

FIBI201-R3

Pennsauken Creek N/B

Church St. (Rt. 607)

Municipality: Mount Laurel

County: Burlington

Drainage Area (sq miles): 4.1

Sample Date: 08/10/2015

Site Type: Fixed



IBI Metrics

Metric 1 - Native Sp.	58.30
Metric 2 - Benthic Sp	39.08
Metric 3 - Intolerant Sp.	10.29
Metric 4 - %Tolerant Sp.	58.99
Metric 5-%Insectivore Sp.	10.62
Metric 6 -%Piscivorous Sp.	0.00
Metric 7 - Abundance-tolerance	91.97
Metric 8-% DELTs	67.03

Field Chemistry

Air Temp (°C)	24.7
Water Temperature (°C)	20.11
Dissolved Oxygen (mg/L)	7.2
% Saturation	78.7
pH	7.03
Conductivity (µS/cm)	272.7

Southern Fish IBI Score (0-100): 42.04

IBI Rating: Fair

Low Gradient Habitat Score (0-200): 102

Habitat Rating: Marginal

Summary: The Fish IBI score has steadily increased each round of sampling and as a result the rating has increased from "poor" to "fair".

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Common Name	Scientific Name	Abundance
Spottail Shiner	<i>Notropis hudsonius</i>	178
White Sucker	<i>Catostomus commersoni</i>	66
Tessellated Darter	<i>Etheostoma olmstedii</i>	64
Green Sunfish	<i>Lepomis cyanellus</i>	41
Bluegill	<i>Lepomis macrochirus</i>	38
American Eel	<i>Anguilla rostrata</i>	26
Swallowtail Shiner	<i>Notropis procne</i>	25
Pumpkinseed	<i>Lepomis gibbosus</i>	4
Brown Bullhead	<i>Ameiurus nebulosus</i>	2
Golden Shiner	<i>Notemigonus crysoleucas</i>	1
Common Carp	<i>Cyprinus carpio</i>	1