

FIBI039-R3r

Vancampens Brook

Depew Rec Site Road, off Old Mine

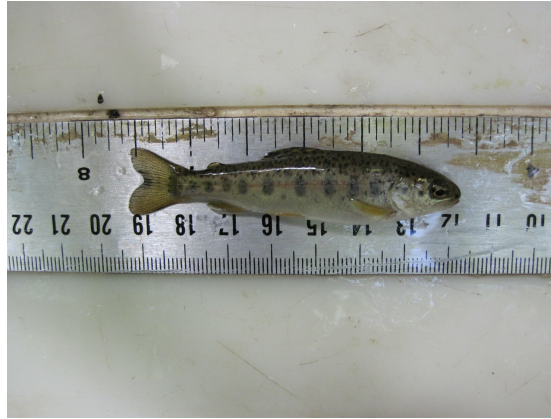
Municipality: Hardwick Twp

County: Warren

Drainage Area (sq miles): 7.5

Sample Date: 08/06/2013

Site Type: Sentinel



IBI Metrics

Metric 1-%Rheophilic Richness	97.99
Metric 2-%Cold Non-tolerant Coolwater	77.03
Metric 3-%Generalist Richness	94.22
Metric 4-Tolerance Index	99.90
Metric 5-%Lithophilic Richness	81.50
Metric 6-%Cyprinidae	47.84
Metric 7-%Dominant 3 Taxa	83.37
Metric 8-%Benthic Insectivore Richness	66.23

Field Chemistry

Air Temp (°C)	31.1
Water Temperature (°C)	16.06
Dissolved Oxygen (mg/L)	9.59
% Saturation	97.8
pH	6.87
Conductivity (µS/cm)	75.6

Northern Fish IBI Score (0-100): 81.01

IBI Rating: Excellent

High Gradient Habitat Score (0-200): 180

Habitat Rating: Optimal

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Common Name	Scientific Name	Abundance
Blacknose Dace	<i>Rhinichthys atratulus</i>	205
Brown Trout	<i>Salmo trutta</i>	98
American Eel	<i>Anguilla rostrata</i>	60
Margined Madtom	<i>Noturus insignis</i>	26
White Sucker	<i>Catostomus commersoni</i>	20
Green Sunfish	<i>Lepomis cyanellus</i>	10
Longnose Dace	<i>Rhinichthys cataractae</i>	10
Creek Chub	<i>Semotilus atromaculatus</i>	8
Fallfish	<i>Semotilus corporalis</i>	7
Cutlips Minnow	<i>Exoglossum maxillingua</i>	7
Rainbow Trout	<i>Oncorhynchus mykiss</i>	4
Brook Trout	<i>Salvelinus fontinalis</i>	3
Yellow Bullhead	<i>Ameiurus natalis</i>	3
Creek Chubsucker	<i>Erimyzon oblongus</i>	2
Sea Lamprey	<i>Petromyzon marinus</i>	2
Smallmouth Bass	<i>Micropterus dolomieu</i>	1