

OPENWATER AND ICE CREEL 2019-2020

CREEL SURVEY SYNOPSIS

MWBC: 2900200
LAKE: Lake Owen
COUNTY: Bayfield
ACRES: 1,323

PROJECTED PRESSURE: 20,429 HOURS

HOURS/ACRE: 15.4

| Species | Directed Effort (Hours) | (%) | Catch | Specific Catch Rate (Fish/Hour) | Harvest | Specific Harvest Rate (Fish/Hour) | Mean Length (inches) |
|-----------------|-------------------------|-------|-------|---------------------------------|---------|-----------------------------------|----------------------|
| Walleye | 2,675 | 8.2% | 106 | 0.0363 | 41 | 0.0153 | 20.7 |
| Northern Pike | 3,664 | 11.3% | 3,318 | 0.4203 | 489 | 0.0934 | 22.1 |
| Largemouth Bass | 7,776 | 23.9% | 2,009 | 0.2001 | 71 | 0.0073 | 15.2 |
| Smallmouth Bass | 13,694 | 42.1% | 7,897 | 0.5477 | 11 | 0.0005 | 17.5 |
| Bluegill | 2,910 | 8.9% | 7,338 | 2.3640 | 992 | 0.3408 | 7.9 |
| Pumpkinseed | * | 0.0% | 24 | * | 24 | * | 7.2 |
| Black Crappie | 1,409 | 4.3% | 711 | 0.4277 | 271 | 0.1831 | 11.3 |
| Yellow Perch | 242 | 0.7% | 1,730 | 1.0306 | 16 | 0.0660 | 8.0 |
| Rock Bass | 159 | 0.5% | 2,043 | 0.5298 | 244 | 0.2620 | 8.6 |

Table 2

Estimated Effort Detailed Report

Lake Owen
4-May-2019 To 1-Mar-2020

| Site | Season | Month | Day Type | Days Sampled | Total Counts | Boat/Ice Shanty Angler Hours | St Dev Boat/Ice Shanty Angler Hours | Shore/Open-Ice Angler Hours | St Dev Shore/Open-Ice Angler Hours | Total Angler Hours | St Dev Total Angler Hours | |
|------|--------|-----------|----------|--------------|--------------|------------------------------|-------------------------------------|-----------------------------|------------------------------------|--------------------|---------------------------|--------|
| 1 | Summer | May | Weekday | 11 | 22 | 870.11 | 278.22 | 0.00 | 0.00 | 870.11 | 278.22 | |
| | | | Weekend | 9 | 18 | 1,433.75 | 235.20 | 54.25 | 17.33 | 1,488.00 | 235.83 | |
| | | | Total | 20 | 40 | 2,303.86 | 364.31 | 54.25 | 17.33 | 2,358.11 | 364.73 | |
| | | June | Weekday | 12 | 24 | 3,320.00 | 413.04 | 53.33 | 31.65 | 3,373.33 | 414.25 | |
| | | | Weekend | 10 | 20 | 1,920.00 | 295.03 | 104.00 | 26.53 | 2,024.00 | 296.22 | |
| | | | Total | 22 | 44 | 5,240.00 | 507.58 | 157.33 | 41.30 | 5,397.33 | 509.26 | |
| | | July | Weekday | 14 | 28 | 2,941.71 | 422.97 | 100.57 | 48.13 | 3,042.29 | 425.70 | |
| | | | Weekend | 9 | 18 | 1,536.00 | 179.96 | 24.00 | 13.86 | 1,560.00 | 180.49 | |
