

Survey Report for Two Mile and Bryan Creek - Summer, 2013

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| Waterbody | Two Mile and Bryan Creek |
| Year | Summer, 2013 |
| Sites | Bryan and Two Mile Creeks |
| Survey period | April 27 to September 30 |
| Survey design | Roving - Access |
| Interview type/mode | Access/shore |
| Count type/mode | Roving |
| Clerk time | Full time |
| Survey purpose | Characterize general effort and catch aspects of the fishery |

Notes

Survey followed a roving-access design. All funding was provided through Fisheries Division. One clerk worked full time to collect angling (interview and count) data. Both weekend days and 3 randomly selected weekdays were selected for sampling during each week of the survey season. No holidays were sampled. Clerk followed a randomized count and interview schedule. One of two shifts was selected each sample day. Two Mile and Bryan Creeks were divided into 2 sections. Each section was sampled per day. Starting location within a section and direction of travel were randomized for both counting and interviewing. Two counts of shore anglers were made once per day. Survey period for both counts and interviews was April 27 to September 30. Months were estimated separately. Estimates are given in the following tables.

Table –Work shifts used to estimate catch and effort at Two Mile and Bryan Creek, April 27 to September 30, Summer, 2013

| Month | Year | Month | Hrs/Day |
|-------|------|-------|---------|
| 1 | 2013 | 4 | 14 |
| 2 | 2013 | 5 | 15 |
| 3 | 2013 | 6 | 16 |
| 4 | 2013 | 7 | 16 |
| 5 | 2013 | 8 | 15 |
| 6 | 2013 | 9 | 14 |

Estimated harvest, catch per hour, and fishing pressure for Bryan Creek_shore fishing. Two standard errors are given in parentheses.

| Species | C/H | April | May | June | July | August | Sept | Season |
|-----------------------|----------------------------|------------------|------------------|----------------------|----------------------|----------------------|--------------------|----------------------|
| HARVEST | | | | | | | | |
| Brown trout | 0.0008 (0.0020) | 0 (0) | 0 (0) | 0 (0) | 0 (0) | 0 (0) | 1 (2) | 1 (2) |
| Brook trout | 0.3990 (0.3178) | 0 (0) | 1 (2) | 89 (102) | 61 (63) | 202 (201) | 9 (10) | 361 (234) |
| TOTAL HARVEST | 0.3999 (0.3180) | 0 (0) | 1 (2) | 89 (102) | 61 (63) | 202 (201) | 9 (10) | 362 (234) |
| RELEASED | | | | | | | | |
| Yellow Perch | 0.1995 (0.4165) | 0 (0) | 0 (0) | 0 (0) | 0 (0) | 180 (367) | 1 (1) | 181 (367) |
| Brown trout | 0.0031 (0.0075) | 0 (0) | 0 (0) | 0 (0) | 3 (7) | 0 (0) | 0 (0) | 3 (7) |
| Brook trout | 0.4992 (0.4031) | 0 (0) | 1 (3) | 98 (141) | 135 (148) | 213 (217) | 4 (8) | 452 (299) |
| TOTAL RELEASED | 0.7018 (0.6163) | 0 (0) | 1 (3) | 98 (141) | 138 (148) | 393 (427) | 5 (8) | 635 (473) |
| TOTAL CATCH | 1.1016 (0.7757) | 0 (0) | 2 (3) | 187 (174) | 199 (161) | 595 (472) | 14 (13) | 997 (528) |
| ANGLER HOURS | | 7 (14) | 124 (146) | 107 (116) | 352 (324) | 199 (154) | 117 (111) | 905 (420) |
| ANGLER TRIPS | | 0 (2) | 1 (2) | 78 (97) | 23 (30) | 95 (96) | 4 (5) | 202 (140) |

Estimated harvest, catch per hour, and fishing pressure for Two-Mile Creek_shore fishing. Two standard errors are given in parentheses.

