

FIBI229-R3

SB Pennsauken Creek

Coles Ave

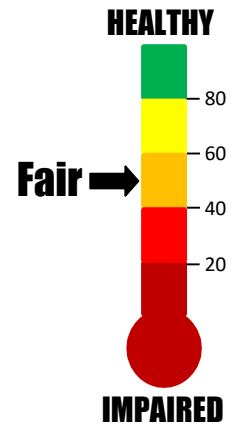
Municipality: Maple Shade

County: Burlington

Drainage Area (sq miles): 11

Sample Date: 07/21/2016

Site Type: Fixed



IBI Metrics

Metric 1 - Native Sp.	70.33
Metric 2 - Benthic Sp	30.06
Metric 3 - Intolerant Sp.	0.00
Metric 4 - %Tolerant Sp.	47.14
Metric 5-%Insectivore Sp.	19.61
Metric 6 -%Piscivorous Sp.	15.27
Metric 7 - Abundance-tolerance	59.20
Metric 8-% DELTs	91.60

Field Chemistry

Air Temp (°C)	26.4
Water Temperature (°C)	22.56
Dissolved Oxygen (mg/L)	6.36
% Saturation	72
pH	6.7
Conductivity (µS/cm)	459.6

Southern Fish IBI Score (0-100): 41.65

IBI Rating: Fair

Low Gradient Habitat Score (0-200): 117

Habitat Rating: Suboptimal

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Common Name	Scientific Name	Abundance
Tessellated Darter	<i>Etheostoma olmstedii</i>	109
American Eel	<i>Anguilla rostrata</i>	90
Pumpkinseed	<i>Lepomis gibbosus</i>	34
Bluegill	<i>Lepomis macrochirus</i>	29
Green Sunfish	<i>Lepomis cyanellus</i>	25
White Sucker	<i>Catostomus commersonii</i>	23
Largemouth Bass	<i>Micropterus salmoides</i>	16
Banded Killifish	<i>Fundulus diaphanus</i>	6
Hybrid Green Sunfish x Pumpkinseed	<i>Lepomis cxg</i>	4
Swallowtail Shiner	<i>Notropis procne</i>	3
Satinfin Shiner	<i>Cyprinella analostana</i>	2
Channel Catfish	<i>Ictalurus punctatus</i>	2
Eastern Mudminnow	<i>Umbra pygmaea</i>	2
Striped Bass	<i>Morone saxatilis</i>	1
Hybrid Green Sunfish x Bluegill	<i>Lepomis cxm</i>	1
Brown Bullhead	<i>Ameiurus nebulosus</i>	1
Spottail Shiner	<i>Notropis hudsonius</i>	1
Western Mosquitofish	<i>Gambusia affinis</i>	1