

FIBI587-R1

Cold Brook

Cold Spring Rd

Municipality: Tewksbury Twp

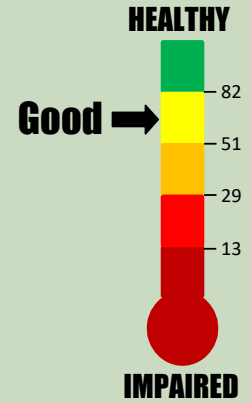
County: Hunterdon

Drainage Area (sq miles): 0.79

Average Width (m): 5.65

Sample Date: 8 /5 /2019

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	97.21
Metric 4 -Proportion of total richness as native	85.71
Metric 5 -Percent native crayfish	100.00
Metric 6 -Brook trout density	0.00

Air Temperature (°C)	22.9
Water Temperature (°C)	17.91
Dissolved Oxygen (mg/L)	9.12
% Saturation	96.8
pH	7.12
Conductivity (uS/cm)	247.4
Nitrate/Nitrite (mg/L):	1.43
Total Kjeldahl (mg/L):	0.108
Total Phosphorus (mg/L):	0.0254

Headwaters IBI Score (0-100): ***60.02***

IBI Rating: ***Good***

High Gradient Habitat Score (0-200): ***155***

Habitat Rating: ***Suboptimal***

FIBI587-R1

Cold Brook

Common Name	Scientific Name	Abundance
Blacknose Dace	<i>Rhinichthys atratulus</i>	80
Northern Two-lined Salamander	<i>Eurycea bislineata</i>	33
Brown Trout	<i>Salmo trutta</i>	23
Green Frog	<i>Lithobates clamitans</i>	12
Common Crayfish	<i>Cambarus bartonii bartonii</i>	6
Creek Chub	<i>Semotilus atromaculatus</i>	6
American Eel	<i>Anguilla rostrata</i>	3