| Species | C/H | April | May | June | July | August | Sept | Season |
|-----------------------|----------------------------|------------------|------------------|--------------------|--------------------|---------------------|------------------|----------------------|
| HARVEST | | | | | | | | |
| Brown trout | 0 (0) | 0 (0) | 0 (0) | 0 (0) | 0 (0) | 0 (0) | 0 (0) | 0 (0) |
| Brook trout | 0.3093 (0.4212) | 0 (0) | 0 (0) | 5 (13) | 4 (7) | 25 (34) | 0 (0) | 33 (38) |
| TOTAL HARVEST | 0.3093 (0.4212) | 0 (0) | 0 (0) | 5 (13) | 4 (7) | 25 (34) | 0 (0) | 33 (38) |
| RELEASED | | | | | | | | |
| Yellow Perch | 0 (0) | 0 (0) | 0 (0) | 0 (0) | 0 (0) | 0 (0) | 0 (0) | 0 (0) |
| Brown trout | 0 (0) | 0 (0) | 0 (0) | 0 (0) | 0 (0) | 0 (0) | 0 (0) | 0 (0) |
| Brook trout | 0.8178 (1.1887) | 0 (0) | 0 (0) | 16 (22) | 8 (14) | 64 (106) | 0 (0) | 88 (109) |
| TOTAL RELEASED | 0.8178 (1.1887) | 0 (0) | 0 (0) | 16 (22) | 8 (14) | 64 (106) | 0 (0) | 88 (109) |
| TOTAL CATCH | 1.1271 (1.3747) | 0 (0) | 0 (0) | 21 (26) | 12 (15) | 89 (111) | 0 (0) | 122 (115) |
| ANGLER HOURS | | 0 (0) | 0 (0) | 29 (40) | 62 (69) | 17 (23) | 0 (0) | 108 (83) |
| ANGLER TRIPS | | 0 (0) | 0 (0) | 17 (23) | 27 (38) | 11 (19) | 0 (0) | 55 (48) |

Estimated harvest, catch per hour, and fishing pressure for Two-Mile and Bryan Creeks combined. Two standard errors are given in parentheses.

| Species | C/H | April | May | June | July | August | Sept | Season |
|----------------|--------------------|-----------|--------------|--------------|--------------|--------------|--------------|----------------|
| HARVEST | | | | | | | | |
| Brown trout | 0.0008 (0.0018) | 0 (0) | 0 (0) | 0 (0) | 0 (0) | 0 (0) | 1 (2) | 1 (2) |
| Brook trout | 0.3895 (0.2858) | 0 (0) | 1 (2) | 94 (103) | 64 (63) | 227 (204) | 9 (10) | 394 (237) |
| TOTAL HARVEST | 0.3902 (0.2860) | 0 (0) | 1 (2) | 94 (103) | 64 (63) | 227 (204) | 9 (10) | 395 (237) |
| RELEASED | | | | | | | | |
| Yellow Perch | 0.1782 (0.3705) | 0 (0) | 0 (0) | 0 (0) | 0 (0) | 180 (367) | 1 (1) | 181 (367) |
| Brown trout | 0.0027 (0.0067) | 0 (0) | 0 (0) | 0 (0) | 3 (7) | 0 (0) | 0 (0) | 3 (7) |
| Brook trout | 0.5332 (0.3863) | 0 (0) | 1 (3) | 114 (143) | 143 (149) | 278 (242) | 4 (8) | 540 (318) |
| TOTAL RELEASED | 0.7141 (0.5667) | 0 (0) | 1 (3) | 114 (143) | 146 (149) | 458 (440) | 5 (8) | 723 (486) |
| TOTAL CATCH | 1.1044 (0.7088) | 0 (0) | 2 (3) | 208 (176) | 210 (161) | 684 (485) | 14 (13) | 1,118 (540) |
| ANGLER HOURS | | 7 (14) | 124 (146) | 136 (122) | 414 (331) | 216 (156) | 117 (111) | 1,013 (428) |
| ANGLER TRIPS | | 0 (2) | 1 (2) | 94 (100) | 50 (48) | 107 (98) | 4 (5) | 256 (148) |