| | | | Total | 23 | 46 | 4,477.71 | 459.66 | 124.57 | 50.08 | 4,602.29 | 462.38 | |
| | | August | Weekday | 12 | 24 | 2,614.33 | 370.88 | 99.46 | 52.39 | 2,713.79 | 374.56 | |
| | | | Weekend | 9 | 18 | 1,689.50 | 182.41 | 69.75 | 7.75 | 1,759.25 | 182.58 | |
| | | | Total | 21 | 42 | 4,303.83 | 413.31 | 169.21 | 52.96 | 4,473.04 | 416.69 | |
| | | September | Weekday | 12 | 24 | 1,226.25 | 244.65 | 0.00 | 0.00 | 1,226.25 | 244.65 | |
| | | | Weekend | 10 | 20 | 1,154.25 | 95.70 | 27.00 | 16.53 | 1,181.25 | 97.12 | |
| | | | Total | 22 | 44 | 2,380.50 | 262.70 | 27.00 | 16.53 | 2,407.50 | 263.22 | |
| | | October | Weekday | 8 | 16 | 347.16 | 197.18 | 0.00 | 0.00 | 347.16 | 197.18 | |
| | | | Weekend | 8 | 16 | 109.25 | 25.06 | 0.00 | 0.00 | 109.25 | 25.06 | |
| | | | Total | 16 | 32 | 456.41 | 198.76 | 0.00 | 0.00 | 456.41 | 198.76 | |
| | | Total | Weekday | 69 | 138 | 11,319.57 | 814.36 | 253.36 | 77.87 | 11,572.93 | 818.08 | |
| | | | Weekend | 55 | 110 | 7,842.75 | 466.69 | 279.00 | 39.11 | 8,121.75 | 468.33 | |
| | | | Total | 124 | 248 | 19,162.32 | 938.61 | 532.36 | 87.14 | 19,694.68 | 942.65 | |
| | Winter | December | Weekday | 9 | 18 | 0.00 | 0.00 | * | * | 0.00 | 0.00 | |
| | | | Weekend | 8 | 16 | 11.25 | 11.25 | * | * | 11.25 | 11.25 | |
| | | | Total | 17 | 34 | 11.25 | 11.25 | * | * | 11.25 | 11.25 | |
| | | January | Weekday | 8 | 16 | 55.00 | 41.58 | * | * | 55.00 | 41.58 | |
| | | | Weekend | 9 | 18 | 130.00 | 50.00 | * | * | 130.00 | 50.00 | |
| | | | Total | 17 | 34 | 185.00 | 65.03 | * | * | 185.00 | 65.03 | |
| | | February | Weekday | 8 | 16 | 129.38 | 85.39 | * | * | 129.38 | 85.39 | |
| | | | Weekend | 9 | 18 | 356.50 | 78.31 | * | * | 356.50 | 78.31 | |
| | | | Total | 17 | 34 | 485.88 | 115.86 | * | * | 485.88 | 115.86 | |
| | | March | Weekend | 1 | 2 | 51.75 | * | * | * | 51.75 | 0.00 | |
| | | | Total | 1 | 2 | 51.75 | * | * | * | 51.75 | 0.00 | |
| | | Total | Weekday | 25 | 50 | 184.38 | 94.97 | * | * | 184.38 | 94.97 | |
| | | | Weekend | 27 | 54 | 549.50 | 93.59 | * | * | 549.50 | 93.59 | |
| | | | Total | 52 | 104 | 733.88 | 133.34 | * | * | 733.88 | 133.34 | |
| | | Total | Total | Weekday | 94 | 188 | 11,503.94 | 819.88 | 253.36 | 77.87 | 11,757.31 | 823.57 |
| | | | | Weekend | 82 | 164 | 8,392.25 | 475.99 | 279.00 | 39.11 | 8,671.25 | 477.59 |
| | | | | Total | 176 | 352 | 19,896.19 | 948.04 | 532.36 | 87.14 | 20,428.56 | 952.03 |

