

FIBI222-R3

Deep Run

Telegraph Road

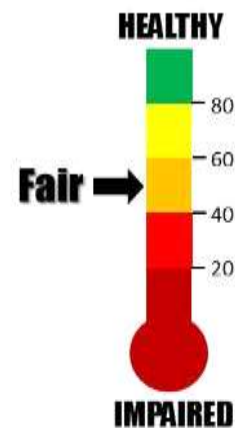
Municipality: Alloway Twp

County: Salem

Drainage Area (sq miles): 5.3

Sample Date: 06/17/2015

Site Type: Fixed



IBI Metrics

Metric 1 - Native Sp.	56.15
Metric 2 - Benthic Sp	69.98
Metric 3 - Intolerant Sp.	100.00
Metric 4 - %Tolerant Sp.	43.16
Metric 5-%Insectivore Sp.	68.56
Metric 6 -%Piscivorous Sp.	6.60
Metric 7 - Abundance-tolerance	22.41
Metric 8-% DELTs	79.43

Field Chemistry

Air Temp (°C)	26.3
Water Temperature (°C)	24.16
Dissolved Oxygen (mg/L)	5.76
% Saturation	68
pH	6.32
Conductivity (µS/cm)	83.6

Southern Fish IBI Score (0-100): 55.79

IBI Rating: Fair

Low Gradient Habitat Score (0-200): 155

Habitat Rating: Suboptimal

Summary: Scores and ratings have remained relatively constant since Deep Run was first sampled in 2008.

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Common Name	Scientific Name	Abundance
American Eel	<i>Anguilla rostrata</i>	66
Pumpkinseed	<i>Lepomis gibbosus</i>	51
Bluegill	<i>Lepomis macrochirus</i>	10
Eastern Mudminnow	<i>Umbra pygmaea</i>	5
Chain Pickerel	<i>Esox niger</i>	3
Yellow Bullhead	<i>Ameiurus natalis</i>	3
Swamp Darter	<i>Etheostoma fusiforme</i>	3
Creek Chubsucker	<i>Erimyzon oblongus</i>	1
Bluespotted Sunfish	<i>Enneacanthus gloriosus</i>	1