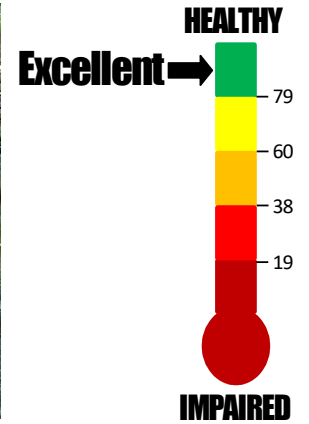


FIBI112-R4

Blair Creek

Slabtown Creek Rd
 Municipality: Hardwick Twp
 County: Warren
 Drainage Area (sq miles): 9
 Sample Date: 7/31/2017
 Site Type: Fixed



IBI Metrics

Metric 1-%Rheophilic Richness	52.55
Metric 2-%Cold Non-tolerant Coolwater	91.43
Metric 3-%Generalist Richness	83.91
Metric 4-Tolerance Index	91.59
Metric 5-%Lithophilic Richness	52.69
Metric 6-%Cyprinidae	100.00
Metric 7-%Dominant 3 Taxa	100.00
Metric 8-%Benthic Insectivore Richness	96.33

Field Chemistry

Air Temp (°C)	18.7
Water Temperature (°C)	17.88
Dissolved Oxygen (mg/L)	9.2
% Saturation	97
pH	7.4
Conductivity (µS/cm)	190.5
Total Kjeldahl (mg/L)	0.22
Total Phosphorus (mg/L)	0.03
Nitrate/Nitrite (mg/L)	0.28

Northern Fish IBI Score (0-100): 83.56

IBI Rating: Excellent

High Gradient Habitat Score (0-200): 152

Habitat Rating: Suboptimal

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Blair Creek

Common Name	Scientific Name	Abundance
Blacknose Dace	<i>Rhinichthys atratulus</i>	345
Creek Chub	<i>Semotilus atromaculatus</i>	73
Longnose Dace	<i>Rhinichthys cataractae</i>	40
Cutlips Minnow	<i>Exoglossum maxillingua</i>	33
White Sucker	<i>Catostomus commersoni</i>	17
Tessellated Darter	<i>Etheostoma olmstedi</i>	7
Pumpkinseed	<i>Lepomis gibbosus</i>	7
Margined Madtom	<i>Noturus insignis</i>	5
American Eel	<i>Anguilla rostrata</i>	2
Largemouth Bass	<i>Micropterus salmoides</i>	2
Yellow Perch	<i>Perca flavescens</i>	1