

# FIBI537-R1

## India Brook

Combs Hollow Road

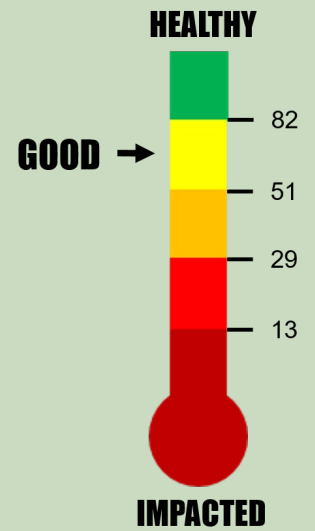
Municipality: Randolph

County: Morris

Drainage Area (sq miles): 3.1

Sample Date: 7/7/2014

Site Type: Fixed



Metric 1 - Number of intolerant vertebrate species	66.67
Metric 2 - Proportion of vertebrate species as top carnivores	32.89
Metric 3 -Percent tolerant fish	98.04
Metric 4 -Proportion of total richness as native	80.00
Metric 5 -Percent native crayfish	100.00
Metric 6 -Brook trout density	0.00

Air Temperature (°C)	24.7
Water Temperature (°C)	18.38
Dissolved Oxygen (mg/L)	8.67
% Saturation	91.3
pH	6.47
Conductivity (uS/cm)	409

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***Headwaters IBI Score (0-100):*** ***62.93***

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***IBI Rating:*** ***Good***

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***High Gradient Habitat Score (0-200):*** ***160***

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***Habitat Rating:*** ***Optimal***

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## **India Brook**

<b>Common Name</b>	<b>Scientific Name</b>	<b>Abundance</b>
Brown Trout	<i>Salmo trutta</i>	130
Blacknose Dace	<i>Rhinichthys atratulus</i>	66
Northern Two-lined Salamander	<i>Eurycea bislineata</i>	17
Common Crayfish	<i>Cambarus bartonii bartonii</i>	11
White Sucker	<i>Catostomus commersoni</i>	4
Tessellated Darter	<i>Etheostoma olmstedi</i>	4
Bluegill	<i>Lepomis macrochirus</i>	4
Creek Chub	<i>Semotilus atromaculatus</i>	3
Spinycheek Crayfish	<i>Orconectes limosus</i>	2
American Brook Lamprey	<i>Lampetra appendix</i>	1