

# FIBI022-R3r

## Six Mile Run

South Middlebush Road

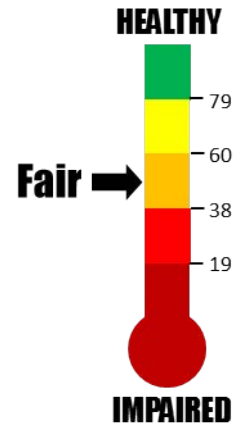
Municipality: Franklin Twp

County: Somerset

Drainage Area (sq miles): 10

Sample Date: 08/05/2014

Site Type: Fixed



### IBI Metrics

Metric 1-%Rheophilic Richness	48.90
Metric 2-%Cold Non-tolerant Coolwater	68.84
Metric 3-%Generalist Richness	78.82
Metric 4-Tolerance Index	65.54
Metric 5-%Lithophilic Richness	48.30
Metric 6-%Cyprinidae	12.66
Metric 7-%Dominant 3 Taxa	26.33
Metric 8-%Benthic Insectivore Richness	44.15

### Field Chemistry

Air Temp (°C)	35.1
Water Temperature (°C)	21.12
Dissolved Oxygen (mg/L)	7.76
% Saturation	86.9
pH	7.12
Conductivity (µS/cm)	366

*Northern Fish IBI Score (0-100): 49.19*

*IBI Rating: Fair*

*High Gradient Habitat Score (0-200): 123*

*Habitat Rating: Suboptimal*

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## **Six Mile Run**

<b>Common Name</b>	<b>Scientific Name</b>	<b>Abundance</b>
Tessellated Darter	<i>Etheostoma olmstedii</i>	350
White Sucker	<i>Catostomus commersoni</i>	90
Longnose Dace	<i>Rhinichthys cataractae</i>	61
American Eel	<i>Anguilla rostrata</i>	44
Swallowtail Shiner	<i>Notropis procne</i>	22
Creek Chub	<i>Semotilus atromaculatus</i>	21
Redbreast Sunfish	<i>Lepomis auritus</i>	14
Common Shiner	<i>Luxilus cornutus</i>	9
Green Sunfish	<i>Lepomis cyanellus</i>	9
Banded Killifish	<i>Fundulus diaphanus</i>	8
Satinfin Shiner	<i>Cyprinella analostana</i>	7
Redfin Pickerel	<i>Esox americanus americanus</i>	7
Spottail Shiner	<i>Notropis hudsonius</i>	7
Blacknose Dace	<i>Rhinichthys atratulus</i>	6
Creek Chubsucker	<i>Erimyzon oblongus</i>	3
Fallfish	<i>Semotilus corporalis</i>	2
Western Mosquitofish	<i>Gambusia affinis</i>	1
Bluegill	<i>Lepomis macrochirus</i>	1