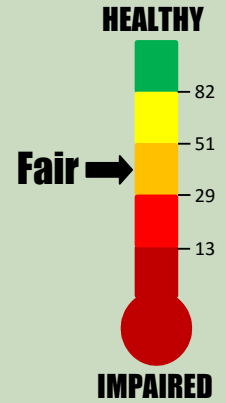


FIBI567-R1 Lake Stockholm Brook



Rock Lodge Rd

Municipality: Hardyston

County: Sussex

Drainage Area (sq miles): 1.02

Average Width (m): 5.15

Sample Date: 5 /22/2018

Site Type: Fixed

Metric 1 - Number of intolerant vertebrate species	0.00
Metric 2 - Proportion of vertebrate species as top carnivores	32.89
Metric 3 -Percent tolerant fish	64.59
Metric 4 -Proportion of total richness as native	77.78
Metric 5 -Percent native crayfish	0.00
Metric 6 -Brook trout density	0.00

Air Temperature (°C)	16.2
Water Temperature (°C)	16.71
Dissolved Oxygen (mg/L)	8.99
% Saturation	94.4
pH	7.25
Conductivity (uS/cm)	363.3
Nitrate/Nitrite (mg/L):	0.305
Total Kjeldahl (mg/L):	0.227
Total Phosphorus (mg/L):	0.0273

Headwaters IBI Score (0-100): ***29.21***

IBI Rating: ***Fair***

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

Habitat Rating: ***Optimal***

FIBI567-R1

Lake Stockholm Brook

Common Name	Scientific Name	Abundance
Creek Chub	<i>Semotilus atromaculatus</i>	88
Pumpkinseed	<i>Lepomis gibbosus</i>	48
Bluegill	<i>Lepomis macrochirus</i>	4
Northern Two-lined Salamander	<i>Eurycea bislineata</i>	4
Virile Crayfish	<i>Orconectes virilis</i>	2
Yellow Perch	<i>Perca flavescens</i>	2
Pickerel Frog	<i>Lithobates palustris</i>	1
Banded Killifish	<i>Fundulus diaphanus</i>	1
Redbreast Sunfish	<i>Lepomis auritus</i>	1