

# FIBI403a-R1

## Budd Lake UNT

Camelot Dr.

Municipality: Mount Olive Twp

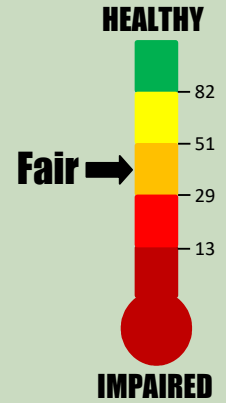
County: Morris

Drainage Area (sq miles): 0.39

Average Width (m): 3.45

Sample Date: 8/2/2019

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	99.68
Metric 4 -Proportion of total richness as native	100.00
Metric 5 -Percent native crayfish	100.00
Metric 6 -Brook trout density	0.00

Air Temperature (°C)	26.9
Water Temperature (°C)	17.67
Dissolved Oxygen (mg/L)	8.99
% Saturation	96
pH	7.05
Conductivity (uS/cm)	252.1
Nitrate/Nitrite (mg/L):	1.2
Total Kjeldahl (mg/L):	0.106
Total Phosphorus (mg/L):	0.0257

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***Headwaters IBI Score (0-100):*** ***49.95***

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***IBI Rating:*** ***Fair***

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***High Gradient Habitat Score (0-200):*** ***147***

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***Habitat Rating:*** ***Suboptimal***

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<b>Common Name</b>	<b>Scientific Name</b>	<b>Abundance</b>
Blacknose Dace	<i>Rhinichthys atratulus</i>	207
Creek Chub	<i>Semotilus atromaculatus</i>	116
Common Crayfish	<i>Cambarus bartonii bartonii</i>	4
Green Frog	<i>Lithobates clamitans</i>	2
Northern Two-lined Salamander	<i>Eurycea bislineata</i>	2
White Sucker	<i>Catostomus commersonii</i>	1
Eastern Mudminnow	<i>Umbra pygmaea</i>	1