

FIBI218-R3

Swedes Run

Swedes Bridges Road

Municipality: Mannington Twp

County: Salem

Drainage Area (sq miles): 3.6

Sample Date: 09/01/2015

Site Type: Fixed



IBI Metrics

Metric 1 - Native Sp.	52.52
Metric 2 - Benthic Sp	73.41
Metric 3 - Intolerant Sp.	12.13
Metric 4 - %Tolerant Sp.	62.75
Metric 5-%Insectivore Sp.	46.51
Metric 6 -%Piscivorous Sp.	73.02
Metric 7 - Abundance-tolerance	58.19
Metric 8-% DELTs	88.98

Field Chemistry

Air Temp (°C)	27.4
Water Temperature (°C)	19.5
Dissolved Oxygen (mg/L)	5.01
% Saturation	54.3
pH	7.23
Conductivity (µS/cm)	467.1

Southern Fish IBI Score (0-100): 58.44

IBI Rating: Fair

Low Gradient Habitat Score (0-200): 151

Habitat Rating: Suboptimal

Summary: Scores have remained stable at Swedes Run since the first sampling event in 2008. This is one of the few sites warmouth have been collected and although there are questions regarding it's native status, it does not warrant being labeled invasive.

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Common Name	Scientific Name	Abundance
American Eel	<i>Anguilla rostrata</i>	92
Redfin Pickerel	<i>Esox americanus americanus</i>	58
Pirate Perch	<i>Aphredoderus sayanus</i>	29
Tessellated Darter	<i>Etheostoma olmstedii</i>	29
Pumpkinseed	<i>Lepomis gibbosus</i>	17
Warmouth	<i>Lepomis gulosus</i>	16
Eastern Mudminnow	<i>Umbra pygmaea</i>	14
Creek Chubsucker	<i>Erimyzon oblongus</i>	7
Largemouth Bass	<i>Micropterus salmoides</i>	4
Bluegill	<i>Lepomis macrochirus</i>	1