

# FIBI539-R2

## Dock Watch Hollow Brook

Dock Watch Hollow Road

Municipality: Warren

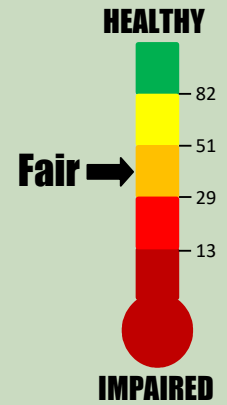
County: Somerset

Drainage Area (sq miles): 2.90

Average Width(m): 5.35

Sample Date: 8/8/2019

Site Type: Fixed



Metric 1 - Number of intolerant vertebrate species	0.00
Metric 2 - Proportion of vertebrate species as top carnivores	0.00
Metric 3 -Percent tolerant fish	99.05
Metric 4 -Proportion of total richness as native	87.50
Metric 5 -Percent native crayfish	21.43
Metric 6 -Brook trout density	0.00

Air Temperature (°C)	23.4
Water Temperature (°C)	21.02
Dissolved Oxygen (mg/L)	8.70
% Saturation	97.7
pH	7.52
Conductivity (uS/cm)	250.3
Nitrate/Nitrite (mg/L):	0.725
Total Kjeldahl (mg/L):	0.444
Total Phosphorus (mg/L):	0.0386

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***Headwaters IBI Score (0-100):*** ***34.66***

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***IBI Rating:*** ***Fair***

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***High Gradient Habitat Score (0-200):*** ***144***

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***Habitat Rating:*** ***Suboptimal***

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**Summary:** Dock Watch Hollow Brook was rated "fair" in 2014 and remained "fair" in 2019.

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<b>Common Name</b>	<b>Scientific Name</b>	<b>Abundance</b>
Longnose Dace	<i>Rhinichthys cataractae</i>	65
Blacknose Dace	<i>Rhinichthys atratulus</i>	25
Creek Chub	<i>Semotilus atromaculatus</i>	17
Allegheny Crayfish	<i>Faxonius obscurus</i>	11
Northern Two-lined Salamander	<i>Eurycea bislineata</i>	5
Common Crayfish	<i>Cambarus bartonii bartonii</i>	3
Tessellated Darter	<i>Etheostoma olmstedii</i>	1
White Sucker	<i>Catostomus commersonii</i>	1