

NJS2016-044-R1

Pophandusing Brook

Quarry Road

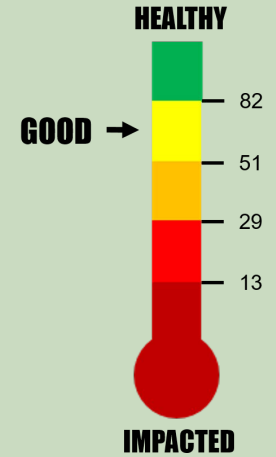
Municipality: White

County: Warren

Drainage Area (sq miles): 1.1

Sample Date: 7 /28/2016

Site Type: Probabilistic



Metric 1 - Number of intolerant vertebrate species	66.67
Metric 2 - Proportion of vertebrate species as top carnivores	75.19
Metric 3 -Percent tolerant fish	96.25
Metric 4 -Proportion of total richness as native	87.50
Metric 5 -Percent native crayfish	100.00
Metric 6 -Brook trout density	0.00

Air Temperature (°C)	22.22
Water Temperature (°C)	18.82
Dissolved Oxygen (mg/L)	9.03
% Saturation	98.1
pH	7.77
Conductivity (uS/cm)	797

Headwaters IBI Score (0-100): **70.93**

IBI Rating: **Good**

High Gradient Habitat Score (0-200): **127**

Habitat Rating: **Suboptimal**

Summary: NJS2016-044 was rated as "good" in 2016. Notably, a longtail salamander (pictured), a NJ state listed threatened species was found at this site. The sighting was reported to the New Jersey Fish and Wildlife Endangered and Nongame Species Program.

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Common Name	Scientific Name	Abundance
Blacknose Dace	<i>Rhinichthys atratulus</i>	104
Northern Two-lined Salamander	<i>Eurycea bislineata</i>	18
Green Frog	<i>Lithobates clamitans</i>	5
American Eel	<i>Anguilla rostrata</i>	4
Bullfrog	<i>Lithobates catesbeianus</i>	3
Common Crayfish	<i>Cambarus bartonii bartonii</i>	3
Brown Trout	<i>Salmo trutta</i>	2
Longtail Salamander	<i>Eurycea longicauda longicauda</i>	1