Table 3

Projected Catch and Harvest

Lake Owen
4-May-2019 To 1-Mar-2020

| Species | Month | Catch | St Dev Catch | Harvest | St Dev Harvest |
|---------------|-----------------|-------|-----------------|---------|-------------------|
| Black Crappie | May | 18 | 18.59 | 0 | * |
| | June | 371 | 170.84 | 138 | 73.92 |
| | July | 161 | 88.89 | 114 | 77.77 |
| | August | 72 | 50.68 | 7 | 6.79 |
| | September | 47 | 36.94 | 13 | 13.01 |
| | October | 38 | 40.20 | 0 | * |
| | December | 5 | 4.50 | 0 | * |
| | January | 0 | * | 0 | * |
| | February | 0 | * | 0 | * |
| | March | 0 | * | 0 | * |
| | Summer | 706 | 207.32 | 271 | 108.29 |
| | Winter | 5 | 4.50 | 0 | * |
| | Total | 711 | 207.37 | 271 | 108.29 |
| Bluegill | May | 0 | * | 0 | * |
| | June | 608 | 355.26 | 149 | 117.61 |
| | July | 3,093 | 778.08 | 316 | 131.74 |
| | August | 3,037 | 1,010.58 | 393 | 289.69 |
| | September | 598 | 327.04 | 132 | 95.99 |
| | October | 0 | * | 0 | * |
| | December | 0 | * | 0 | * |
| | January | 2 | 1.91 | 2 | 1.91 |
| | February | 0 | * | 0 | * |
| | March | 1 | 1.01 | 0 | * |
| | Summer | 7,335 | 1,363.76 | 990 | 352.59 |
| | Winter | 3 | 2.16 | 2 | 1.91 |
| | Total | 7,338 | 1,363.77 | 992 | 352.59 |
| | Largemouth Bass | May | 285 | 97.19 | 28 |
| June | | 970 | 273.05 | 26 | 27.03 |
| July | | 176 | 77.67 | 10 | 9.77 |
| August | | 436 | 143.52 | 0 | * |
| September | | 129 | 64.20 | 0 | * |
| October | | 10 | 7.19 | 5 | 4.62 |
| December | | 2 | 1.50 | 0 | * |
| January | | 0 | * | 0 | * |
| February | | 1 | 1.07 | 1 | 1.07 |
| March | | 0 | * | 0 | * |
| Summer | | 2,006 | 338.83 | 69 | 36.59 |
| Winter | | 3 | 1.84 | 1 | 1.07 |
| Total | | 2,009 | 338.84 | 71 | 36.61 |
| Northern Pike | May | 591 | 206.88 | 114 | 85.57 |
| | June | 672 | 153.21 | 117 | 60.97 |
| | July | 524 | 116.90 | 57 | 35.97 |
| | August | 688 | 152.65 | 33 | 33.17 |
| | September | 623 | 225.57 | 89 | 62.08 |
| | October | 47 | 29.86 | 0 | * |
| | December | 2 | 2.25 | 0 | * |
| | January | 20 | 10.43 | 11 | 8.38 |
| | February | 141 | 47.74 | 68 | 35.28 |
| | March | 10 | 7.04 | 1 | 0.90 |
| | Summer | 3,145 | 393.71 | 410 | 131.48 |
| | Winter | 173 | 49.42 | 79 | 36.27 |
| | Total | 3,318 | 396.80 | 489 | 136.39 |
| Pumpkinseed | May | 0 | * | 0 | * |
| | June | 13 | 13.51 | 13 | 13.51 |
| | July | 10 | 10.20 | 10 | 10.20 |
| | August | 0 | * | 0 | * |
| | September | 0 | * | 0 | * |
| | October | 0 | * | 0 | * |
| | December | 0 | * | 0 | * |
| | January | 0 | * | 0 | * |
| | February | 0 | * | 0 | * |
| | March | 0 | * | 0 | * |
| | Summer | 24 | 16.93 | 24 | 16.93 |
| | Winter | 0 | * | 0 | * |
| | Total | 24 | 16.93 | 24 | 16.93 |

Table 3

Projected Catch and Harvest

Lake Owen
4-May-2019 To 1-Mar-2020

| Species | Month | Catch | St Dev Catch | Harvest | St Dev Harvest |
|-----------------|-----------|-------|-----------------|---------|-------------------|
| Rock Bass | May | 9 | 10.37 | 0 | * |
| | June | 1,051 | 315.17 | 40 | 40.54 |
| | July | 748 | 232.16 | 176 | 87.94 |
| | August | 185 | 76.41 | 22 | 15.62 |
| | September | 50 | 29.65 | 6 | 6.50 |
| | October | 0 | * | 0 | * |
| | December | 0 | * | 0 | * |
| | January | 0 | * | 0 | * |
| | February | 0 | * | 0 | * |
| | March | 0 | * | 0 | * |
| | Summer | 2,043 | 400.07 | 244 | 98.30 |
| | Winter | 0 | * | 0 | * |
| | Total | 2,043 | 400.07 | 244 | 98.30 |
| Smallmouth Bass | May | 1,064 | 365.87 | 0 | * |
| | June | 3,339 | 630.52 | 0 | * |
| | July | 959 | 281.47 | 0 | * |
| | August | 1,293 | 257.52 | 7 | 6.76 |
| | September | 861 | 217.06 | 0 | * |
| | October | 314 | 138.97 | 0 | * |
| | December | 0 | * | 0 | * |
| | January | 7 | 4.45 | 4 | 3.22 |
| | February | 59 | 67.69 | 0 | * |
| | March | 1 | 0.90 | 1 | 0.90 |
| | Summer | 7,830 | 862.20 | 7 | 6.76 |
| | Winter | 67 | 67.84 | 4 | 3.35 |
| | Total | 7,897 | 864.86 | 11 | 7.55 |
| Walleye | May | 18 | 12.94 | 9 | 8.78 |
| | June | 13 | 13.14 | 0 | * |
| | July | 47 | 25.88 | 21 | 15.08 |
| | August | 20 | 20.65 | 7 | 6.88 |
| | September | 0 | * | 0 | * |
| | October | 5 | 4.97 | 5 | 4.97 |
| | December | 0 | * | 0 | * |
| | January | 4 | 3.22 | 0 | * |
| | February | 0 | * | 0 | * |
| | March | 0 | * | 0 | * |
| | Summer | 102 | 38.22 | 41 | 19.40 |
| | Winter | 4 | 3.22 | 0 | * |
| | Total | 106 | 38.36 | 41 | 19.40 |
| Yellow Perch | May | 0 | * | 0 | * |
| | June | 132 | 132.74 | 13 | 13.27 |
| | July | 472 | 167.91 | 0 | * |
| | August | 653 | 232.51 | 0 | * |
| | September | 341 | 354.00 | 0 | * |
| | October | 14 | 14.88 | 0 | * |
| | December | 0 | * | 0 | * |
| | January | 0 | * | 0 | * |
| | February | 99 | 71.05 | 0 | * |
| | March | 18 | 12.41 | 3 | 2.71 |
| | Summer | 1,613 | 474.78 | 13 | 13.27 |
| | Winter | 117 | 72.12 | 3 | 2.71 |
| | Total | 1,730 | 480.22 | 16 | 13.55 |

