

FIBI108-R3

Yards Creek

Wishing Well Road

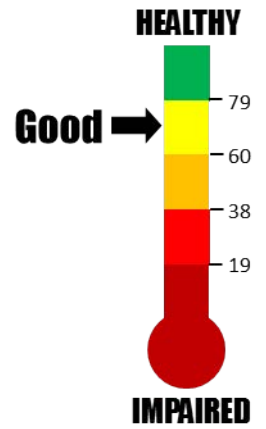
Municipality: Blirstown Twp

County: Warren

Drainage Area (sq miles): 6.6

Sample Date: 06/11/2012

Site Type: Fixed



IBI Metrics

Metric 1-%Rheophilic Richness	86.25
Metric 2-%Cold Non-tolerant Coolwater	92.54
Metric 3-%Generalist Richness	42.03
Metric 4-Tolerance Index	98.09
Metric 5-%Lithophilic Richness	82.79
Metric 6-%Cyprinidae	82.54
Metric 7-%Dominant 3 Taxa	100.00
Metric 8-%Benthic Insectivore Richness	37.84

Field Chemistry

Air Temp (°C)	31
Water Temperature (°C)	18.51
Dissolved Oxygen (mg/L)	9.01
% Saturation	96.8
pH	7.28
Conductivity (µS/cm)	104

Northern Fish IBI Score (0-100): 77.76

IBI Rating: Good

High Gradient Habitat Score (0-200): 174

Habitat Rating: Optimal

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Common Name	Scientific Name	Abundance
Blacknose Dace	<i>Rhinichthys atratulus</i>	160
Brown Trout	<i>Salmo trutta</i>	33
Creek Chub	<i>Semotilus atromaculatus</i>	13
Longnose Dace	<i>Rhinichthys cataractae</i>	11
American Eel	<i>Anguilla rostrata</i>	8
White Sucker	<i>Catostomus commersoni</i>	5
Bluegill	<i>Lepomis macrochirus</i>	4