

# FIBI515-R1r Pumpkin Patch Brook

Inman Avenue

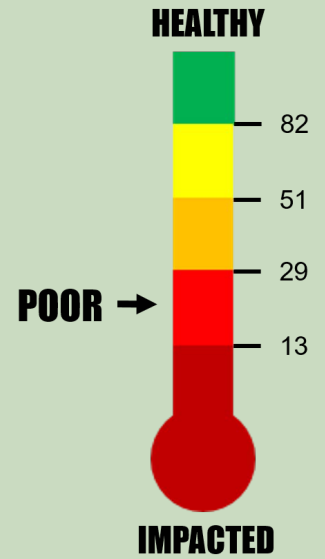
Municipality: Woodbridge

County: Middlesex

Drainage Area (sq miles): 1.5

Sample Date: 6/10/2014

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	12.44
Metric 4 -Proportion of total richness as native	80.00
Metric 5 -Percent native crayfish	0.00
Metric 6 -Brook trout density	0.00

Air Temperature (°C)	22.5
Water Temperature (°C)	19.4
Dissolved Oxygen (mg/L)	8
% Saturation	86.4
pH	6.47
Conductivity (uS/cm)	805

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***Headwaters IBI Score (0-100):*** ***15.41***

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***IBI Rating:*** ***Poor***

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***High Gradient Habitat Score (0-200):*** ***90***

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***Habitat Rating:*** ***Marginal***

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**Summary:** FIBI515 was rated "poor" in 2013. Pumpkin Patch Brook contained mostly tolerant and generalist fish and had excessive amounts of filamentous algae throughout much of the reach.

# FIBI515-R1r

## Pumpkin Patch Brook

<b>Common Name</b>	<b>Scientific Name</b>	<b>Abundance</b>
Banded Killifish	<i>Fundulus diaphanus</i>	477
Mummichog	<i>Fundulus heteroclitus</i>	124
Common Shiner	<i>Luxilus cornutus</i>	50
Tessellated Darter	<i>Etheostoma olmstedii</i>	43
Blacknose Dace	<i>Rhinichthys atratulus</i>	21
Fathead Minnow	<i>Pimephales promelas</i>	20
Creek Chub	<i>Semotilus atromaculatus</i>	2
Red Swamp Crayfish	<i>Procambarus clarkii</i>	1
Eastern Mudminnow	<i>Umbra pygmaea</i>	1
Northern Two-lined Salamander	<i>Eurycea bislineata</i>	1