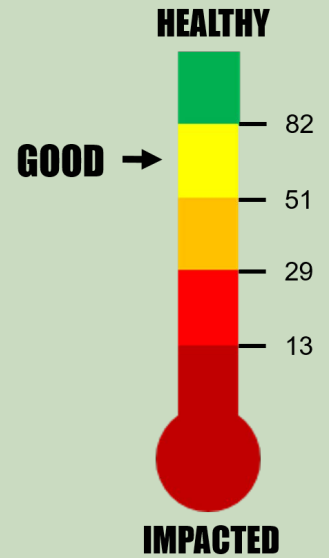


# FIBI522-R1 Lubbers Run Tributary

off Mansfield Drive  
Municipality: Byram  
County: Sussex  
Drainage Area (sq miles): 1.1  
Sample Date: 7/3/2013  
Site Type: Validation



Metric 1 - Number of intolerant vertebrate species	33.33
Metric 2 - Proportion of vertebrate species as top carnivores	65.79
Metric 3 -Percent tolerant fish	94.22
Metric 4 -Proportion of total richness as native	90.00
Metric 5 -Percent native crayfish	40.00
Metric 6 -Brook trout density	0.00

Air Temperature (°C)	24.9
Water Temperature (°C)	19.24
Dissolved Oxygen (mg/L)	8.24
% Saturation	87
pH	5.39
Conductivity (uS/cm)	140

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***Headwaters IBI Score (0-100):*** ***53.89***

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***IBI Rating:*** ***Good***

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***High Gradient Habitat Score (0-200):*** ***165***

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***Habitat Rating:*** ***Optimal***

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# FIBI522-R1 Lubbers Run Tributary

<b>Common Name</b>	<b>Scientific Name</b>	<b>Abundance</b>
Redfin Pickerel	<i>Esox americanus americanus</i>	14
Tessellated Darter	<i>Etheostoma olmstedi</i>	13
Eastern Mudminnow	<i>Umbra pygmaea</i>	4
Fallfish	<i>Semotilus corporalis</i>	3
Red Swamp Crayfish	<i>Procambarus clarkii</i>	3
Northern Red Salamander	<i>Pseudotriton ruber ruber</i>	2
Common Crayfish	<i>Cambarus bartonii bartonii</i>	2
White Sucker	<i>Catostomus commersoni</i>	2
Green Frog	<i>Lithobates clamitans</i>	1
Pickerel Frog	<i>Lithobates palustris</i>	1