

FIBI264-R3

Salem River

Commissioners Pike

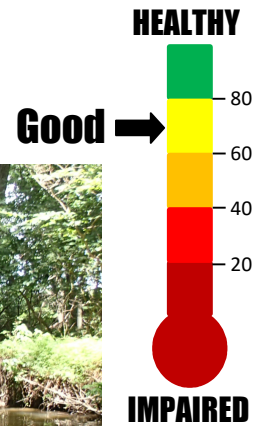
Municipality: Upper Pittsgrove Twp

County: Salem

Drainage Area (sq miles): 5.8

Sample Date: 07/26/2016

Site Type: Fixed



IBI Metrics

Metric 1 - Native Sp.	75.48
Metric 2 - Benthic Sp	69.22
Metric 3 - Intolerant Sp.	54.40
Metric 4 - %Tolerant Sp.	67.11
Metric 5-%Insectivore Sp.	33.94
Metric 6 -%Piscivorous Sp.	9.61
Metric 7 - Abundance-tolerance	100.00
Metric 8-% DELTs	100.00

Field Chemistry

Air Temp (°C)	28
Water Temperature (°C)	27.6
Dissolved Oxygen (mg/L)	2.93
% Saturation	37
pH	6.9
Conductivity (µS/cm)	254.2

Southern Fish IBI Score (0-100): 63.72

IBI Rating: Good

Low Gradient Habitat Score (0-200): 138

Habitat Rating: Suboptimal

Summary: Scores and ratings for FIBI264 on the Salem River have remained virtually unchanged since the first sampling event in 2014.

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Common Name	Scientific Name	Abundance
Spottail Shiner	<i>Notropis hudsonius</i>	165
White Sucker	<i>Catostomus commersonii</i>	76
Bluegill	<i>Lepomis macrochirus</i>	67
Brown Bullhead	<i>Ameiurus nebulosus</i>	41
Satinfish Shiner	<i>Cyprinella analostana</i>	35
Redbreast Sunfish	<i>Lepomis auritus</i>	32
Tadpole Madtom	<i>Noturus gyrinus</i>	18
Tessellated Darter	<i>Etheostoma olmstedii</i>	16
Largemouth Bass	<i>Micropterus salmoides</i>	15
Pumpkinseed	<i>Lepomis gibbosus</i>	8
American Eel	<i>Anguilla rostrata</i>	5
Western Mosquitofish	<i>Gambusia affinis</i>	5
Eastern Mudminnow	<i>Umbra pygmaea</i>	4
Banded Killifish	<i>Fundulus diaphanus</i>	3
Channel Catfish	<i>Ictalurus punctatus</i>	1