

FIBI267-R3

Barrett Run

Kinkle Rd.

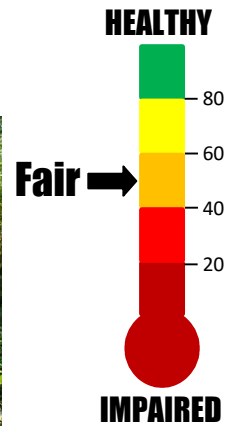
Municipality: Hopewell

County: Cumberland

Drainage Area (sq miles): 6.9

Sample Date: 07/27/2016

Site Type: Fixed



IBI Metrics

Metric 1 - Native Sp.	27.32
Metric 2 - Benthic Sp	0.86
Metric 3 - Intolerant Sp.	1.29
Metric 4 - %Tolerant Sp.	92.06
Metric 5-%Insectivore Sp.	100.00
Metric 6 -%Piscivorous Sp.	44.92
Metric 7 - Abundance-tolerance	54.18
Metric 8-% DELTs	100.00

Field Chemistry

Air Temp (°C)	31.2
Water Temperature (°C)	20.65
Dissolved Oxygen (mg/L)	7
% Saturation	78.2
pH	6.1
Conductivity (µS/cm)	207.4

Southern Fish IBI Score (0-100): 52.58

IBI Rating: Fair

Low Gradient Habitat Score (0-200): 136

Habitat Rating: Suboptimal

FIBI267-R3

Barrett Run

Common Name	Scientific Name	Abundance
Eastern Mudminnow	<i>Umbra pygmaea</i>	135
Chain Pickerel	<i>Esox niger</i>	22
American Eel	<i>Anguilla rostrata</i>	13
Largemouth Bass	<i>Micropterus salmoides</i>	3
Pumpkinseed	<i>Lepomis gibbosus</i>	2