

# NJS11-112-R3

## Raritan River SB

Kiceniuk Road

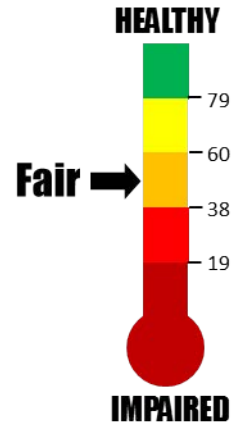
Municipality: Clinton Twp

County: Hunterdon

Drainage Area (sq miles):149

Sample Date: 07/31/2012

Site Type: Probabilistic



### IBI Metrics

Metric 1-%Rheophilic Richness	46.89
Metric 2-%Cold Non-tolerant Coolwater	49.60
Metric 3-%Generalist Richness	86.07
Metric 4-Tolerance Index	44.43
Metric 5-%Lithophilic Richness	42.61
Metric 6-%Cyprinidae	48.82
Metric 7-%Dominant 3 Taxa	48.16
Metric 8-%Benthic Insectivore Richness	62.33

### Field Chemistry

Air Temp (°C)	23.8
Water Temperature (°C)	23.56
Dissolved Oxygen (mg/L)	7.89
% Saturation	93.2
pH	6.62
Conductivity (µS/cm)	297

***Northern Fish IBI Score (0-100): 53.61***

***IBI Rating: Fair***

***High Gradient Habitat Score (0-200): 133***

***Habitat Rating: Suboptimal***

# NJS11-112-R3

## Raritan River SB

Common Name	Scientific Name	Abundance
American Eel	<i>Anguilla rostrata</i>	193
White Sucker	<i>Catostomus commersoni</i>	121
Tessellated Darter	<i>Etheostoma olmstedii</i>	112
Spottail Shiner	<i>Notropis hudsonius</i>	89
Redbreast Sunfish	<i>Lepomis auritus</i>	60
Margined Madtom	<i>Noturus insignis</i>	24
Largemouth Bass	<i>Micropterus salmoides</i>	17
Bluegill	<i>Lepomis macrochirus</i>	12
Rock Bass	<i>Ambloplites rupestris</i>	12
Green Sunfish	<i>Lepomis cyanellus</i>	11
Smallmouth Bass	<i>Micropterus dolomieu</i>	10
Yellow Bullhead	<i>Ameiurus natalis</i>	10
Satinfin Shiner	<i>Cyprinella analostana</i>	7
Shield Darter	<i>Percina peltata</i>	4
Longnose Dace	<i>Rhinichthys cataractae</i>	3
Common Shiner	<i>Luxilus cornutus</i>	2
Pumpkinseed	<i>Lepomis gibbosus</i>	2