

FIBI049-R3

Walkkill River

Kennedy Avenue

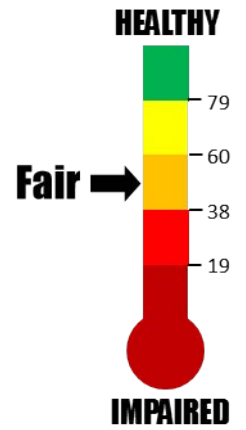
Municipality: Ogdensburg Boro

County: Sussex

Drainage Area (sq miles): 20

Sample Date: 07/09/2012

Site Type: Fixed



IBI Metrics

Metric 1-%Rheophilic Richness	53.26
Metric 2-%Cold Non-tolerant Coolwater	48.04
Metric 3-%Generalist Richness	48.68
Metric 4-Tolerance Index	76.75
Metric 5-%Lithophilic Richness	44.58
Metric 6-%Cyprinidae	39.60
Metric 7-%Dominant 3 Taxa	66.44
Metric 8-%Benthic Insectivore Richness	81.51

Field Chemistry

Air Temp (°C)	25
Water Temperature (°C)	22.64
Dissolved Oxygen (mg/L)	6.75
% Saturation	79.9
pH	7.51
Conductivity (µS/cm)	666

Northern Fish IBI Score (0-100): 57.36

IBI Rating: Fair

High Gradient Habitat Score (0-200): 133

Habitat Rating: Suboptimal

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Wallkill River

Common Name	Scientific Name	Abundance
Redbreast Sunfish	<i>Lepomis auritus</i>	38
Tessellated Darter	<i>Etheostoma olmstedii</i>	38
Longnose Dace	<i>Rhinichthys cataractae</i>	36
White Sucker	<i>Catostomus commersoni</i>	33
Cutlips Minnow	<i>Exoglossum maxillingua</i>	17
Pumpkinseed	<i>Lepomis gibbosus</i>	14
Blacknose Dace	<i>Rhinichthys atratulus</i>	13
Eastern Mudminnow	<i>Umbra pygmaea</i>	10
Redfin Pickerel	<i>Esox americanus americanus</i>	9
Creek Chub	<i>Semotilus atromaculatus</i>	7
Yellow Bullhead	<i>Ameiurus natalis</i>	4
Margined Madtom	<i>Noturus insignis</i>	3
Chain Pickerel	<i>Esox niger</i>	1