

# Natural Community Verification Report

Waterbody Name (WBIC): ONION RIVER (51200)

Swims Station ID: 10031961

Survey Sequence Number: 515087810

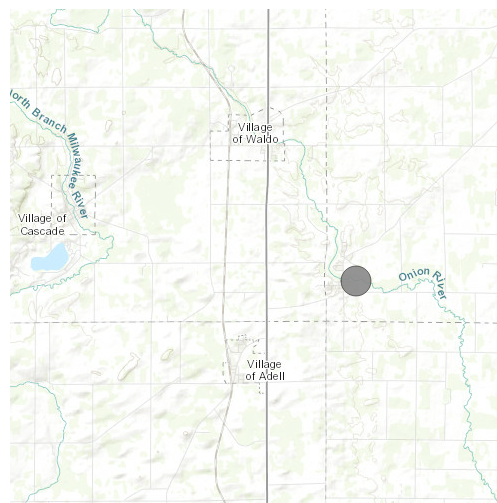
This NC Verification Report was run on Onion River - Downstream of CTHY I, (10031961), located in SHEBOYGAN County with fish Survey Sequence Number 515087810 sampled on August 23, 2018. The Natural Community for this station was verified by Craig Helker on August 3, 2020.

The Natural Community was modeled *Cold Transition Mainstem* and is now Verified as *Warm Transition Mainstem*.

## Fish captured

| Species                | Count |
|------------------------|-------|
| BLACK BULLHEAD         | 19    |
| BLACKSIDE DARTER       | 16    |
| BLUEGILL               | 5     |
| BLUNTNOSE MINNOW       | 121   |
| COMMON CARP            | 7     |
| COMMON SHINER          | 1354  |
| CREEK CHUB             | 306   |
| FATHEAD MINNOW         | 5     |
| GREEN SUNFISH          | 6     |
| HORNYHEAD CHUB         | 10    |
| JOHNNY DARTER          | 34    |
| LARGEMOUTH BASS        | 5     |
| LONGNOSE DACE          | 26    |
| PUMPKINSEED            | 30    |
| SAND SHINER            | 167   |
| STONECAT               | 13    |
| WESTERN BLACKNOSE DACE | 18    |
| WHITE SUCKER           | 411   |
| YELLOW BULLHEAD        | 11    |

