

# FIBI576-R1

## Van Saun Mill Brook

Justin Ct.

Municipality: River Edge

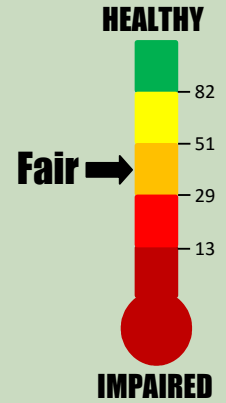
County: Bergen

Drainage Area (sq miles): 1.32

Average Width (m): 3.05

Sample Date: 7 /26/2018

Site Type: Fixed



Metric 1 - Number of intolerant vertebrate species	0.00
Metric 2 - Proportion of vertebrate species as top carnivores	32.89
Metric 3 -Percent tolerant fish	72.33
Metric 4 -Proportion of total richness as native	75.00
Metric 5 -Percent native crayfish	0.00
Metric 6 -Brook trout density	0.00

Air Temperature (°C)	25.5
Water Temperature (°C)	21.91
Dissolved Oxygen (mg/L)	7.14
% Saturation	80.3
pH	7.31
Conductivity (uS/cm)	481.9
Nitrate/Nitrite (mg/L):	1.06
Total Kjeldahl (mg/L):	0.522
Total Phosphorus (mg/L):	0.0804

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<b><i>Headwaters IBI Score (0-100):</i></b>	<b><i>30.04</i></b>
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<b><i>IBI Rating:</i></b>	<b><i>Fair</i></b>
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<b><i>High Gradient Habitat Score (0-200):</i></b>	<b><i>88</i></b>
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<b><i>Habitat Rating:</i></b>	<b><i>Marginal</i></b>
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## **Van Saun Mill Brook**

<b>Common Name</b>	<b>Scientific Name</b>	<b>Abundance</b>
Blacknose Dace	<i>Rhinichthys atratulus</i>	147
White Sucker	<i>Catostomus commersonii</i>	39
Tessellated Darter	<i>Etheostoma olmstedii</i>	36
American Eel	<i>Anguilla rostrata</i>	19
Pumpkinseed	<i>Lepomis gibbosus</i>	8
Green Sunfish	<i>Lepomis cyanellus</i>	1
Largemouth Bass	<i>Micropterus salmoides</i>	1
Golden Shiner	<i>Notemigonus crysoleucas</i>	1