

FIBI579-R1

Wolf Creek

Elm Ave

Municipality: Fairview

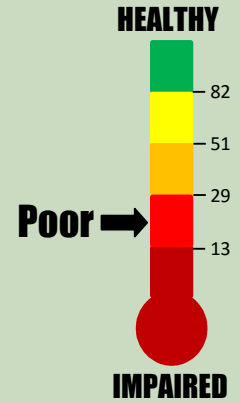
County: Bergen

Drainage Area (sq miles):1.77

Average Width (m): 4.60

Sample Date: 9 /7 /2018

Site Type: Fixed



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	0.00
Metric 4 -Proportion of total richness as native	100.00
Metric 5 -Percent native crayfish	0.00
Metric 6 -Brook trout density	0.00

Air Temperature (°C)	23.9
Water Temperature (°C)	22.35
Dissolved Oxygen (mg/L)	7.10
% Saturation	80.4
pH	7.25
Conductivity (uS/cm)	1108
Nitrate/Nitrite (mg/L):	1.66
Total Kjeldahl (mg/L):	0.371
Total Phosphorus (mg/L):	0.102

Headwaters IBI Score (0-100): ***16.67***

IBI Rating: ***Poor***

High Gradient Habitat Score (0-200): ***69***

Habitat Rating: ***Marginal***

Summary: Wolf Creek had elevated specific conductivity, multiple storm drains and highly eroded banks. Only two highly tolerant fish were collected and was rated "Poor" in 2018.

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Common Name	Scientific Name	Abundance
American Eel	<i>Anguilla rostrata</i>	118
Mummichog	<i>Fundulus heteroclitus</i>	11