

FIBI552-R1

Cowboy Creek

Stanhope Sparta Rd

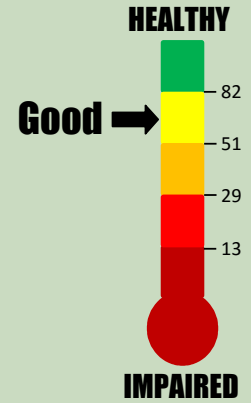
Municipality: Byram

County: Sussex

Drainage Area (sq miles): 0.71

Sample Date: 7 /26/2017

Site Type: Fixed



Metric 1 - Number of intolerant vertebrate species	33.33
Metric 2 - Proportion of vertebrate species as top carnivores	100.00
Metric 3 -Percent tolerant fish	100.00
Metric 4 -Proportion of total richness as native	100.00
Metric 5 -Percent native crayfish	0.00
Metric 6 -Brook trout density	0.00

Air Temperature (°C)	20.2
Water Temperature (°C)	18.21
Dissolved Oxygen (mg/L)	7.80
% Saturation	84.5
pH	7.19
Conductivity (uS/cm)	579.6
Nitrate/Nitrite (mg/L):	0.341
Total Kjeldahl (mg/L):	0.473
Total Phosphorus (mg/L):	0.0883

Headwaters IBI Score (0-100): ***55.56***

IBI Rating: ***Good***

High Gradient Habitat Score (0-200): ***150***

Habitat Rating: ***Suboptimal***

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Common Name	Scientific Name	Abundance
Creek Chub	<i>Semotilus atromaculatus</i>	81
Green Frog	<i>Lithobates clamitans</i>	24
Northern Red Salamander	<i>Pseudotriton ruber ruber</i>	2
Bullfrog	<i>Lithobates catesbeianus</i>	1