

**Abram Creek Upstream of RR Tracks, West of Plant Lane**

**August 30, 2019**

**River Mile: 3.72**

**Station ID: 501760**

**Collection Method: Longline Electrofishing**

**Drainage Area: 7.3 miles<sup>2</sup>**

**Collection Distance: 0.15 km**

| <b>Code</b> | <b>Species</b>  | <b>Number</b>     | <b>Pollution Tolerance</b> | <b>DELT #</b>   | <b>Anomalies Description</b> |
|-------------|---|-------------------|----------------------------|-----------------|------------------------------|
| 40-016      | <i>Catostomus commersonii</i><br>Common white sucker  | 85                | Highly Tolerant            | 0               | ---                          |
| 43-001      | <i>Cyprinus carpio</i><br>Common carp                 | 1                 | Highly Tolerant            | 0               | ---                          |
| 43-002      | <i>Carassius auratus</i><br>Goldfish                  | 1                 | Highly Tolerant            | 0               | ---                          |
| 43-013      | <i>Semotilus atromaculatus</i><br>Creek chub          | 361               | Highly Tolerant            | 0               | ---                          |
| 43-035      | <i>Notropis volucellus</i><br>Mimic Shiner            | 2                 | Common Intolerant          | 0               | ---                          |
| 43-042      | <i>Pimephales promelas</i><br>Northern fathead minnow | 32                | Highly Tolerant            | 0               | ---                          |
| 43-043      | <i>Pimephales notatus</i><br>Bluntnose minnow         | 218               | Highly Tolerant            | 0               | ---                          |
| 47-004      | <i>Ictalurus natalis</i><br>Yellow bullhead           | 2                 | Highly Tolerant            | 0               | ---                          |
| 47-005      | <i>Ictalurus nebulosus</i><br>Brown bullhead          | 11                | Highly Tolerant            | 0               | ---                          |
| 77-006      | <i>Micropterus salmoides</i><br>Largemouth bass       | 1                 | --                         | 0               | ---                          |
| 77-008      | <i>Lepomis cyanellus</i><br>Green sunfish             | 34                | Highly Tolerant            | 0               | ---                          |
| 77-013      | <i>Lepomis gibbosus</i><br>Pumpkinseed sunfish        | 9                 | Moderately Tolerant        | 0               | ---                          |
| 77-016      | <i>HYBRID</i><br>Green SF X Pumpkinseed               | 16                | --                         | 0               | ---                          |
|             | <b>Totals</b>   | <u><u>773</u></u> |                            | <u><u>0</u></u> |                              |

\*DELT anomalies were observed on 0.00 % of the fish collected.  
Index of Biotic Integrity (IBI) = 20 (Poor)

**Abram Creek Upstream of RR Tracks, West of Plant Lane**

**October 4, 2019**

**River Mile: 3.72**

**Station ID: 501760**

**Collection Method: Longline Electrofishing**

**Drainage Area: 7.3 miles<sup>2</sup>**

**Collection Distance: 0.15 km**

| <b>Code</b> | <b>Species</b>  | <b>Number</b>      | <b>Pollution Tolerance</b> | <b>#</b>        | <b>DELT Anomalies Description</b> |
|-------------|---|--------------------|----------------------------|-----------------|-----------------------------------|
| 40-016      | <i>Catostomus commersonii</i><br>Common white sucker    | 67                 | Highly Tolerant            | 0               | ---                               |
| 43-013      | <i>Semotilus atromaculatus</i><br>Creek chub            | 406                | Highly Tolerant            | 0               | ---                               |
| 43-033      | <i>Notropis dorsalis</i><br>Bigmouth Shiner             | 5                  | --                         | 0               | ---                               |
| 43-042      | <i>Pimephales promelas</i><br>Northern fathead minnow   | 100                | Highly Tolerant            | 0               | ---                               |
| 43-043      | <i>Pimephales notatus</i><br>Bluntnose minnow           | 411                | Highly Tolerant            | 0               | ---                               |
| 47-004      | <i>Ictalurus natalis</i><br>Yellow bullhead             | 1                  | Highly Tolerant            | 0               | ---                               |
| 47-005      | <i>Ictalurus nebulosus</i><br>Brown bullhead            | 2                  | Highly Tolerant            | 0               | ---                               |
| 77-008      | <i>Lepomis cyanellus</i><br>Green sunfish               | 50                 | Highly Tolerant            | 0               | ---                               |
| 77-009      | <i>Lepomis macrochirus</i><br>Northern bluegill sunfish | 1                  | Moderately Tolerant        | 0               | ---                               |
| 77-016      | <i>HYBRID</i><br>Green SF X Pumpkinseed                 | 7                  | --                         | 0               | ---                               |
|             | <b>Totals</b>   | <u><u>1050</u></u> |                            | <u><u>0</u></u> |                                   |

\*DELT anomalies were observed on 0.00 % of the fish collected.  
Index of Biotic Integrity (IBI) = 20 (Poor)

