

NJS11-161-R3

Pompton River

Riverside Park

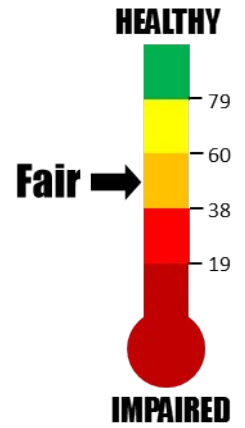
Municipality: Wayne Twp

County: Passaic

Drainage Area (sq miles):253

Sample Date: 06/17/2014

Site Type: Probabilistic



IBI Metrics

Metric 1-%Rheophilic Richness	32.74
Metric 2-%Cold Non-tolerant Coolwater	60.97
Metric 3-%Generalist Richness	73.22
Metric 4-Tolerance Index	85.04
Metric 5-%Lithophilic Richness	24.15
Metric 6-%Cyprinidae	38.04
Metric 7-%Dominant 3 Taxa	33.83
Metric 8-%Benthic Insectivore Richness	22.08

Field Chemistry

Air Temp (°C)	26.5
Water Temperature (°C)	21.01
Dissolved Oxygen (mg/L)	8.37
% Saturation	94.5
pH	7.27
Conductivity (µS/cm)	397.6

Northern Fish IBI Score (0-100): 46.26

IBI Rating: Fair

High Gradient Habitat Score (0-200): 135

Habitat Rating: Suboptimal

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Common Name	Scientific Name	Abundance
Redbreast Sunfish	<i>Lepomis auritus</i>	65
Tessellated Darter	<i>Etheostoma olmstedii</i>	45
Bluespotted Sunfish	<i>Enneacanthus gloriosus</i>	29
Bluegill	<i>Lepomis macrochirus</i>	25
Rock Bass	<i>Ambloplites rupestris</i>	7
Black Crappie	<i>Pomoxis nigromaculatus</i>	6
White Sucker	<i>Catostomus commersoni</i>	5
Yellow Bullhead	<i>Ameiurus natalis</i>	4
Green Sunfish	<i>Lepomis cyanellus</i>	4
Yellow Perch	<i>Perca flavescens</i>	3
Chain Pickerel	<i>Esox niger</i>	2
Brown Trout	<i>Salmo trutta</i>	1