

FIBI271-R3

Salem River

Kings Hwy

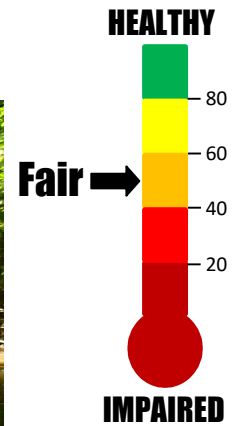
Municipality: Pilesgrove Twp

County: Salem

Drainage Area (sq miles): 27

Sample Date: 08/09/2016

Site Type: Fixed



IBI Metrics

Metric 1 - Native Sp.	56.39
Metric 2 - Benthic Sp	55.18
Metric 3 - Intolerant Sp.	28.50
Metric 4 - %Tolerant Sp.	59.42
Metric 5-%Insectivore Sp.	74.49
Metric 6 -%Piscivorous Sp.	13.87
Metric 7 - Abundance-tolerance	70.57
Metric 8-% DELTs	82.70

Field Chemistry

Air Temp (°C)	29.8
Water Temperature (°C)	22.97
Dissolved Oxygen (mg/L)	5.57
% Saturation	63.7
pH	6.99
Conductivity (µS/cm)	322.6

Southern Fish IBI Score (0-100): 55.14

IBI Rating: Fair

Low Gradient Habitat Score (0-200): 132

Habitat Rating: Suboptimal

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Common Name	Scientific Name	Abundance
Bluegill	<i>Lepomis macrochirus</i>	103
Pumpkinseed	<i>Lepomis gibbosus</i>	89
Redbreast Sunfish	<i>Lepomis auritus</i>	60
Tessellated Darter	<i>Etheostoma olmstedi</i>	29
American Eel	<i>Anguilla rostrata</i>	16
Largemouth Bass	<i>Micropterus salmoides</i>	14
Gizzard Shad	<i>Dorosoma cepedianum</i>	10
White Sucker	<i>Catostomus commersonii</i>	10
Eastern Mudminnow	<i>Umbra pygmaea</i>	5
Spottail Shiner	<i>Notropis hudsonius</i>	1
Black Crappie	<i>Pomoxis nigromaculatus</i>	1
Tadpole Madtom	<i>Noturus gyrinus</i>	1
Brown Bullhead	<i>Ameiurus nebulosus</i>	1