Table 4

Catch Rate, Harvest Rate, and Targeted Effort Summary

Lake Owen
4-May-2019 To 1-Mar-2020

| Species | Month | General Catch/Hr | General Hrs/Catch | Specific Catch/Hr | Specific Hrs/Catch | General Harvest/Hr | General Hrs/Harv | Specific Harvest/Hr | Specific Hrs/Harv | Specific Effort | |
|-----------------|---------------|------------------|-------------------|-------------------|--------------------|--------------------|------------------|---------------------|-------------------|-----------------|-------|
| Black Crappie | May | 0.01 | 134.44 | 0.1658 | 6.03 | 0.00 | * | 0.0000 | * | 106 | |
| | June | 0.07 | 14.54 | 1.4437 | 0.69 | 0.03 | 39.11 | 0.5226 | 1.91 | 239 | |
| | July | 0.03 | 28.66 | 0.3977 | 2.51 | 0.02 | 40.39 | 0.2822 | 3.54 | 404 | |
| | August | 0.02 | 61.99 | 0.0896 | 11.16 | 0.00 | 665.95 | 0.0211 | 47.39 | 318 | |
| | September | 0.02 | 51.52 | 0.1464 | 6.83 | 0.01 | 191.24 | 0.0394 | 25.36 | 319 | |
| | October | 0.11 | 9.07 | * | * | 0.00 | * | * | * | * | |
| | December | 0.40 | 2.50 | 0.8571 | 1.17 | 0.00 | * | 0.0000 | * | 5 | |
| | January | 0.00 | * | 0.0000 | * | 0.00 | * | 0.0000 | * | 5 | |
| | February | 0.00 | * | 0.0000 | * | 0.00 | * | 0.0000 | * | 12 | |
| | Summer | 0.04 | 27.72 | 0.4316 | 2.32 | 0.01 | 72.20 | 0.1862 | 5.37 | 1,386 | |
| | Winter | 0.01 | 110.61 | 0.1956 | 5.11 | 0.00 | * | 0.0000 | * | 23 | |
| | Total | 0.04 | 28.25 | 0.4277 | 2.34 | 0.01 | 74.04 | 0.1831 | 5.46 | 1,409 | |
| | Bluegill | May | 0.00 | * | 0.0000 | * | 0.00 | * | 0.0000 | * | 33 |
| June | | 0.11 | 8.88 | 2.6186 | 0.38 | 0.03 | 36.28 | 0.7528 | 1.33 | 198 | |
| July | | 0.67 | 1.49 | 2.2610 | 0.44 | 0.07 | 14.54 | 0.2424 | 4.13 | 1,306 | |
| August | | 0.68 | 1.47 | 2.7999 | 0.36 | 0.09 | 11.39 | 0.3897 | 2.57 | 1,008 | |
| September | | 0.25 | 4.03 | 1.8094 | 0.55 | 0.05 | 18.21 | 0.4087 | 2.45 | 323 | |
| October | | 0.00 | * | 0.0000 | * | 0.00 | * | 0.0000 | * | 17 | |
| January | | 0.01 | 73.00 | 0.2994 | 3.34 | 0.01 | 73.00 | 0.2994 | 3.34 | 6 | |
| February | | 0.00 | * | 0.0000 | * | 0.00 | * | 0.0000 | * | 12 | |
| March | | 0.02 | 56.25 | 0.1250 | 8.00 | 0.00 | * | 0.0000 | * | 7 | |
| Summer | | 0.41 | 2.47 | 2.3841 | 0.42 | 0.05 | 18.28 | 0.3433 | 2.91 | 2,884 | |
| Winter | | 0.01 | 199.29 | 0.1051 | 9.51 | 0.00 | 302.25 | 0.0693 | 14.43 | 26 | |
| Total | | 0.39 | 2.54 | 2.3640 | 0.42 | 0.05 | 18.79 | 0.3408 | 2.93 | 2,910 | |
| Largemouth Bass | | May | 0.12 | 8.28 | 0.1970 | 5.08 | 0.01 | 85.17 | 0.0140 | 71.58 | 1,354 |
| | June | 0.18 | 5.56 | 0.3913 | 2.56 | 0.00 | 204.33 | 0.0119 | 84.35 | 2,228 | |
| | July | 0.04 | 26.08 | 0.0865 | 11.57 | 0.00 | 440.93 | 0.0062 | 161.17 | 1,682 | |
| | August | 0.10 | 10.27 | 0.1012 | 9.88 | 0.00 | * | 0.0000 | * | 1,525 | |
| | September | 0.05 | 18.60 | 0.1326 | 7.54 | 0.00 | * | 0.0000 | * | 881 | |
| | October | 0.03 | 36.29 | 0.0000 | * | 0.01 | 72.58 | 0.0000 | * | 34 | |
| | December | 0.13 | 7.50 | * | * | 0.00 | * | * | * | * | |
| | February | 0.00 | 287.25 | 0.0175 | 57.25 | 0.00 | 287.25 | 0.0175 | 57.25 | 71 | |
