

NJPB-185-R1

Capoolong Creek Tributary

West Sydney Road

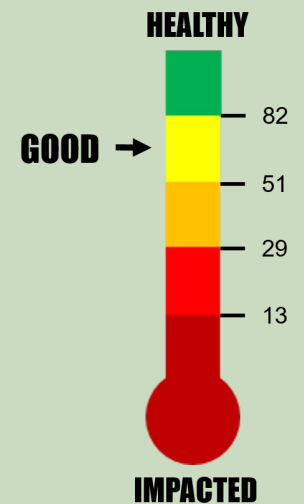
Municipality: Franklin

County: Hunterdon

Drainage Area (sq miles): 1.0

Sample Date: 7/14/2014

Site Type: Probabilistic



Metric 1 - Number of intolerant vertebrate species	66.67
Metric 2 - Proportion of vertebrate species as top carnivores	65.79
Metric 3 -Percent tolerant fish	99.17
Metric 4 -Proportion of total richness as native	88.89
Metric 5 -Percent native crayfish	100.00
Metric 6 -Brook trout density	0.00

Air Temperature (°C)	25.8
Water Temperature (°C)	19.53
Dissolved Oxygen (mg/L)	8.2
% Saturation	88
pH	5.73
Conductivity (uS/cm)	211

Headwaters IBI Score (0-100): ***70.09***

IBI Rating: ***Good***

High Gradient Habitat Score (0-200): ***132***

Habitat Rating: ***Suboptimal***

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Common Name	Scientific Name	Abundance
Blacknose Dace	<i>Rhinichthys atratulus</i>	920
Northern Two-lined Salamander	<i>Eurycea bislineata</i>	150
Longnose Dace	<i>Rhinichthys cataractae</i>	40
Creek Chub	<i>Semotilus atromaculatus</i>	37
American Eel	<i>Anguilla rostrata</i>	8
Northern Red Salamander	<i>Pseudotriton ruber ruber</i>	7
Common Crayfish	<i>Cambarus bartonii bartonii</i>	6
Satinfin Shiner	<i>Cyprinella analostana</i>	2
Brown Trout	<i>Salmo trutta</i>	1