

NJS11-269-R3

Indian Field Branch

Manheim Ave (CR 669)
 Municipality: Bridgeton City
 County: Cumberland
 Drainage Area (sq miles): 4.9
 Sample Date: 06/18/2015
 Site Type: Probabilistic



IBI Metrics

Metric 1 - Native Sp.	36.77
Metric 2 - Benthic Sp	37.34
Metric 3 - Intolerant Sp.	7.08
Metric 4 - %Tolerant Sp.	94.97
Metric 5-%Insectivore Sp.	49.02
Metric 6 -%Piscivorous Sp.	33.30
Metric 7 - Abundance-tolerance	54.18
Metric 8-% DELTs	100.00

Field Chemistry

Air Temp (°C)	20.3
Water Temperature (°C)	17.22
Dissolved Oxygen (mg/L)	7.87
% Saturation	81.6
pH	5.83
Conductivity (µS/cm)	102.3

Southern Fish IBI Score (0-100): 51.58

IBI Rating: Fair

Low Gradient Habitat Score (0-200): 156

Habitat Rating: Suboptimal

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Common Name	Scientific Name	Abundance
Tessellated Darter	<i>Etheostoma olmstedii</i>	93
Eastern Mudminnow	<i>Umbra pygmaea</i>	42
Chain Pickerel	<i>Esox niger</i>	18
Bluegill	<i>Lepomis macrochirus</i>	8
Pirate Perch	<i>Aphredoderus sayanus</i>	7
Pumpkinseed	<i>Lepomis gibbosus</i>	2