

# NJS11-156a-R4

## Peckman River

McBride Ave

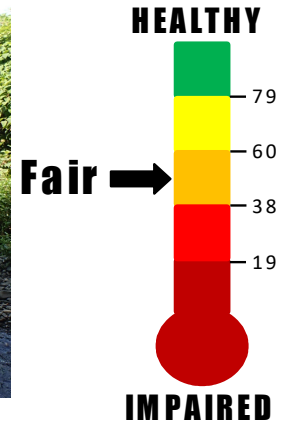
Municipality: Woodland Park Boro

County: Passaic

Drainage Area (sq miles): 10

Sample Date: 8 /7 /2018

Site Type: Fixed



### IBI Metrics

Metric 1-%Rheophilic Richness	39.40
Metric 2-%Cold Non-tolerant Coolwater	69.86
Metric 3-%Generalist Richness	56.43
Metric 4-Tolerance Index	64.12
Metric 5-%Lithophilic Richness	51.74
Metric 6-%Cyprinidae	59.17
Metric 7-%Dominant 3 Taxa	35.97
Metric 8-%Benthic Insectivore Richness	37.84

### Field Chemistry

Air Temp (°C)	27.2
Water Temperature (°C)	22.61
Dissolved Oxygen (mg/L)	7.8
% Saturation	90.5
pH	7.18
Conductivity (µS/cm)	843.4
Total Kjeldahl (mg/L)	0.49
Total Phosphorus (mg/L)	0.20
Nitrate/Nitrite (mg/L)	4.96

*Northern Fish IBI Score (0-100): 51.82*

*IBI Rating: Fair*

*High Gradient Habitat Score (0-200): 117*

*Habitat Rating: Suboptimal*

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Common Name	Scientific Name	Abundance
Creek Chub	<i>Semotilus atromaculatus</i>	247
White Sucker	<i>Catostomus commersonii</i>	218
Longnose Dace	<i>Rhinichthys cataractae</i>	184
Tessellated Darter	<i>Etheostoma olmstedi</i>	131
Blacknose Dace	<i>Rhinichthys atratulus</i>	79
Redbreast Sunfish	<i>Lepomis auritus</i>	24
Bluegill	<i>Lepomis macrochirus</i>	14
Eastern Silvery Minnow	<i>Hybognathus regius</i>	12
Largemouth Bass	<i>Micropterus salmoides</i>	10
Smallmouth Bass	<i>Micropterus dolomieu</i>	4
Pumpkinseed	<i>Lepomis gibbosus</i>	4
American Eel	<i>Anguilla rostrata</i>	3
Banded Killifish	<i>Fundulus diaphanus</i>	2
Common Shiner	<i>Luxilus cornutus</i>	1