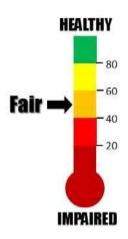
FIBI204-R3 Swedes Run

Garwood Rd. Municipality: Moorestown County: Burlington Drainage Area (sq miles): 2.8 Sample Date: 06/08/2015 Site Type: Fixed





IBI Metrics		
Metric 1 - Native Sp.	74.55	
Metric 2 - Benthic Sp	42.38	
Metric 3 - Intolerant Sp.	66.37	
Metric 4 - %Tolerant Sp.	38.21	
Metric 5-%Insectivore Sp.	45.52	
Metric 6 -%Piscivorous Sp.	4.61	
Metric 7 - Abundance-tolerance	48.16	
Metric 8-% DELTs	100.00	

Field	Chemistry
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Air Temp (°C)	20
Water Temperature (°C)	17.93
Dissolved Oxygen (mg/L)	7.88
% Saturation	82.9
рН	7.01
Conductivity (µS/cm)	407.7

Southern Fish IBI Score (0-100):	52.48
IBI Rating:	Fair
Low Gradient Habitat Score (0-200):	154
Habitat Rating:	Suboptimal

Summary: The abundance of green sunfish could be an indication the fish community is declining, despite the "fair" rating. Green sunfish outnumbered all three native sunfish (redbreast, pumpkinseed, and bluespotted) combined and will likely continue to take over the fish community. Specific conductance has increased since 2008 and is likely a result of the high impervious cover (17%) in the surrounding watershed or road salting which could be impacting the resident fish community.

FIBI204-R3 Swedes Run

Common Name	Scientific Name	Abundance
Green Sunfish	Lepomis cyanellus	94
American Eel	Anguilla rostrata	74
Redbreast Sunfish	Lepomis auritus	59
Tessellated Darter	Etheostoma olmstedi	43
Swallowtail Shiner	Notropis procne	22
Banded Killifish	Fundulus diaphanus	20
Pumpkinseed	Lepomis gibbosus	11
Bluegill	Lepomis macrochirus	8
Largemouth Bass	Micropterus salmoides	4
Bluespotted Sunfish	Enneacanthus gloriosus	3
White Sucker	Catostomus commersoni	1
Brown Bullhead	Ameiurus nebulosus	1
Redfin Pickerel	Esox americanus americanus	1