

# FIBI241-R3

## Pines Run

Old Blackhorse Pike

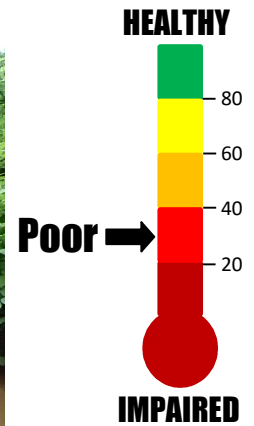
Municipality: Gloucester

County: Camden

Drainage Area (sq miles): 2.1

Sample Date: 06/08/2016

Site Type: Fixed



### IBI Metrics

Metric 1 - Native Sp.	36.93
Metric 2 - Benthic Sp	11.73
Metric 3 - Intolerant Sp.	21.32
Metric 4 - %Tolerant Sp.	26.66
Metric 5-%Insectivore Sp.	37.35
Metric 6 -%Piscivorous Sp.	13.48
Metric 7 - Abundance-tolerance	7.36
Metric 8-% DELTs	100.00

### Field Chemistry

Air Temp (°C)	22
Water Temperature (°C)	18.4
Dissolved Oxygen (mg/L)	6.26
% Saturation	66.4
pH	5.95
Conductivity (µS/cm)	213.2

***Southern Fish IBI Score (0-100): 31.85***

***IBI Rating: Poor***

***Low Gradient Habitat Score (0-200): 111***

***Habitat Rating: Suboptimal***

***Summary:*** Despite the "poor" rating at Pines Run FIBI241, the score and rating both improved significantly. In 2009 the site was sampled as part of the IBI development/validation phase and received a "very poor" rating.

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## **Pines Run**

<b>Common Name</b>	<b>Scientific Name</b>	<b>Abundance</b>
Bluegill	<i>Lepomis macrochirus</i>	32
Eastern Mudminnow	<i>Umbra pygmaea</i>	16
American Eel	<i>Anguilla rostrata</i>	14
Brown Bullhead	<i>Ameiurus nebulosus</i>	3
White Sucker	<i>Catostomus commersonii</i>	2
Largemouth Bass	<i>Micropterus salmoides</i>	2
Black Crappie	<i>Pomoxis nigromaculatus</i>	1