| | Summer | 0.10 | 9.76 | 0.2018 | 4.95 | 0.00 | 282.53 | 0.0072 | 138.16 | 7,705 | |
| | Winter | 0.01 | 134.16 | 0.0175 | 57.25 | 0.00 | 296.31 | 0.0175 | 57.25 | 71 | |
| | Total | 0.10 | 9.93 | 0.2001 | 5.00 | 0.00 | 282.78 | 0.0073 | 136.40 | 7,776 | |
| | Northern Pike | May | 0.25 | 3.99 | 0.3418 | 2.93 | 0.05 | 20.68 | 0.0540 | 18.53 | 487 |
| | | June | 0.12 | 8.03 | 0.3975 | 2.52 | 0.02 | 46.14 | 0.1378 | 7.26 | 732 |
| July | | 0.11 | 8.79 | 0.4297 | 2.33 | 0.01 | 80.66 | 0.0595 | 16.81 | 785 | |
| August | | 0.15 | 6.51 | 0.4260 | 2.35 | 0.01 | 136.71 | 0.0000 | * | 686 | |
| September | | 0.26 | 3.87 | 1.0443 | 0.96 | 0.04 | 27.06 | 0.3589 | 2.79 | 248 | |
| October | | 0.10 | 9.64 | 0.1807 | 5.53 | 0.00 | * | 0.0000 | * | 118 | |
| December | | 0.20 | 5.00 | 0.3750 | 2.67 | 0.00 | * | 0.0000 | * | 6 | |
| January | | 0.11 | 9.44 | 0.1312 | 7.62 | 0.06 | 17.31 | 0.0716 | 13.98 | 149 | |
| February | | 0.29 | 3.44 | 0.3411 | 2.93 | 0.14 | 7.18 | 0.1637 | 6.11 | 413 | |
| March | | 0.20 | 5.11 | 0.2543 | 3.93 | 0.02 | 56.25 | 0.0231 | 43.25 | 40 | |
| Summer | | 0.16 | 6.26 | 0.4474 | 2.24 | 0.02 | 48.07 | 0.0860 | 11.63 | 3,056 | |
| Winter | | 0.24 | 4.24 | 0.2843 | 3.52 | 0.11 | 9.26 | 0.1303 | 7.68 | 609 | |
| Total | | 0.16 | 6.16 | 0.4203 | 2.38 | 0.02 | 41.77 | 0.0934 | 10.71 | 3,664 | |
| Pumpkinseed | June | 0.00 | 255.42 | * | * | 0.00 | 255.42 | * | * | * | |
| | July | 0.00 | 293.92 | * | * | 0.00 | 293.92 | * | * | * | |
| | Summer | 0.00 | 272.33 | * | * | 0.00 | 272.33 | * | * | * | |
| | Total | 0.00 | 272.33 | * | * | 0.00 | 272.33 | * | * | * | |
| Rock Bass | May | 0.01 | 92.00 | * | * | 0.00 | * | * | * | * | |
| | June | 0.19 | 5.14 | * | * | 0.01 | 136.22 | * | * | * | |
| | July | 0.16 | 6.16 | 0.4324 | 2.31 | 0.04 | 26.10 | 0.2883 | 3.47 | 145 | |
| | August | 0.04 | 24.23 | 1.5000 | 0.67 | 0.00 | 205.07 | 0.0000 | * | 15 | |
| | September | 0.04 | 23.46 | * | * | 0.01 | 187.67 | * | * | * | |
| | Summer | 0.12 | 8.09 | 0.5298 | 1.89 | 0.01 | 67.71 | 0.2620 | 3.82 | 159 | |
| | Total | 0.12 | 8.09 | 0.5298 | 1.89 | 0.01 | 67.71 | 0.2620 | 3.82 | 159 | |
| Smallmouth Bass | May | 0.45 | 2.22 | 0.5644 | 1.77 | 0.00 | * | 0.0000 | * | 1,787 | |
| | June | 0.62 | 1.62 | 0.7233 | 1.38 | 0.00 | * | 0.0000 | * | 4,556 | |
| | July | 0.21 | 4.80 | 0.3983 | 2.51 | 0.00 | * | 0.0000 | * | 2,304 | |
| | August | 0.29 | 3.46 | 0.4120 | 2.43 | 0.00 | 665.95 | 0.0024 | 411.27 | 2,762 | |
| | September | 0.36 | 2.80 | 0.4464 | 2.24 | 0.00 | * | 0.0000 | * | 1,887 | |
| | October | 0.69 | 1.45 | 0.7492 | 1.33 | 0.00 | * | 0.0000 | * | 398 | |
| | January | 0.05 | 18.25 | * | * | 0.03 | 36.50 | * | * | * | |
| | February | 0.12 | 8.22 | * | * | 0.00 | * | * | * | * | |
| | March | 0.02 | 56.25 | * | * | 0.02 | 56.25 | * | * | * | |
| | Summer | 0.40 | 2.52 | 0.5477 | 1.83 | 0.00 | 2932.14 | 0.0005 | 2038.71 | 13,694 | |
| | Winter | 0.10 | 9.94 | * | * | 0.01 | 148.97 | * | * | * | |
| | Total | 0.39 | 2.58 | 0.5477 | 1.83 | 0.00 | 1818.31 | 0.0005 | 2038.71 | 13,694 | |

