

FIBI089-R3

Beden Brook

Opossum Road

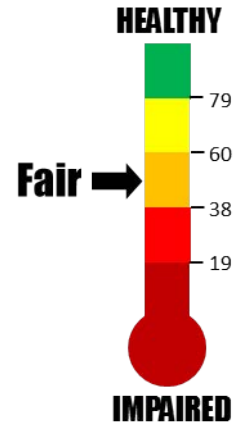
Municipality: Montgomery Boro

County: Somerset

Drainage Area (sq miles): 26

Sample Date: 06/25/2014

Site Type: Fixed



IBI Metrics

Metric 1-%Rheophilic Richness	61.91
Metric 2-%Cold Non-tolerant Coolwater	36.40
Metric 3-%Generalist Richness	56.43
Metric 4-Tolerance Index	30.66
Metric 5-%Lithophilic Richness	48.30
Metric 6-%Cyprinidae	22.45
Metric 7-%Dominant 3 Taxa	41.46
Metric 8-%Benthic Insectivore Richness	44.15

Field Chemistry

Air Temp (°C)	25.9
Water Temperature (°C)	21.56
Dissolved Oxygen (mg/L)	Not Working
% Saturation	Not Working
pH	7.41
Conductivity (µS/cm)	359

Northern Fish IBI Score (0-100): 42.72

IBI Rating: Fair

High Gradient Habitat Score (0-200): 127

Habitat Rating: Suboptimal

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Common Name	Scientific Name	Abundance
American Eel	<i>Anguilla rostrata</i>	93
Tessellated Darter	<i>Etheostoma olmstedii</i>	84
White Sucker	<i>Catostomus commersoni</i>	49
Banded Killifish	<i>Fundulus diaphanus</i>	44
Satinfin Shiner	<i>Cyprinella analostana</i>	17
Blacknose Dace	<i>Rhinichthys atratulus</i>	12
Swallowtail Shiner	<i>Notropis procne</i>	10
Longnose Dace	<i>Rhinichthys cataractae</i>	9
Comely Shiner	<i>Notropis amoenus</i>	8
Green Sunfish	<i>Lepomis cyanellus</i>	8
Redbreast Sunfish	<i>Lepomis auritus</i>	6
Yellow Bullhead	<i>Ameiurus natalis</i>	2