

FIBI256-R3

Parvin Branch

Route 55

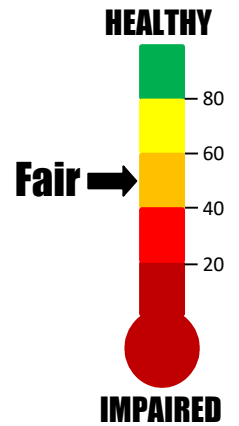
Municipality: Vineland City

County: Cumberland

Drainage Area (sq miles): 8.8

Sample Date: 07/19/2016

Site Type: Fixed



IBI Metrics

Metric 1 - Native Sp.	58.72
Metric 2 - Benthic Sp	32.01
Metric 3 - Intolerant Sp.	0.00
Metric 4 - %Tolerant Sp.	100.00
Metric 5-%Insectivore Sp.	100.00
Metric 6 -%Piscivorous Sp.	54.69
Metric 7 - Abundance-tolerance	30.77
Metric 8-% DELTs	100.00

Field Chemistry

Air Temp (°C)	27.2
Water Temperature (°C)	19.41
Dissolved Oxygen (mg/L)	6.42
% Saturation	69
pH	6.53
Conductivity (µS/cm)	349.9

Southern Fish IBI Score (0-100): 59.52

IBI Rating: Fair

Low Gradient Habitat Score (0-200): 151

Habitat Rating: Suboptimal

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Common Name	Scientific Name	Abundance
Eastern Mudminnow	<i>Umbra pygmaea</i>	40
Pirate Perch	<i>Aphredoderus sayanus</i>	17
Redfin Pickerel	<i>Esox americanus americanus</i>	13
Tessellated Darter	<i>Etheostoma olmstedi</i>	12
Pumpkinseed	<i>Lepomis gibbosus</i>	3
Chain Pickerel	<i>Esox niger</i>	2
Brown Bullhead	<i>Ameiurus nebulosus</i>	2
Largemouth Bass	<i>Micropterus salmoides</i>	1
Redbreast Sunfish	<i>Lepomis auritus</i>	1
Golden Shiner	<i>Notemigonus crysoleucas</i>	1