Table 4

Catch Rate, Harvest Rate, and Targeted Effort Summary

Lake Owen
4-May-2019 To 1-Mar-2020

| Species | Month | General Catch/Hr | General Hrs/Catch | Specific Catch/Hr | Specific Hrs/Catch | General Harvest/Hr | General Hrs/Harv | Specific Harvest/Hr | Specific Hrs/Harv | Specific Effort |
|-----------|--------------|------------------|-------------------|-------------------|--------------------|--------------------|------------------|---------------------|-------------------|-----------------|
| Walleye | May | 0.01 | 134.44 | 0.0226 | 44.28 | 0.00 | 268.88 | 0.0226 | 44.28 | 388 |
| | June | 0.00 | 408.67 | 0.0300 | 33.31 | 0.00 | * | 0.0000 | * | 440 |
| | July | 0.01 | 98.71 | 0.0743 | 13.46 | 0.00 | 222.31 | 0.0330 | 30.32 | 628 |
| | August | 0.00 | 221.98 | 0.0288 | 34.69 | 0.00 | 665.95 | 0.0096 | 104.08 | 699 |
| | September | 0.00 | * | 0.0000 | * | 0.00 | * | 0.0000 | * | 123 |
| | October | 0.01 | 95.43 | 0.0299 | 33.40 | 0.01 | 95.43 | 0.0299 | 33.40 | 160 |
| | December | 0.00 | * | 0.0000 | * | 0.00 | * | 0.0000 | * | 6 |
| | January | 0.02 | 51.94 | 0.0487 | 20.52 | 0.00 | * | 0.0000 | * | 73 |
| | February | 0.00 | * | 0.0000 | * | 0.00 | * | 0.0000 | * | 158 |
| | Summer | 0.01 | 192.51 | 0.0384 | 26.06 | 0.00 | 480.69 | 0.0168 | 59.50 | 2,438 |
| | Winter | 0.01 | 191.52 | 0.0150 | 66.63 | 0.00 | * | 0.0000 | * | 237 |
| | Total | 0.01 | 192.48 | 0.0363 | 27.55 | 0.00 | 497.34 | 0.0153 | 65.29 | 2,675 |
| | Yellow Perch | June | 0.04 | 25.54 | 1.9512 | 0.51 | 0.00 | 255.42 | 0.1951 | 5.13 |
| July | | 0.10 | 9.75 | * | * | 0.00 | * | * | * | * |
| August | | 0.15 | 6.85 | * | * | 0.00 | * | * | * | * |
| September | | 0.28 | 3.59 | * | * | 0.00 | * | * | * | * |
| October | | 0.04 | 24.19 | * | * | 0.00 | * | * | * | * |
| January | | 0.00 | * | 0.0000 | * | 0.00 | * | 0.0000 | * | 31 |
| February | | 0.20 | 4.92 | 0.8313 | 1.20 | 0.00 | * | 0.0000 | * | 119 |
| March | | 0.36 | 2.81 | 0.7619 | 1.31 | 0.05 | 18.75 | 0.1143 | 8.75 | 24 |
| Summer | | 0.12 | 8.69 | 1.9512 | 0.51 | 0.00 | 1061.70 | 0.1951 | 5.13 | 68 |
| Winter | | 0.16 | 6.16 | 0.6729 | 1.49 | 0.00 | 261.82 | 0.0158 | 63.13 | 174 |
| Total | | 0.12 | 8.52 | 1.0306 | 0.97 | 0.00 | 923.44 | 0.0660 | 15.15 | 242 |

