

FIBI234-R3

Little Creek

Country Club Road

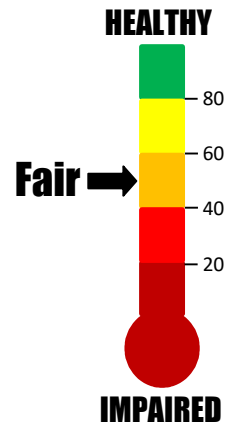
Municipality: Lumberton

County: Burlington

Drainage Area (sq miles): 19

Sample Date: 07/06/2016

Site Type: Fixed



IBI Metrics

| | |
|--------------------------------|-------|
| Metric 1 - Native Sp. | 72.47 |
| Metric 2 - Benthic Sp | 58.28 |
| Metric 3 - Intolerant Sp. | 84.23 |
| Metric 4 - %Tolerant Sp. | 42.63 |
| Metric 5-%Insectivore Sp. | 34.35 |
| Metric 6 -%Piscivorous Sp. | 24.58 |
| Metric 7 - Abundance-tolerance | 57.53 |
| Metric 8-% DELTs | 92.07 |

Field Chemistry

| | |
|-------------------------|-------|
| Air Temp (°C) | 28.1 |
| Water Temperature (°C) | 22.37 |
| Dissolved Oxygen (mg/L) | 6.45 |
| % Saturation | 74.1 |
| pH | 7.21 |
| Conductivity (µS/cm) | 298.4 |

Southern Fish IBI Score (0-100): 58.27

IBI Rating: Fair

Low Gradient Habitat Score (0-200): 136

Habitat Rating: Suboptimal

FIBI234-R3

Little Creek

| Common Name | Scientific Name | Abundance |
|---------------------|-----------------------------------|-----------|
| American Eel | <i>Anguilla rostrata</i> | 197 |
| Tessellated Darter | <i>Etheostoma olmstedi</i> | 63 |
| Fallfish | <i>Semotilus corporalis</i> | 37 |
| Redbreast Sunfish | <i>Lepomis auritus</i> | 22 |
| Largemouth Bass | <i>Micropterus salmoides</i> | 17 |
| Tadpole Madtom | <i>Noturus gyrinus</i> | 12 |
| Redfin Pickerel | <i>Esox americanus americanus</i> | 10 |
| Pirate Perch | <i>Aphredoderus sayanus</i> | 4 |
| Eastern Mudminnow | <i>Umbra pygmaea</i> | 2 |
| Chain Pickerel | <i>Esox niger</i> | 2 |
| Bluegill | <i>Lepomis macrochirus</i> | 1 |
| Bluespotted Sunfish | <i>Enneacanthus gloriosus</i> | 1 |
| Green Sunfish | <i>Lepomis cyanellus</i> | 1 |
| Yellow Bullhead | <i>Ameiurus natalis</i> | 1 |
| White Catfish | <i>Ameiurus catus</i> | 1 |