

# NJPB-136-R1

## Cherry Run

Cherry Hill Road

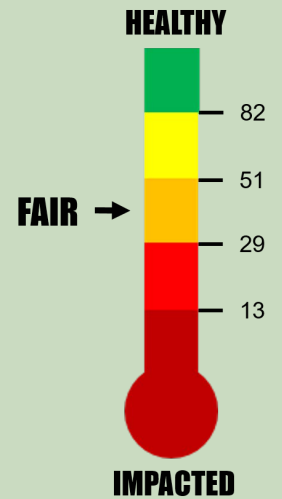
Municipality: Montgomery

County: Somerset

Drainage Area (sq miles): 1.9

Sample Date: 8/11/2014

Site Type: Probabilistic



Metric 1 - Number of intolerant vertebrate species	0.00
Metric 2 - Proportion of vertebrate species as top carnivores	40.49
Metric 3 -Percent tolerant fish	81.86
Metric 4 -Proportion of total richness as native	80.00
Metric 5 -Percent native crayfish	5.00
Metric 6 -Brook trout density	0.00

Air Temperature (°C)	23.7
Water Temperature (°C)	19.69
Dissolved Oxygen (mg/L)	5.84
% Saturation	62.8
pH	5.83
Conductivity (uS/cm)	317

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***Headwaters IBI Score (0-100):*** ***34.56***

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

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***High Gradient Habitat Score (0-200):*** ***130***

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

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<b>Common Name</b>	<b>Scientific Name</b>	<b>Abundance</b>
Creek Chub	<i>Semotilus atromaculatus</i>	45
Tessellated Darter	<i>Etheostoma olmstedii</i>	43
Virile Crayfish	<i>Orconectes virilis</i>	38
White Sucker	<i>Catostomus commersoni</i>	26
Redfin Pickerel	<i>Esox americanus americanus</i>	26
Blacknose Dace	<i>Rhinichthys atratulus</i>	21
Common Shiner	<i>Luxilus cornutus</i>	20
Creek Chubsucker	<i>Erimyzon oblongus</i>	17
Northern Two-lined Salamander	<i>Eurycea bislineata</i>	13
American Eel	<i>Anguilla rostrata</i>	6
Green Sunfish	<i>Lepomis cyanellus</i>	6
Largemouth Bass	<i>Micropterus salmoides</i>	6
Spinycheek Crayfish	<i>Orconectes limosus</i>	2
Fallfish	<i>Semotilus corporalis</i>	1
Yellow Bullhead	<i>Ameiurus natalis</i>	1