Table 5

Length Frequency of Creel Clerk Measured Fish

Lake Owen
4-May-2019 To 1-Mar-2020

| Species | Length | Freq | CumFreq | CumPercent |
|-----------------|--------|------|---------|------------|
| Black Crappie | 9 | 4 | 4 | 24% |
| | 10 | 4 | 8 | 47% |
| | 11 | 3 | 11 | 65% |
| | 12 | 4 | 15 | 88% |
| | 14 | 2 | 17 | 100% |
| Bluegill | 7 | 18 | 18 | 64% |
| | 8 | 8 | 26 | 93% |
| | 9 | 2 | 28 | 100% |
| Largemouth Bass | 11 | 1 | 1 | 11% |
| | 13 | 2 | 3 | 33% |
| | 15 | 4 | 7 | 78% |
| | 18 | 2 | 9 | 100% |
| Northern Pike | 17 | 5 | 5 | 8% |
| | 18 | 9 | 14 | 22% |
| | 19 | 7 | 21 | 33% |
| | 20 | 5 | 26 | 41% |
| | 21 | 4 | 30 | 47% |
| | 22 | 6 | 36 | 56% |
| | 23 | 10 | 46 | 72% |
| | 24 | 8 | 54 | 84% |
| | 25 | 3 | 57 | 89% |
| | 26 | 3 | 60 | 94% |
| | 27 | 1 | 61 | 95% |
| | 28 | 1 | 62 | 97% |
| | 30 | 1 | 63 | 98% |
| 31 | 1 | 64 | 100% | |
| Pumpkinseed | 6 | 1 | 1 | 50% |
| | 8 | 1 | 2 | 100% |
| Rock Bass | 6 | 1 | 1 | 8% |
| | 7 | 1 | 2 | 15% |
| | 8 | 6 | 8 | 62% |
| | 9 | 5 | 13 | 100% |
| Smallmouth Bass | 13 | 1 | 1 | 25% |
| | 18 | 3 | 4 | 100% |
| Walleye | 18 | 1 | 1 | 25% |
| | 19 | 1 | 2 | 50% |
| | 22 | 1 | 3 | 75% |
| | 23 | 1 | 4 | 100% |
| Yellow Perch | 7 | 3 | 3 | 75% |
| | 9 | 1 | 4 | 100% |

