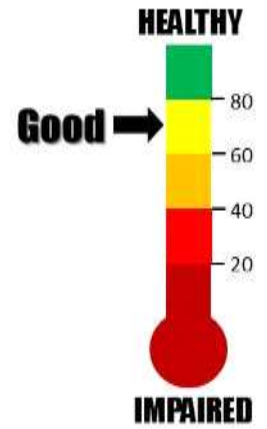


# FIBI206-R3

## Doctors Creek

Rt. 130  
 Municipality: Hamilton  
 County: Mercer  
 Drainage Area (sq miles): 26  
 Sample Date: 08/05/2015  
 Site Type: Fixed



### IBI Metrics

Metric 1 - Native Sp.	100.00
Metric 2 - Benthic Sp	88.84
Metric 3 - Intolerant Sp.	79.11
Metric 4 - %Tolerant Sp.	67.96
Metric 5-%Insectivore Sp.	40.20
Metric 6 -%Piscivorous Sp.	4.99
Metric 7 - Abundance-tolerance	100.00
Metric 8-% DELTs	94.16

### Field Chemistry

Air Temp (°C)	23.1
Water Temperature (°C)	22.2
Dissolved Oxygen (mg/L)	6.83
% Saturation	78.2
pH	6.72
Conductivity (µS/cm)	411.1

***Southern Fish IBI Score (0-100): 71.91***

***IBI Rating: Good***

***Low Gradient Habitat Score (0-200): 125***

***Habitat Rating: Suboptimal***

**Summary:** The IBI score at Doctor's Creek has increased dramatically from early sampling in 2007. The habitat, flow, and substrate have all improved which is reflected in the 2015 IBI results.

# FIBI206-R3

## Doctors Creek

Common Name	Scientific Name	Abundance
Spottail Shiner	<i>Notropis hudsonius</i>	79
Tessellated Darter	<i>Etheostoma olmstedii</i>	72
American Eel	<i>Anguilla rostrata</i>	67
Eastern Silvery Minnow	<i>Hybognathus regius</i>	57
White Sucker	<i>Catostomus commersoni</i>	51
Fallfish	<i>Semotilus corporalis</i>	48
Redbreast Sunfish	<i>Lepomis auritus</i>	43
Bluegill	<i>Lepomis macrochirus</i>	31
Satinfin Shiner	<i>Cyprinella analostana</i>	9
Margined Madtom	<i>Noturus insignis</i>	8
Pumpkinseed	<i>Lepomis gibbosus</i>	6
Common Shiner	<i>Luxilus cornutus</i>	6
Swallowtail Shiner	<i>Notropis procne</i>	5
Eastern Mudminnow	<i>Umbra pygmaea</i>	4
Largemouth Bass	<i>Micropterus salmoides</i>	4
Sea Lamprey	<i>Petromyzon marinus</i>	4
Brown Bullhead	<i>Ameiurus nebulosus</i>	3
Mummichog	<i>Fundulus heteroclitus</i>	2
Black Crappie	<i>Pomoxis nigromaculatus</i>	2
Redfin Pickerel	<i>Esox americanus americanus</i>	2
Blacknose Dace	<i>Rhinichthys atratulus</i>	1