

Plum Creek Upstream of Usher Road
8/30/2012
River Mile: 2.90
Collection Method: Longline Electroshocking
Drainage Area: 16.5 miles²
Collection Distance: 0.15 km

| Species | Number | Pollution Tolerance | DELT Anomalies # | Description |
|---|--------------------|--------------------------------|---------------------------------|--------------------|
| Catostomus commersonii Common white sucker | 184 | Highly Tolerant | 0 | --- |
| Semotilus atromaculatus Creek chub | 539 | Highly Tolerant | 0 | --- |
| Pimephales notatus Bluntnose minnow | 95 | Highly Tolerant | 0 | --- |
| Campostoma anomalum Central stoneroller minnow | 113 | -- | 0 | --- |
| Ictalurus natalis Yellow bullhead | 14 | Highly Tolerant | 0 | --- |
| Lepomis cyanellus Green sunfish | 47 | Highly Tolerant | 0 | --- |
| Lepomis gibbosus Pumpkinseed sunfish | 1 | Moderately Tolerant | 0 | --- |
| Etheostoma nigrum Johnny darter | 56 | -- | 0 | --- |
| Umbra limi Central Mudminnow | 23 | Tolerant | 0 | --- |
| Totals | <u>1072</u> | | <u>0</u> | |

*DELT anomalies were observed on 0.0 % of the fish collected.
Index of Biotic Integrity (IBI) = 22 (Poor)

Plum Creek Adjacent to 7990 Columbia Road
8/30/2012
River Mile: 0.30
Collection Method: Longline Electroshocking
Drainage Area: 17.6 miles²
Collection Distance: 0.15 km

| Species | Number | Pollution Tolerance | DELT Anomalies # | Description |
|---|---------------|--------------------------------|---------------------------------|--------------------|
| Catostomus commersonii Common white sucker | 213 | Highly Tolerant | 0 | --- |
| Semotilus atromaculatus Creek chub | 306 | Highly Tolerant | 0 | --- |
| Pimephales notatus Bluntnose minnow | 51 | Highly Tolerant | 0 | --- |
| Campostoma anomalum Central stoneroller minnow | 4 | -- | 0 | --- |
| Lepomis cyanellus Green sunfish | 2 | Highly Tolerant | 0 | --- |
| Etheostoma nigrum Johnny darter | 5 | -- | 0 | --- |
| Totals | <u>581</u> | | <u>0</u> | |

*DELT anomalies were observed on 0.0 % of the fish collected.
 Index of Biotic Integrity (IBI) = 16 (Very Poor)