

FIBI265-R3

Pompeston Creek

Parry Rd.

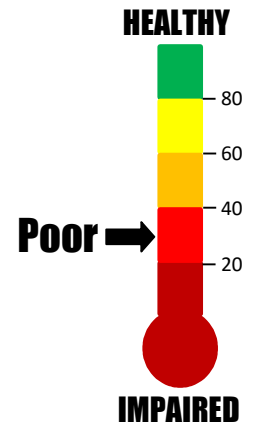
Municipality: Cinnaminson

County: Burlington

Drainage Area (sq miles): 3

Sample Date: 06/17/2016

Site Type: Fixed



IBI Metrics

Metric 1 - Native Sp.	34.05
Metric 2 - Benthic Sp	8.48
Metric 3 - Intolerant Sp.	15.33
Metric 4 - %Tolerant Sp.	42.92
Metric 5-%Insectivore Sp.	4.68
Metric 6 -%Piscivorous Sp.	3.22
Metric 7 - Abundance-tolerance	76.25
Metric 8-% DELTs	100.00

Field Chemistry

Air Temp (°C)	22.2
Water Temperature (°C)	18.87
Dissolved Oxygen (mg/L)	5.44
% Saturation	58.2
pH	7.03
Conductivity (µS/cm)	411.4

Southern Fish IBI Score (0-100): 35.62

IBI Rating: Poor

Low Gradient Habitat Score (0-200): 115

Habitat Rating: Suboptimal

Summary: FIBI265 on Pompeston Creek is closely bordered by houses on both sides. There was a large garbage/debris pile in the stream behind a section of woody debris and there are numerous sediment bars throughout the stretch. The fish community consists mainly of tolerant species along with a high abundance of nonnative green sunfish.

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Common Name	Scientific Name	Abundance
Spottail Shiner	<i>Notropis hudsonius</i>	187
Green Sunfish	<i>Lepomis cyanellus</i>	147
American Eel	<i>Anguilla rostrata</i>	75
Bluegill	<i>Lepomis macrochirus</i>	39
Golden Shiner	<i>Notemigonus crysoleucas</i>	22
Pumpkinseed	<i>Lepomis gibbosus</i>	14
Largemouth Bass	<i>Micropterus salmoides</i>	5