

FIBI560-R1

Dwars Kill

Blanch Ave

Municipality: Closter

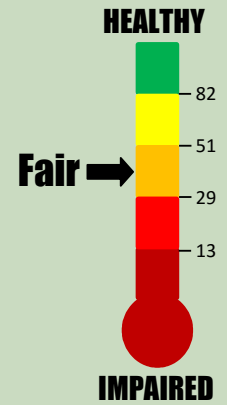
County: Bergen

Drainage Area (sq miles):1.15

Average Width (m): 3.30

Sample Date: 9 /6 /2018

Site Type: Fixed



Metric 1 - Number of intolerant vertebrate species	33.33
Metric 2 - Proportion of vertebrate species as top carnivores	0.00
Metric 3 -Percent tolerant fish	87.54
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)	29.7
Water Temperature (°C)	22.38
Dissolved Oxygen (mg/L)	7.80
% Saturation	88.1
pH	7.39
Conductivity (uS/cm)	496.4
Nitrate/Nitrite (mg/L):	1.65
Total Kjeldahl (mg/L):	0.134
Total Phosphorus (mg/L):	0.0504

Headwaters IBI Score (0-100): ***33.48***

IBI Rating: ***Fair***

High Gradient Habitat Score (0-200): ***106***

Habitat Rating: ***Marginal***

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Common Name	Scientific Name	Abundance
Creek Chub	<i>Semotilus atromaculatus</i>	424
White Sucker	<i>Catostomus commersonii</i>	53
Blacknose Dace	<i>Rhinichthys atratulus</i>	29
Tessellated Darter	<i>Etheostoma olmstedii</i>	24
American Brook Lamprey	<i>Lethenteron appendix</i>	22
Green Sunfish	<i>Lepomis cyanellus</i>	15
Northern Two-lined Salamander	<i>Eurycea bislineata</i>	9
Green Frog	<i>Lithobates clamitans</i>	2
Virile Crayfish	<i>Orconectes virilis</i>	2
Yellow Bullhead	<i>Ameiurus natalis</i>	1