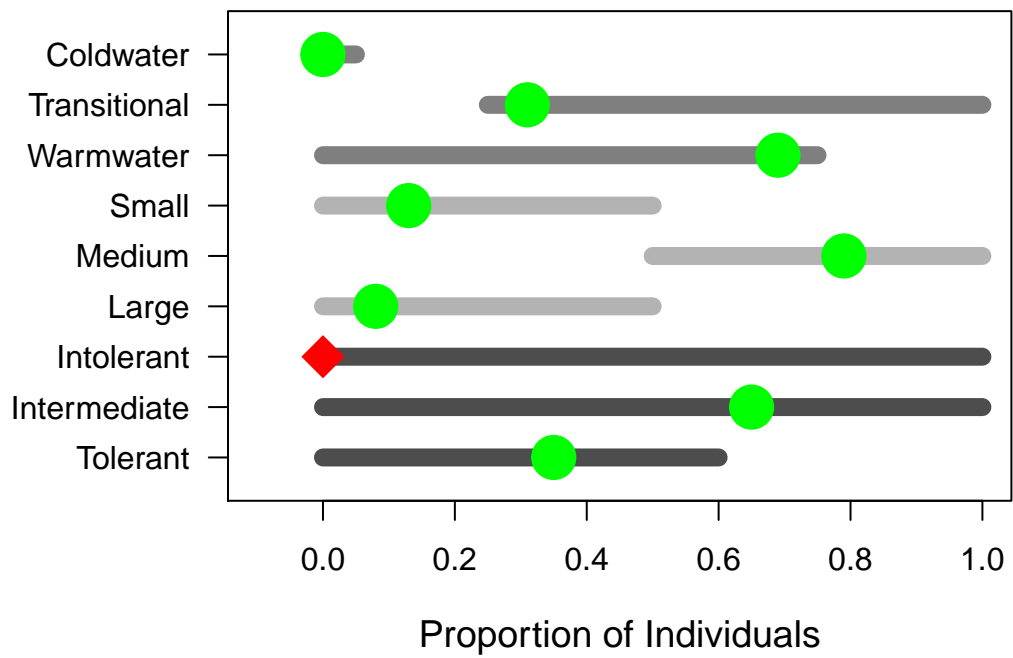
Survey location



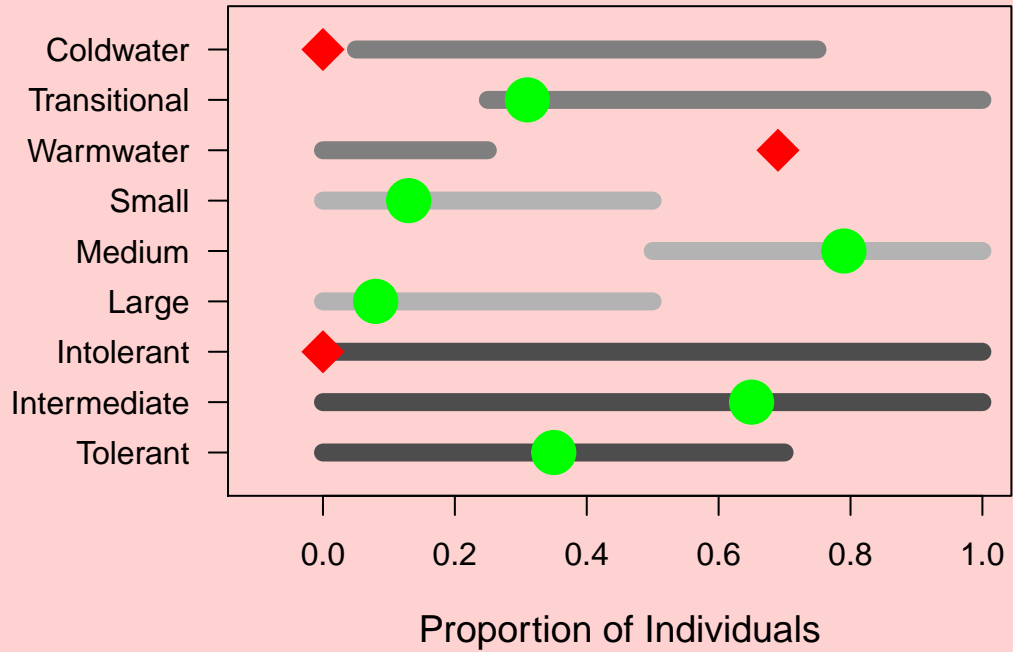
Guild percentages

| Thermal      | Percent.Indiv. | Size   | Percent.Indiv. | Tolerance    | Percent.Indiv. |
|--------------|----------------|--------|----------------|--------------|----------------|
| Coldwater    | 0              | Small  | 13             | Intolerant   | 0              |
| Transitional | 31             | Medium | 79             | Intermediate | 65             |
| Warmwater    | 69             | Large  | 8              | Tolerant     | 35             |

### Warm Transition Mainstem Guild Test



**The NC shown below was considered but NOT selected  
Cold Transition Mainstem**



**Comments from WR Biologist:**

The NC for this site is proposed to be changed to Warm Transition Mainstem. Sampling at this site in 2010 as well as 2018 suggests that the fish community that exists is reflective of a Cool-Warm Mainstem Community. The next site downstream has been confirmed as Cool-Warm Mainstem as well. Note that this site is downstream of the Hingham Dam. The warming effects of the dam have likely contributed to the NC present.