

FIBI272-R3

Porch Branch

Highway 47

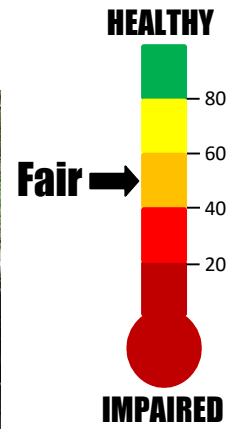
Municipality: Washington Twp

County: Gloucester

Drainage Area (sq miles): 2.2

Sample Date: 08/08/2016

Site Type: Fixed



IBI Metrics

Metric 1 - Native Sp.	76.63
Metric 2 - Benthic Sp	78.05
Metric 3 - Intolerant Sp.	20.69
Metric 4 - %Tolerant Sp.	68.57
Metric 5-%Insectivore Sp.	73.59
Metric 6 -%Piscivorous Sp.	2.40
Metric 7 - Abundance-tolerance	61.87
Metric 8-% DELTs	100.00

Field Chemistry

Air Temp (°C)	23.8
Water Temperature (°C)	22.47
Dissolved Oxygen (mg/L)	6.45
% Saturation	73.9
pH	6.89
Conductivity (µS/cm)	264.6

Southern Fish IBI Score (0-100): 60.23

IBI Rating: Fair

Low Gradient Habitat Score (0-200): 144

Habitat Rating: Suboptimal

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Common Name	Scientific Name	Abundance
Fallfish	<i>Semotilus corporalis</i>	90
Bluegill	<i>Lepomis macrochirus</i>	35
Common Shiner	<i>Luxilus cornutus</i>	31
American Eel	<i>Anguilla rostrata</i>	29
Tessellated Darter	<i>Etheostoma olmstedii</i>	25
Redbreast Sunfish	<i>Lepomis auritus</i>	14
White Sucker	<i>Catostomus commersonii</i>	13
Creek Chubsucker	<i>Erimyzon oblongus</i>	9
Pumpkinseed	<i>Lepomis gibbosus</i>	6
Pirate Perch	<i>Aphredoderus sayanus</i>	3
Eastern Mudminnow	<i>Umbra pygmaea</i>	3
Western Mosquitofish	<i>Gambusia affinis</i>	2
Largemouth Bass	<i>Micropterus salmoides</i>	2