

# FIBI506-R1r

## Mile Run

off Joyce Kilmer Avenue

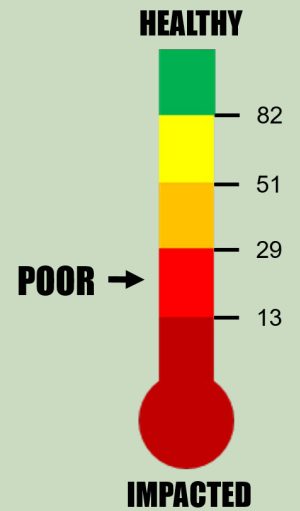
Municipality: New Brunswick

County: Middlesex

Drainage Area (sq miles): 2.9

Sample Date: 5/19/2014

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	28.98
Metric 4 -Proportion of total richness as native	60.00
Metric 5 -Percent native crayfish	0.00
Metric 6 -Brook trout density	0.00

Air Temperature (°C)	18.2
Water Temperature (°C)	14.05
Dissolved Oxygen (mg/L)	8.34
% Saturation	79.2
pH	6.28
Conductivity (uS/cm)	679

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***Headwaters IBI Score (0-100):*** ***14.83***

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***IBI Rating:*** ***Poor***

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***High Gradient Habitat Score (0-200):*** ***96***

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***Habitat Rating:*** ***Marginal***

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**Summary:** FIBI506 was rated "poor" in 2014, improving slightly from 2013. This sampling found 2 more species of fish than in 2013. This site lacked suitable habitat for fish and salamanders and was littered with trash.

# **FIBI506-R1r**

## **Mile Run**

<b>Common Name</b>	<b>Scientific Name</b>	<b>Abundance</b>
White Sucker	<i>Catostomus commersoni</i>	25
Creek Chub	<i>Semotilus atromaculatus</i>	20
American Eel	<i>Anguilla rostrata</i>	16
Goldfish	<i>Carassius auratus</i>	1
Green Sunfish	<i>Lepomis cyanellus</i>	1