

NJS2016-029-R1

Lamington River Tributary

Tennis Road

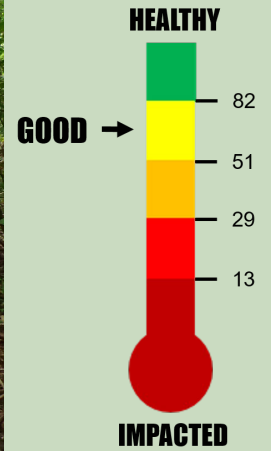
Municipality: Chester

County: Morris

Drainage Area (sq miles): 0.8

Sample Date: 9 /7 /2016

Site Type: Probabilistic



Metric 1 - Number of intolerant vertebrate species	33.33
Metric 2 - Proportion of vertebrate species as top carnivores	47.85
Metric 3 -Percent tolerant fish	99.58
Metric 4 -Proportion of total richness as native	83.33
Metric 5 -Percent native crayfish	100.00
Metric 6 -Brook trout density	0.00

Air Temperature (°C)	23.3
Water Temperature (°C)	19.67
Dissolved Oxygen (mg/L)	8.31
% Saturation	92.5
pH	7.2
Conductivity (uS/cm)	447

Headwaters IBI Score (0-100): 60.68

IBI Rating: Good

High Gradient Habitat Score (0-200): 127

Habitat Rating: Suboptimal

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Common Name	Scientific Name	Abundance
Blacknose Dace	<i>Rhinichthys atratulus</i>	157
Creek Chub	<i>Semotilus atromaculatus</i>	74
Green Frog	<i>Lithobates clamitans</i>	25
Northern Two-lined Salamander	<i>Eurycea bislineata</i>	7
Eastern Mudminnow	<i>Umbra pygmaea</i>	7
Redfin Pickerel	<i>Esox americanus americanus</i>	4
Tessellated Darter	<i>Etheostoma olmstedii</i>	2
Spinycheek Crayfish	<i>Orconectes limosus</i>	2
Green Sunfish	<i>Lepomis cyanellus</i>	1
Largemouth Bass	<i>Micropterus salmoides</i>	1
Northern Dusky Salamander	<i>Desmognathus fuscus</i>	1
Sea Lamprey	<i>Petromyzon marinus</i>	1