

FIBI096a-R3

Wanaque River

East Shore Drive

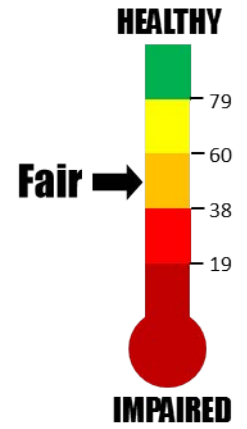
Municipality: West Milford Twp

County: Passaic

Drainage Area (sq miles): 29

Sample Date: 07/16/2013

Site Type: Fixed



IBI Metrics

Metric 1-%Rheophilic Richness	75.56
Metric 2-%Cold Non-tolerant Coolwater	3.75
Metric 3-%Generalist Richness	36.28
Metric 4-Tolerance Index	100.00
Metric 5-%Lithophilic Richness	57.95
Metric 6-%Cyprinidae	74.79
Metric 7-%Dominant 3 Taxa	0.00
Metric 8-%Benthic Insectivore Richness	52.98

Field Chemistry

Air Temp (°C)	30
Water Temperature (°C)	26.85
Dissolved Oxygen (mg/L)	Not Working
% Saturation	Not Working
pH	7.16
Conductivity (µS/cm)	222.2

Northern Fish IBI Score (0-100): 50.16

IBI Rating: Fair

High Gradient Habitat Score (0-200): 162

Habitat Rating: Optimal

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Common Name	Scientific Name	Abundance
Cutlips Minnow	<i>Exoglossum maxillingua</i>	237
Redbreast Sunfish	<i>Lepomis auritus</i>	182
Yellow Bullhead	<i>Ameiurus natalis</i>	20
Blacknose Dace	<i>Rhinichthys atratulus</i>	8
Chain Pickerel	<i>Esox niger</i>	2