

FIBI519-R1

Jackson Brook

off Indian Falls Road

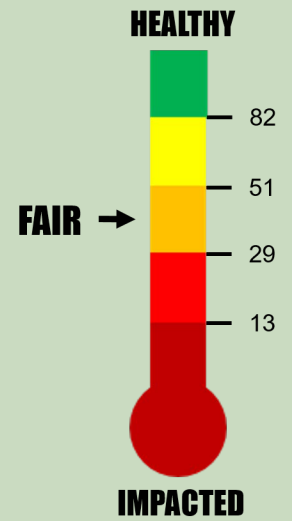
Municipality: Mine Hill

County: Morris

Drainage Area (sq miles): 1.6

Sample Date: 7/31/2013

Site Type: Fixed



Metric 1 - Number of intolerant vertebrate species	33.33
Metric 2 - Proportion of vertebrate species as top carnivores	43.86
Metric 3 -Percent tolerant fish	86.63
Metric 4 -Proportion of total richness as native	83.33
Metric 5 -Percent native crayfish	0.00
Metric 6 -Brook trout density	0.00

Air Temperature (°C)	25.1
Water Temperature (°C)	19.76
Dissolved Oxygen (mg/L)	9.48
% Saturation	105.1
pH	7.51
Conductivity (uS/cm)	751

Headwaters IBI Score (0-100): ***41.19***

IBI Rating: ***Fair***

High Gradient Habitat Score (0-200): ***145***

Habitat Rating: ***Suboptimal***

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Common Name	Scientific Name	Abundance
Blacknose Dace	<i>Rhinichthys atratulus</i>	420
Creek Chub	<i>Semotilus atromaculatus</i>	104
White Sucker	<i>Catostomus commersoni</i>	82
Brown Trout	<i>Salmo trutta</i>	31
Northern Two-lined Salamander	<i>Eurycea bislineata</i>	3
Longnose Dace	<i>Rhinichthys cataractae</i>	1