

Plum Creek Upstream of Usher Road
6/26/2020
River Mile: 2.84
Collection Method: Longline Electrofishing
Drainage Area: 16.5 miles²
Collection Distance: 0.15 km

| Code | Species | Number | Pollution Tolerance | DELT Anomalies # | Description |
|---------------|--|-------------------|----------------------------|-------------------------|--------------------|
| 40-016 | <i>Catostomus commersonii</i> Common white sucker | 35 | Highly Tolerant | 0 | --- |
| 43-013 | <i>Semotilus atromaculatus</i> Creek chub | 125 | Highly Tolerant | 0 | --- |
| 43-043 | <i>Pimephales notatus</i> Bluntnose minnow | 12 | Highly Tolerant | 0 | --- |
| 43-044 | <i>Campostoma anomalum</i> Central stoneroller minnow | 27 | -- | 0 | --- |
| 47-004 | <i>Ictalurus natalis</i> Yellow bullhead | 2 | Highly Tolerant | 0 | --- |
| 77-008 | <i>Lepomis cyanellus</i> Green sunfish | 6 | Highly Tolerant | 0 | --- |
| 80-014 | <i>Etheostoma nigrum</i> Johnny darter | 164 | -- | 0 | --- |
| 34-001 | <i>Umbra limi</i> Central Mudminnow | 8 | Tolerant | 0 | --- |
| Totals | | <u><u>379</u></u> | | <u><u>0</u></u> | |

*DELT anomalies were observed on 0.00 % of the fish collected.
Index of Biotic Integrity (IBI) = 26 (Poor)

Plum Creek Upstream of Usher Road
September 4, 2020
River Mile: 2.84
Station ID: T01G03
Collection Method: Longline Electrofishing
Drainage Area: 16.5 miles²
Collection Distance: 0.15 km

| Code | Species | Number | Pollution Tolerance | DELT Anomalies # | Description |
|--------|--|-------------|---------------------|------------------|-------------|
| 40-016 | <i>Catostomus commersonii</i> Common white sucker | 49 | Highly Tolerant | 0 | --- |
| 43-013 | <i>Semotilus atromaculatus</i> Creek chub | 452 | Highly Tolerant | 0 | --- |
| 43-043 | <i>Pimephales notatus</i> Bluntnose minnow | 144 | Highly Tolerant | 0 | --- |
| 43-044 | <i>Campostoma anomalum</i> Central stoneroller minnow | 277 | -- | 0 | --- |
| 77-008 | <i>Lepomis cyanellus</i> Green sunfish | 3 | Highly Tolerant | 0 | --- |
| 77-009 | <i>Lepomis macrochirus</i> Northern bluegill sunfish | 1 | Moderately Tolerant | 0 | --- |
| 77-013 | <i>Lepomis gibbosus</i> Pumpkinseed sunfish | 2 | Moderately Tolerant | 0 | --- |
| 80-014 | <i>Etheostoma nigrum</i> Johnny darter | 158 | -- | 5 | Tumor |
| 34-001 | <i>Umbra limi</i> Central Mudminnow | 6 | Tolerant | 0 | --- |
| Totals | | <u>1092</u> | | <u>5</u> | |

*DELT anomalies were observed on 0.46 % of the fish collected.
Index of Biotic Integrity (IBI) = 24 (Poor)