

NJS2016-055-R1

Mulhockaway Creek Tributary

Bellwood Ave

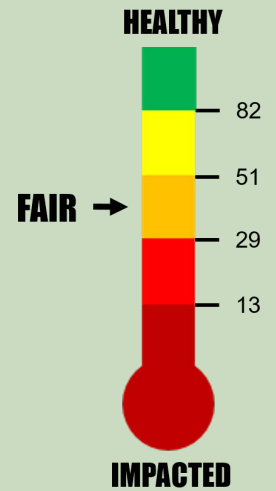
Municipality: Union

County: Hunterdon

Drainage Area (sq miles): 0.2

Sample Date: 8 /2 /2016

Site Type: Probabilistic



Metric 1 - Number of intolerant vertebrate species	0.00
Metric 2 - Proportion of vertebrate species as top carnivores	0.00
Metric 3 -Percent tolerant fish	100.00
Metric 4 -Proportion of total richness as native	80.00
Metric 5 -Percent native crayfish	0.00
Metric 6 -Brook trout density	0.00

Air Temperature (°C)	25
Water Temperature (°C)	18.62
Dissolved Oxygen (mg/L)	8.48
% Saturation	91.7
pH	7.25
Conductivity (uS/cm)	621.7

Headwaters IBI Score (0-100): 30.00

IBI Rating: Fair

High Gradient Habitat Score (0-200): 136

Habitat Rating: Suboptimal

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Common Name	Scientific Name	Abundance
Blacknose Dace	<i>Rhinichthys atratulus</i>	68
Northern Two-lined Salamander	<i>Eurycea bislineata</i>	38
Creek Chub	<i>Semotilus atromaculatus</i>	7
Green Frog	<i>Lithobates clamitans</i>	4
Virile Crayfish	<i>Orconectes virilis</i>	2