**Abram Creek Upstream of Confluence with Rocky River**

**August 26, 2019**

**River Mile: 0.04**

**Station ID: T01W79**

**Collection Method: Longline Electrofishing**

**Drainage Area: 10.8 miles<sup>2</sup>**

**Collection Distance: 0.15 km**

| <b>Code</b> | <b>Species</b>   | <b>Number</b> | <b>Pollution Tolerance</b> | <b>DELT #</b> | <b>Anomalies Description</b> |
|-------------|--|---------------|----------------------------|---------------|------------------------------|
| 40-016      | <i>Catostomus commersonii</i><br>Common white sucker     | 154           | Highly Tolerant            | 0             | ---                          |
| 43-013      | <i>Semotilus atromaculatus</i><br>Creek chub             | 68            | Highly Tolerant            | 0             | ---                          |
| 43-026      | <i>Notropis cornutus</i><br>Common shiner                | 3             | --                         | 0             | ---                          |
| 43-025      | <i>Notropis chrysocephalus</i><br>Striped shiner         | 28            | --                         | 0             | ---                          |
| 43-032      | <i>Cyprinella spiloptera</i><br>Spotfin shiner           | 3             | --                         | 0             | ---                          |
| 43-033      | <i>Notropis dorsalis</i><br>Bigmouth Shiner              | 9             | --                         | 0             | ---                          |
| 43-034      | <i>Notropis stramineus</i><br>Sand shiner                | 8             | Moderately Intolerant      | 0             | ---                          |
| 43-043      | <i>Pimephales notatus</i><br>Bluntnose minnow            | 13            | Highly Tolerant            | 0             | ---                          |
| 43-044      | <i>Campostoma anomalum</i><br>Central stoneroller minnow | 390           | --                         | 0             | ---                          |
| 47-004      | <i>Ictalurus natalis</i><br>Yellow bullhead              | 1             | Highly Tolerant            | 0             | ---                          |
| 47-008      | <i>Noturus flavus</i><br>Stonecat Madtom                 | 3             | Intolerant                 | 0             | ---                          |
| 77-008      | <i>Lepomis cyanellus</i><br>Green sunfish                | 9             | Highly Tolerant            | 0             | ---                          |
| 77-009      | <i>Lepomis macrochirus</i><br>Northern bluegill sunfish  | 11            | Moderately Tolerant        | 0             | ---                          |
| 80-014      | <i>Etheostoma nigrum</i><br>Johnny darter                | 5             | --                         | 0             | ---                          |
|             | <b>Totals</b>  | <b>705</b>    |                            | <b>0</b>      |                              |

**Abram Creek Upstream of Confluence with Rocky River**  
**August 26, 2019**  
**River Mile: 0.04**  
**Station ID: T01W79**

|                                   |      |                          |
|-----------------------------------|------|--------------------------|
| *DELT anomalies were observed on  | 0.00 | % of the fish collected. |
| Index of Biotic Integrity (IBI) = | 34   | (Fair)                   |

**Abram Creek Upstream of Confluence with Rocky River**

**October 8, 2019**

**River Mile: 0.04**

**Station ID: T01W79**

**Collection Method: Longline Electrofishing**

**Drainage Area: 10.8 miles<sup>2</sup>**

**Collection Distance: 0.15 km**

| <b>Code</b> | <b>Species</b>   | <b>Number</b> | <b>Pollution Tolerance</b> | <b>#</b> | <b>DELT Anomalies Description</b> |
|-------------|--|---------------|----------------------------|----------|-----------------------------------|
| 40-016      | <i>Catostomus commersonii</i><br>Common white sucker     | 154           | Highly Tolerant            | 0        | ---                               |
| 43-013      | <i>Semotilus atromaculatus</i><br>Creek chub             | 78            | Highly Tolerant            | 0        | ---                               |
| 43-020      | <i>Notropis atherinoides</i><br>Common Emerald shiner    | 1             | --                         | 0        | ---                               |
| 43-026      | <i>Notropis cornutus</i><br>Common shiner                | 13            | --                         | 0        | ---                               |
| 43-032      | <i>Cyprinella spiloptera</i><br>Spotfin shiner           | 615           | --                         | 0        | ---                               |
| 43-033      | <i>Notropis dorsalis</i><br>Bigmouth Shiner              | 9             | --                         | 0        | ---                               |
| 43-034      | <i>Notropis stramineus</i><br>Sand shiner                | 212           | Moderately Intolerant      | 0        | ---                               |
| 43-039      | <i>Ericymba buccata</i><br>Silverjaw minnow              | 2             | --                         | 0        | ---                               |
| 43-043      | <i>Pimephales notatus</i><br>Bluntnose minnow            | 236           | Highly Tolerant            | 0        | ---                               |
| 43-044      | <i>Campostoma anomalum</i><br>Central stoneroller minnow | 107           | --                         | 0        | ---                               |
| 47-004      | <i>Ictalurus natalis</i><br>Yellow bullhead              | 2             | Highly Tolerant            | 0        | ---                               |
| 47-008      | <i>Noturus flavus</i><br>Stonecat Madtom                 | 2             | Intolerant                 | 0        | ---                               |
| 77-008      | <i>Lepomis cyanellus</i><br>Green sunfish                | 15            | Highly Tolerant            | 0        | ---                               |
| 77-009      | <i>Lepomis macrochirus</i><br>Northern bluegill sunfish  | 43            | Moderately Tolerant        | 0        | ---                               |
| 80-014      | <i>Etheostoma nigrum</i>                                 | 5             | --                         | 0        | ---                               |

**Abram Creek Upstream of Confluence with Rocky River**

**October 8, 2019**

**River Mile: 0.04**

**Station ID: T01W79**

Johnny darter

|        |   |             |                          |          |     |
|--------|---|-------------|--------------------------|----------|-----|
| 80-022 | <i>Etheostoma caeruleum</i><br>Rainbow darter | 2           | Moderately<br>Intolerant | 0        | --- |
| 87-001 | <i>Neogobius melanostomus</i><br>Round goby   | 1           | --                       | 0        | --- |
| 34-001 | <i>Umbra limi</i><br>Central Mudminnow        | 1           | Tolerant                 | 0        | --- |
|        | Totals  | <u>1498</u> |                          | <u>0</u> |     |

|                                   |      |                          |
|-----------------------------------|------|--------------------------|
| *DELT anomalies were observed on  | 0.00 | % of the fish collected. |
| Index of Biotic Integrity (IBI) = | 46   | (Very Good)              |