

FIBI042-R4

Elizabeth River

Lakeview Drive

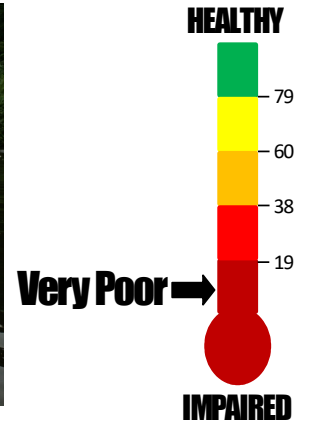
Municipality: Hillside Twp

County: Union

Drainage Area (sq miles): 16

Sample Date: 8 /7 /2019

Site Type: Fixed



IBI Metrics

Metric 1-%Rheophilic Richness	0.00
Metric 2-%Cold Non-tolerant Coolwater	0.00
Metric 3-%Generalist Richness	56.43
Metric 4-Tolerance Index	0.00
Metric 5-%Lithophilic Richness	0.00
Metric 6-%Cyprinidae	4.22
Metric 7-%Dominant 3 Taxa	0.00
Metric 8-%Benthic Insectivore Richness	0.00

Field Chemistry

Air Temp (°C)	27.5
Water Temperature (°C)	23.10
Dissolved Oxygen (mg/L)	6.3
% Saturation	73.4
pH	7.16
Conductivity (µS/cm)	586.2
Total Kjeldahl (mg/L)	0.52
Total Phosphorus (mg/L)	0.10
Nitrate/Nitrite (mg/L)	1.01

Northern Fish IBI Score (0-100): 7.58

IBI Rating: Very Poor

High Gradient Habitat Score (0-200): 93

Habitat Rating: Marginal

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Common Name	Scientific Name	Abundance
Mummichog	<i>Fundulus heteroclitus</i>	147
Fathead Minnow	<i>Pimephales promelas</i>	14
Largemouth Bass	<i>Micropterus salmoides</i>	1
American Eel	<i>Anguilla rostrata</i>	1