

FIBI230-R3

SB Big Timber Creek UNT

Woodbury/Turnersville

Municipality: Washington

County: Gloucester

Drainage Area (sq miles): 4

Sample Date: 09/16/2015

Site Type: Fixed



IBI Metrics

Metric 1 - Native Sp.	65.15
Metric 2 - Benthic Sp	39.28
Metric 3 - Intolerant Sp.	60.66
Metric 4 - %Tolerant Sp.	63.64
Metric 5-%Insectivore Sp.	48.47
Metric 6 -%Piscivorous Sp.	20.96
Metric 7 - Abundance-tolerance	66.22
Metric 8-% DELTs	80.39

Field Chemistry

Air Temp (°C)	30.2
Water Temperature (°C)	18.98
Dissolved Oxygen (mg/L)	8.31
% Saturation	88
pH	6.71
Conductivity (µS/cm)	220.2

Southern Fish IBI Score (0-100): 55.60

IBI Rating: Fair

Low Gradient Habitat Score (0-200): 139

Habitat Rating: Suboptimal

Summary: The fish community collected at SB Big Timber Creek UNT improved since it was sampled in 2009. The 2009 collection was primarily comprised of nonnative bluegill. Native sunfish rebounded and were collectively more numerous than bluegill.

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Common Name	Scientific Name	Abundance
Tessellated Darter	<i>Etheostoma olmstedii</i>	88
Bluegill	<i>Lepomis macrochirus</i>	85
Redbreast Sunfish	<i>Lepomis auritus</i>	45
Pumpkinseed	<i>Lepomis gibbosus</i>	37
Largemouth Bass	<i>Micropterus salmoides</i>	18
White Sucker	<i>Catostomus commersoni</i>	9
American Eel	<i>Anguilla rostrata</i>	8
Bluespotted Sunfish	<i>Enneacanthus gloriosus</i>	4
Eastern Mudminnow	<i>Umbra pygmaea</i>	3
Chain Pickerel	<i>Esox niger</i>	2
Brown Bullhead	<i>Ameiurus nebulosus</i>	1