

FIBI506-R1

Mile Run

off Joyce Kilmer Avenue

Municipality: New Brunswick

County: Middlesex

Drainage Area (sq miles): 2.9

Sample Date: 7/9/2013

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	66.67
Metric 5 -Percent native crayfish	0.00
Metric 6 -Brook trout density	0.00

Air Temperature (°C)	28.3
Water Temperature (°C)	23.62
Dissolved Oxygen (mg/L)	5.71
% Saturation	65.9
pH	5.75
Conductivity (uS/cm)	456

Headwaters IBI Score (0-100): ***11.11***

IBI Rating: ***Very Poor***

High Gradient Habitat Score (0-200): ***101***

Habitat Rating: ***Marginal***

Summary: FIBI506 was rated "very poor" in 2013. Only 3 species, all of which were tolerant fish were collected. This site lacked suitable habitat for fish and salamanders and was littered with trash.

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Common Name	Scientific Name	Abundance
American Eel	<i>Anguilla rostrata</i>	29
Green Sunfish	<i>Lepomis cyanellus</i>	3
White Sucker	<i>Catostomus commersoni</i>	2