

# FIBI216-R3

## Indian Run

Birmingham Road

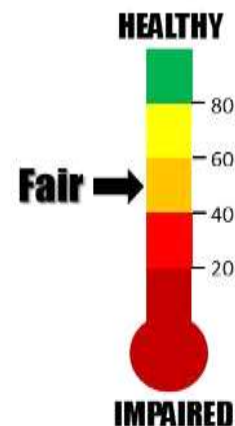
Municipality: Pemberton Twp

County: Burlington

Drainage Area (sq miles): 5.9

Sample Date: 06/22/2015

Site Type: Fixed



### IBI Metrics

Metric 1 - Native Sp.	68.60
Metric 2 - Benthic Sp	68.98
Metric 3 - Intolerant Sp.	3.96
Metric 4 - %Tolerant Sp.	85.34
Metric 5-%Insectivore Sp.	75.48
Metric 6 -%Piscivorous Sp.	0.00
Metric 7 - Abundance-tolerance	56.86
Metric 8-% DELTs	70.14

### Field Chemistry

Air Temp (°C)	25.8
Water Temperature (°C)	21.82
Dissolved Oxygen (mg/L)	7.31
% Saturation	83.1
pH	6.86
Conductivity (µS/cm)	166

***Southern Fish IBI Score (0-100): 53.67***

***IBI Rating: Fair***

***Low Gradient Habitat Score (0-200): 141***

***Habitat Rating: Suboptimal***

**Summary:** Despite ample large woody debris and habitat for top predatory fish, crews have not collected a predatory fish at this site which indicates an imbalance in the food web. The cause of the low scores for %Piscivore and Intolerant Species metrics is unclear, as the site has adequate habitat, good overhead cover, substrate, and flow regime.

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## **Indian Run**

<b>Common Name</b>	<b>Scientific Name</b>	<b>Abundance</b>
Tessellated Darter	<i>Etheostoma olmstedii</i>	76
Pumpkinseed	<i>Lepomis gibbosus</i>	36
Fallfish	<i>Semotilus corporalis</i>	29
American Eel	<i>Anguilla rostrata</i>	13
Eastern Mudminnow	<i>Umbra pygmaea</i>	12
Redbreast Sunfish	<i>Lepomis auritus</i>	7
Bluegill	<i>Lepomis macrochirus</i>	7
Pirate Perch	<i>Aphredoderus sayanus</i>	7
White Sucker	<i>Catostomus commersoni</i>	7
Creek Chubsucker	<i>Erimyzon oblongus</i>	2
Yellow Bullhead	<i>Ameiurus natalis</i>	1