

# FIBI268-R3

## Mantua Creek

Rt. 603

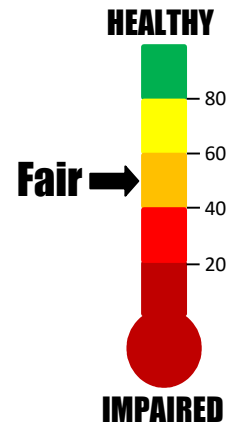
Municipality: Deptford

County: Gloucester

Drainage Area (sq miles): 14

Sample Date: 06/09/2016

Site Type: Fixed



### IBI Metrics

Metric 1 - Native Sp.	81.75
Metric 2 - Benthic Sp	61.24
Metric 3 - Intolerant Sp.	39.68
Metric 4 - %Tolerant Sp.	64.78
Metric 5-%Insectivore Sp.	58.45
Metric 6 -%Piscivorous Sp.	6.39
Metric 7 - Abundance-tolerance	55.18
Metric 8-% DELTs	52.18

### Field Chemistry

Air Temp (°C)	19.2
Water Temperature (°C)	18.19
Dissolved Oxygen (mg/L)	7.75
% Saturation	81.6
pH	6.93
Conductivity (µS/cm)	236.5

*Southern Fish IBI Score (0-100): 52.46*

*IBI Rating: Fair*

*Low Gradient Habitat Score (0-200): 132*

*Habitat Rating: Suboptimal*

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Common Name	Scientific Name	Abundance
Tessellated Darter	<i>Etheostoma olmstedi</i>	56
American Eel	<i>Anguilla rostrata</i>	48
Redbreast Sunfish	<i>Lepomis auritus</i>	43
Fallfish	<i>Semotilus corporalis</i>	27
Bluegill	<i>Lepomis macrochirus</i>	20
White Sucker	<i>Catostomus commersonii</i>	13
Pumpkinseed	<i>Lepomis gibbosus</i>	8
Common Shiner	<i>Luxilus cornutus</i>	6
Largemouth Bass	<i>Micropterus salmoides</i>	5
Swallowtail Shiner	<i>Notropis procne</i>	4
White Catfish	<i>Ameiurus catus</i>	4
Satinfin Shiner	<i>Cyprinella analostana</i>	4
Sea Lamprey	<i>Petromyzon marinus</i>	3
Spottail Shiner	<i>Notropis hudsonius</i>	3
Eastern Mudminnow	<i>Umbra pygmaea</i>	2