

FIBI532-R1

Rockaway Creek

Fairmount Road

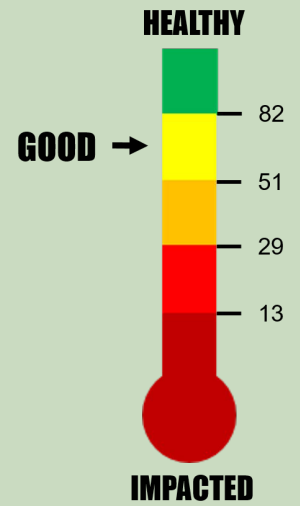
Municipality: Tewksbury

County: Hunterdon

Drainage Area (sq miles): 2.1

Sample Date: 6/23/2014

Site Type: Fixed



Metric 1 - Number of intolerant vertebrate species	33.33
Metric 2 - Proportion of vertebrate species as top carnivores	21.93
Metric 3 -Percent tolerant fish	87.89
Metric 4 -Proportion of total richness as native	84.62
Metric 5 -Percent native crayfish	100.00
Metric 6 -Brook trout density	0.00

Air Temperature (°C)	24.4
Water Temperature (°C)	12.6
Dissolved Oxygen (mg/L)	11.14
% Saturation	103.3
pH	5.89
Conductivity (uS/cm)	267

Headwaters IBI Score (0-100): ***54.63***

IBI Rating: ***Good***

High Gradient Habitat Score (0-200): ***149***

Habitat Rating: ***Suboptimal***

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Common Name	Scientific Name	Abundance
Blacknose Dace	<i>Rhinichthys atratulus</i>	77
Brown Trout	<i>Salmo trutta</i>	67
White Sucker	<i>Catostomus commersoni</i>	10
Tessellated Darter	<i>Etheostoma olmstedii</i>	10
Northern Two-lined Salamander	<i>Eurycea bislineata</i>	9
Pumpkinseed	<i>Lepomis gibbosus</i>	8
Fallfish	<i>Semotilus corporalis</i>	7
American Eel	<i>Anguilla rostrata</i>	4
Longnose Dace	<i>Rhinichthys cataractae</i>	2
Creek Chub	<i>Semotilus atromaculatus</i>	2
Bluegill	<i>Lepomis macrochirus</i>	2
Green Frog	<i>Lithobates clamitans</i>	2
Common Crayfish	<i>Cambarus bartonii bartonii</i>	1