

FIBI100a-R3

Culvers Creek

Sharp Road

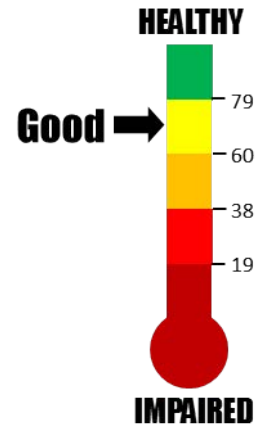
Municipality: Frankford Twp

County: Sussex

Drainage Area (sq miles): 10

Sample Date: 09/27/2012

Site Type: Fixed



IBI Metrics

Metric 1-%Rheophilic Richness	61.30
Metric 2-%Cold Non-tolerant Coolwater	92.37
Metric 3-%Generalist Richness	36.28
Metric 4-Tolerance Index	77.14
Metric 5-%Lithophilic Richness	57.95
Metric 6-%Cyprinidae	98.08
Metric 7-%Dominant 3 Taxa	81.31
Metric 8-%Benthic Insectivore Richness	100.00

Field Chemistry

Air Temp (°C)	28.8
Water Temperature (°C)	17.53
Dissolved Oxygen (mg/L)	9.47
% Saturation	100.6
pH	6.87
Conductivity (µS/cm)	203

Northern Fish IBI Score (0-100): **75.55**

IBI Rating: **Good**

High Gradient Habitat Score (0-200): **146**

Habitat Rating: **Suboptimal**

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Common Name	Scientific Name	Abundance
Blacknose Dace	<i>Rhinichthys atratulus</i>	431
Creek Chub	<i>Semotilus atromaculatus</i>	189
White Sucker	<i>Catostomus commersoni</i>	89
Tessellated Darter	<i>Etheostoma olmstedii</i>	21
Margined Madtom	<i>Noturus insignis</i>	3