

# FIBI226-R3

## Little Creek

Route 70

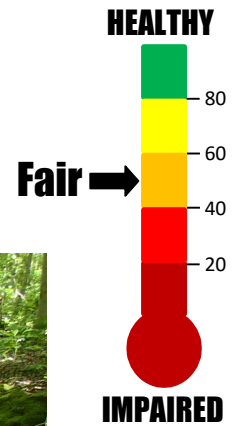
Municipality: Medford/Southampton Twp

County: Burlington

Drainage Area (sq miles): 4.5

Sample Date: 06/30/2016

Site Type: Fixed



### IBI Metrics

Metric 1 - Native Sp.	97.45
Metric 2 - Benthic Sp	100.00
Metric 3 - Intolerant Sp.	100.00
Metric 4 - %Tolerant Sp.	29.49
Metric 5-%Insectivore Sp.	29.05
Metric 6 -%Piscivorous Sp.	27.95
Metric 7 - Abundance-tolerance	15.38
Metric 8-% DELTs	78.21

### Field Chemistry

Air Temp (°C)	28.6
Water Temperature (°C)	21.78
Dissolved Oxygen (mg/L)	6.95
% Saturation	78.5
pH	6.09
Conductivity (µS/cm)	159.3

***Southern Fish IBI Score (0-100): 59.69***

***IBI Rating: Fair***

***Low Gradient Habitat Score (0-200): 157***

***Habitat Rating: Suboptimal***

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## **Little Creek**

<b>Common Name</b>	<b>Scientific Name</b>	<b>Abundance</b>
American Eel	<i>Anguilla rostrata</i>	86
Redfin Pickerel	<i>Esox americanus americanus</i>	11
Yellow Bullhead	<i>Ameiurus natalis</i>	8
Tadpole Madtom	<i>Noturus gyrinus</i>	7
Redbreast Sunfish	<i>Lepomis auritus</i>	5
Eastern Mudminnow	<i>Umbra pygmaea</i>	4
Mud Sunfish	<i>Acantharchus pomotis</i>	3
Bluegill	<i>Lepomis macrochirus</i>	2
Banded Sunfish	<i>Enneacanthus obesus</i>	2
Tessellated Darter	<i>Etheostoma olmstedi</i>	1
Green Sunfish	<i>Lepomis cyanellus</i>	1
Chain Pickerel	<i>Esox niger</i>	1
Creek Chubsucker	<i>Erimyzon oblongus</i>	1
Swamp Darter	<i>Etheostoma fusiforme</i>	1
Fallfish	<i>Semotilus corporalis</i>	1
Pumpkinseed	<i>Lepomis gibbosus</i>	1