

FIBI509-R1

Salt Brook

Beech Street

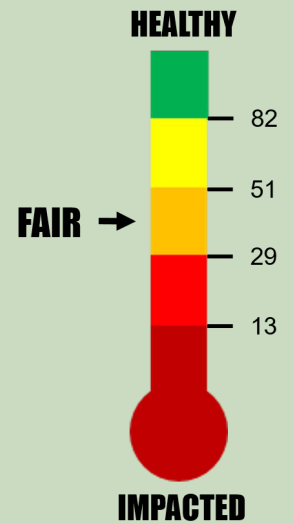
Municipality: New Providence

County: Union

Drainage Area (sq miles): 2.4

Sample Date: 5/7/2013

Site Type: Fixed



Metric 1 - Number of intolerant vertebrate species	0.00
Metric 2 - Proportion of vertebrate species as top carnivores	29.24
Metric 3 -Percent tolerant fish	93.07
Metric 4 -Proportion of total richness as native	80.00
Metric 5 -Percent native crayfish	0.00
Metric 6 -Brook trout density	0.00

Air Temperature (°C)	21
Water Temperature (°C)	13.85
Dissolved Oxygen (mg/L)	10.93
% Saturation	104.4
pH	6.47
Conductivity (uS/cm)	643

Headwaters IBI Score (0-100): **33.72**

IBI Rating: **Fair**

High Gradient Habitat Score (0-200): **91**

Habitat Rating: **Marginal**

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Common Name	Scientific Name	Abundance
Blacknose Dace	<i>Rhinichthys atratulus</i>	794
Creek Chub	<i>Semotilus atromaculatus</i>	215
Longnose Dace	<i>Rhinichthys cataractae</i>	67
White Sucker	<i>Catostomus commersoni</i>	66
Northern Two-lined Salamander	<i>Eurycea bislineata</i>	26
Fathead Minnow	<i>Pimephales promelas</i>	11
Tessellated Darter	<i>Etheostoma olmstedii</i>	3
Virile Crayfish	<i>Orconectes virilis</i>	3
Satinfin Shiner	<i>Cyprinella analostana</i>	1
Bullfrog	<i>Lithobates catesbeianus</i>	1