

NJS2016-019-R3

Scotland Run

Nightshade Dr.

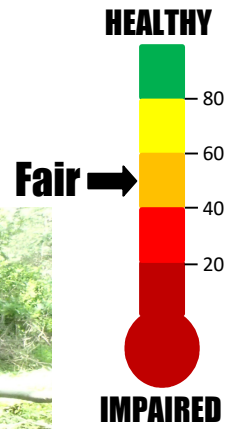
Municipality: Monroe

County: Gloucester

Drainage Area (sq miles): 4.4

Sample Date: 06/20/2016

Site Type: Probabilistic



IBI Metrics

Metric 1 - Native Sp.	44.25
Metric 2 - Benthic Sp	38.26
Metric 3 - Intolerant Sp.	8.78
Metric 4 - %Tolerant Sp.	92.29
Metric 5-%Insectivore Sp.	100.00
Metric 6 -%Piscivorous Sp.	23.56
Metric 7 - Abundance-tolerance	100.00
Metric 8-% DELTs	74.57

Field Chemistry

Air Temp (°C)	29.9
Water Temperature (°C)	15.93
Dissolved Oxygen (mg/L)	7.48
% Saturation	74.4
pH	5.58
Conductivity (µS/cm)	134.4

Southern Fish IBI Score (0-100): 60.21

IBI Rating: Fair

Low Gradient Habitat Score (0-200): 155

Habitat Rating: Suboptimal

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Common Name	Scientific Name	Abundance
Eastern Mudminnow	<i>Umbra pygmaea</i>	233
Pirate Perch	<i>Aphredoderus sayanus</i>	44
Bluegill	<i>Lepomis macrochirus</i>	24
Chain Pickerel	<i>Esox niger</i>	24
Pumpkinseed	<i>Lepomis gibbosus</i>	19
Yellow Perch	<i>Perca flavescens</i>	1
American Eel	<i>Anguilla rostrata</i>	1
Largemouth Bass	<i>Micropterus salmoides</i>	1