

# FIBI266-R3

## SB Cooper River

Evesham Rd.

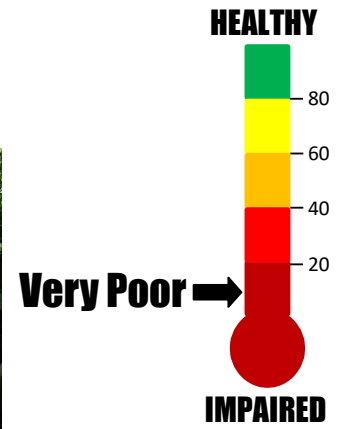
Municipality: Cherry Hill Twp

County: Camden

Drainage Area (sq miles): 7.8

Sample Date: 08/31/2016

Site Type: Fixed



### IBI Metrics

Metric 1 - Native Sp.	39.70
Metric 2 - Benthic Sp	0.00
Metric 3 - Intolerant Sp.	0.00
Metric 4 - %Tolerant Sp.	4.43
Metric 5-%Insectivore Sp.	3.48
Metric 6 -%Piscivorous Sp.	13.38
Metric 7 - Abundance-tolerance	1.67
Metric 8-% DELTs	37.42

### Field Chemistry

Air Temp (°C)	31
Water Temperature (°C)	21.61
Dissolved Oxygen (mg/L)	5.18
% Saturation	58.4
pH	6.17
Conductivity (µS/cm)	286

***Southern Fish IBI Score (0-100): 12.51***

***IBI Rating: Very Poor***

***Low Gradient Habitat Score (0-200): 80***

***Habitat Rating: Marginal***

**Summary:** There were numerous signs of impairment at FIBI266 on SB Cooper River including high turbidity, a large amount of debris/garbage in the stream, and a high composition of concrete/rubble and fine sediments. Overall fish abundance was very low (n=47) for a stream this size and benthic and intolerant species were absent.

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<b>Common Name</b>	<b>Scientific Name</b>	<b>Abundance</b>
White Sucker	<i>Catostomus commersonii</i>	14
American Eel	<i>Anguilla rostrata</i>	13
Green Sunfish	<i>Lepomis cyanellus</i>	10
Bluegill	<i>Lepomis macrochirus</i>	3
Largemouth Bass	<i>Micropterus salmoides</i>	2
Mummichog	<i>Fundulus heteroclitus</i>	2
Golden Shiner	<i>Notemigonus crysoleucas</i>	1
Brown Bullhead	<i>Ameiurus nebulosus</i>	1
Pumpkinseed	<i>Lepomis gibbosus</i>	1