



Water: Cascade Impoundment Discharge county: Kent
Survey begin: 06/14/2006 end: 06/14/2006 T/R/S: 06N 10W 27
Survey type: Inland Stream Status: Completed
Primary purpose: General Survey
Note: Grand River Assessment

Select predator species (Walleye, Channel Catfish, and Bass) were aged.
Aging structures were collected for all other gamefish species observed, but were not aged at this time.

| Gear: No. used | Gear | Common name |
|-------------------|--------------|---------------------|
| 1 | Boom Shocker | Boom Shocker (Mich) |

| Species | Number | Percent by number | Weight (lb.) | Percent by weight | Length range (in.)* | Average length (in.) | Percent legal size** |
|----------------------------------------|------------|-------------------|--------------|-------------------|---------------------|----------------------|----------------------|
| Black crappie | 2 | 0.4 | 1.1 | 0.5 | 9-10 | | 100 |
| BOOMSHK effort 2300 Seconds 0.68 Miles | 2 | 0.4 | 1.1 | 0.5 | 9-10 | 10.0 | 100 |
| Bluegill | 178 | 39.9 | 19.1 | 8.8 | 1-7 | | 38 |
| BOOMSHK effort 2300 Seconds 0.68 Miles | 178 | 39.9 | 19.1 | 8.8 | 1-7 | 4.6 | 38 |
| Bluntnose minnow | 29 | 6.5 | 0.2 | 0.1 | 1-3 | | 100 |
| BOOMSHK effort 2300 Seconds 0.68 Miles | 29 | 6.5 | 0.2 | 0.1 | 1-3 | 2.3 | 100 |
| Bowfin | 2 | 0.4 | 9.9 | 4.5 | 22-25 | | 100 |
| BOOMSHK effort 2300 Seconds 0.68 Miles | 2 | 0.4 | 9.9 | 4.5 | 22-25 | 24.0 | 100 |
| Brook silverside | 2 | 0.4 | 0.0 | 0.0 | 4-4 | | 100 |
| BOOMSHK effort 2300 Seconds 0.68 Miles | 2 | 0.4 | 0.0 | 0.0 | 4-4 | 4.5 | 100 |
| Common carp | 27 | 6.1 | 0.0 | 0.0 | 20-26 | | 0 |
| BOOMSHK effort 2300 Seconds 0.68 Miles | 27 | 6.1 | 0.0 | 0.0 | 20-26 | | |
| Channel catfish | 1 | 0.2 | 1.3 | 0.6 | 16-16 | | 100 |
| BOOMSHK effort 2300 Seconds 0.68 Miles | 1 | 0.2 | 1.3 | 0.6 | 16-16 | 16.5 | 100 |
| Golden redborse | 68 | 15.2 | 52.6 | 24.2 | 3-16 | | 100 |
| BOOMSHK effort 2300 Seconds 0.68 Miles | 68 | 15.2 | 52.6 | 24.2 | 3-16 | 11.6 | 100 |
| Greater redborse | 7 | 1.6 | 10.8 | 5.0 | 13-19 | | 100 |
| BOOMSHK effort 2300 Seconds 0.68 Miles | 7 | 1.6 | 10.8 | 5.0 | 13-19 | 16.1 | 100 |
| Hybrid Sunfish Hybrid | 2 | 0.4 | 0.6 | 0.3 | 7-7 | | 100 |
| BOOMSHK effort 2300 Seconds 0.68 Miles | 2 | 0.4 | 0.6 | 0.3 | 7-7 | 7.5 | 100 |



Fish Collection System

Produced: March 30, 2007

| Species | Number | Percent by number | Weight (lb.) | Percent by weight | Length range (in.)* | Average length (in.) | Percent legal size** |
|----------------------------------------|------------|-------------------|--------------|-------------------|---------------------|----------------------|----------------------|
| Largemouth bass | 32 | 7.2 | 21.6 | 9.9 | 5-15 | | 9 |
| BOOMSHK effort 2300 Seconds 0.68 Miles | 32 | 7.2 | 21.6 | 9.9 | 5-15 | 10.3 | 9 |
| Longnose gar | 2 | 0.4 | 1.3 | 0.6 | 20-20 | | 100 |
| BOOMSHK effort 2300 Seconds 0.68 Miles | 2 | 0.4 | 1.3 | 0.6 | 20-20 | 20.5 | 100 |
| Logperch | 1 | 0.2 | 0.0 | 0.0 | 3-3 | | 100 |
| BOOMSHK effort 2300 Seconds 0.68 Miles | 1 | 0.2 | 0.0 | 0.0 | 3-3 | 3.5 | 100 |
| Mimic shiner | 7 | 1.6 | 0.0 | 0.0 | 1-2 | | 100 |
| BOOMSHK effort 2300 Seconds 0.68 Miles | 7 | 1.6 | 0.0 | 0.0 | 1-2 | 1.9 | 100 |
| Pumpkinseed | 2 | 0.4 | 0.6 | 0.3 | 6-7 | | 100 |
| BOOMSHK effort 2300 Seconds 0.68 Miles | 2 | 0.4 | 0.6 | 0.3 | 6-7 | 7.0 | 100 |
| Quillback | 9 | 2.0 | 20.0 | 9.2 | 8-20 | | 100 |
| BOOMSHK effort 2300 Seconds 0.68 Miles | 9 | 2.0 | 20.0 | 9.2 | 8-20 | 16.2 | 100 |
| Rock bass | 8 | 1.8 | 2.4 | 1.1 | 6-8 | | 100 |
| BOOMSHK effort 2300 Seconds 0.68 Miles | 8 | 1.8 | 2.4 | 1.1 | 6-8 | 7.4 | 100 |
| Silver redhorse | 16 | 3.6 | 33.5 | 15.4 | 15-21 | | 100 |
| BOOMSHK effort 2300 Seconds 0.68 Miles | 16 | 3.6 | 33.5 | 15.4 | 15-21 | 18.4 | 100 |
| Smallmouth bass | 45 | 10.1 | 33.9 | 15.5 | 3-14 | | 9 |
| BOOMSHK effort 2300 Seconds 0.68 Miles | 45 | 10.1 | 33.9 | 15.5 | 3-14 | 10.8 | 9 |
| Spottail shiner | 2 | 0.4 | 0.0 | 0.0 | 3-3 | | 100 |
| BOOMSHK effort 2300 Seconds 0.68 Miles | 2 | 0.4 | 0.0 | 0.0 | 3-3 | 3.5 | 100 |
| Walleye | 4 | 0.9 | 8.7 | 4.0 | 12-21 | | 75 |
| BOOMSHK effort 2300 Seconds 0.68 Miles | 4 | 0.9 | 8.7 | 4.0 | 12-21 | 18.3 | 75 |
| All species totals: | 446 | | 217.7 | | | | |

* Note some fish may be measured to 0.1 inch, others to inch group: e.g., "5" = 5.0 to 5.9 inches; "12" = 12.0 to 12.9 inches; etc.

** Percent legal or acceptable size for angling.