissolved Oxygen (mg/L)	8.55
% Saturation	92.4
pH	5.87
Conductivity (uS/cm)	334

Headwaters IBI Score (0-100): ***72.54***

IBI Rating: ***Good***

High Gradient Habitat Score (0-200): ***170***

Habitat Rating: ***Optimal***

NJPB-119-R1

India Brook

Common Name	Scientific Name	Abundance
Brown Trout	<i>Salmo trutta</i>	134
Longnose Dace	<i>Rhinichthys cataractae</i>	42
Northern Two-lined Salamander	<i>Eurycea bislineata</i>	27
Blacknose Dace	<i>Rhinichthys atratulus</i>	12
Common Crayfish	<i>Cambarus bartonii bartonii</i>	7
White Sucker	<i>Catostomus commersoni</i>	5
Bluegill	<i>Lepomis macrochirus</i>	4
American Brook Lamprey	<i>Lampetra appendix</i>	2
Pumpkinseed	<i>Lepomis gibbosus</i>	2
Fallfish	<i>Semotilus corporalis</i>	2
Northern Red Salamander	<i>Pseudotriton ruber ruber</i>	1
Green Frog	<i>Lithobates clamitans</i>	1
Bullfrog	<i>Lithobates catesbeianus</i>	1
Green Sunfish	<i>Lepomis cyanellus</i>	1