Table 6

Mean Lengths of Harvested Fish

Lake Owen
4-May-2019 To 1-Mar-2020

| Species | Month | Mean | Std Err | N | Var | Max | Min |
|-----------------|-----------|-------|---------|----|-------|-------|-------|
| Black Crappie | June | 11.23 | 0.56 | 4 | 1.27 | 12.80 | 10.20 |
| | July | 10.78 | 0.52 | 10 | 2.69 | 14.20 | 9.00 |
| | August | 14.00 | * | 1 | * | 14.00 | 14.00 |
| | September | 12.35 | 0.25 | 2 | 0.13 | 12.60 | 12.10 |
| | Summer | 11.26 | 0.38 | 17 | 2.52 | 14.20 | 9.00 |
| | Total | 11.26 | 0.38 | 17 | 2.52 | 14.20 | 9.00 |
| Bluegill | June | 8.22 | 0.29 | 5 | 0.42 | 9.30 | 7.70 |
| | July | 7.95 | 0.28 | 8 | 0.63 | 9.70 | 7.40 |
| | August | 7.50 | 0.28 | 5 | 0.40 | 8.60 | 7.10 |
| | September | 7.82 | 0.19 | 9 | 0.31 | 8.60 | 7.10 |
| | January | 7.20 | * | 1 | * | 7.20 | 7.20 |
| | Summer | 7.87 | 0.13 | 27 | 0.44 | 9.70 | 7.10 |
| | Winter | 7.20 | * | 1 | * | 7.20 | 7.20 |
| | Total | 7.85 | 0.13 | 28 | 0.44 | 9.70 | 7.10 |
| Largemouth Bass | May | 15.30 | 1.71 | 3 | 8.76 | 18.70 | 13.30 |
| | June | 13.15 | 2.15 | 2 | 9.25 | 15.30 | 11.00 |
| | July | 15.25 | 0.05 | 2 | 0.01 | 15.30 | 15.20 |
| | October | 15.60 | * | 1 | * | 15.60 | 15.60 |
| | February | 18.50 | * | 1 | * | 18.50 | 18.50 |
| | Summer | 14.79 | 0.78 | 8 | 4.86 | 18.70 | 11.00 |
| | Winter | 18.50 | * | 1 | * | 18.50 | 18.50 |
| | Total | 15.20 | 0.80 | 9 | 5.78 | 18.70 | 11.00 |
| Northern Pike | May | 22.08 | 1.01 | 13 | 13.37 | 31.00 | 18.30 |
| | June | 21.47 | 0.74 | 12 | 6.53 | 25.00 | 17.20 |
| | July | 21.11 | 0.92 | 7 | 5.89 | 24.50 | 17.80 |
| | August | 20.47 | 1.57 | 3 | 7.37 | 23.60 | 18.80 |
| | September | 23.82 | 1.13 | 9 | 11.42 | 30.60 | 18.20 |
| | January | 21.20 | 1.62 | 6 | 15.74 | 28.00 | 17.50 |
| | February | 22.48 | 0.94 | 13 | 11.41 | 27.70 | 17.90 |
| | March | 25.60 | * | 1 | * | 25.60 | 25.60 |
| | Summer | 22.00 | 0.47 | 44 | 9.76 | 31.00 | 17.20 |
| | Winter | 22.26 | 0.79 | 20 | 12.32 | 28.00 | 17.50 |
| | Total | 22.08 | 0.40 | 64 | 10.39 | 31.00 | 17.20 |
| Pumpkinseed | June | 8.30 | * | 1 | * | 8.30 | 8.30 |
| | July | 6.00 | * | 1 | * | 6.00 | 6.00 |
| | Summer | 7.15 | 1.15 | 2 | 2.65 | 8.30 | 6.00 |
| | Total | 7.15 | 1.15 | 2 | 2.65 | 8.30 | 6.00 |
| Rock Bass | June | 9.07 | 0.15 | 3 | 0.06 | 9.30 | 8.80 |
| | July | 8.70 | 0.30 | 8 | 0.71 | 9.80 | 7.20 |
| | August | 6.70 | * | 1 | * | 6.70 | 6.70 |
| | September | 8.80 | * | 1 | * | 8.80 | 8.80 |
| | Summer | 8.64 | 0.25 | 13 | 0.79 | 9.80 | 6.70 |
| | Total | 8.64 | 0.25 | 13 | 0.79 | 9.80 | 6.70 |
| Smallmouth Bass | August | 13.80 | * | 1 | * | 13.80 | 13.80 |
| | January | 18.70 | 0.10 | 2 | 0.02 | 18.80 | 18.60 |
| | March | 18.60 | * | 1 | * | 18.60 | 18.60 |
| | Summer | 13.80 | * | 1 | * | 13.80 | 13.80 |
| | Winter | 18.67 | 0.07 | 3 | 0.01 | 18.80 | 18.60 |
| | Total | 17.45 | 1.22 | 4 | 5.93 | 18.80 | 13.80 |
| Walleye | May | 19.00 | * | 1 | * | 19.00 | 19.00 |
| | July | 20.30 | 1.80 | 2 | 6.48 | 22.10 | 18.50 |
| | October | 23.00 | * | 1 | * | 23.00 | 23.00 |
| | Summer | 20.65 | 1.12 | 4 | 4.99 | 23.00 | 18.50 |
| | Total | 20.65 | 1.12 | 4 | 4.99 | 23.00 | 18.50 |
| Yellow Perch | June | 7.50 | * | 1 | * | 7.50 | 7.50 |
| | March | 8.13 | 0.45 | 3 | 0.60 | 9.00 | 7.50 |
| | Summer | 7.50 | * | 1 | * | 7.50 | 7.50 |
| | Winter | 8.13 | 0.45 | 3 | 0.60 | 9.00 | 7.50 |
| | Total | 7.98 | 0.35 | 4 | 0.50 | 9.00 | 7.50 |

Table 7

Proportion of Marked Fish in Measured Sample

Lake Owen
4-May-2019 To 1-Mar-2020

| | | May | | June | | July | | August | | September | | October | | December | | January | | February | | March | |
|-----------------|------|-----|-----|------|-----|------|-----|--------|-----|-----------|-----|---------|-----|----------|---|---------|-----|----------|-----|-------|-----|
| Species | Mark | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % |
| Black Crappie | NONE | * | * | 4 | 100 | 10 | 100 | 1 | 100 | 2 | 100 | * | * | * | * | * | * | * | * | * | * |
| Bluegill | NONE | * | * | 5 | 100 | 8 | 100 | 5 | 100 | 9 | 100 | * | * | * | * | 1 | 100 | * | * | * | * |
| Largemouth Bass | NONE | 3 | 100 | 2 | 100 | 2 | 100 | * | * | * | * | 1 | 100 | * | * | * | * | 1 | 100 | * | * |
| Northern Pike | NONE | 13 | 100 | 12 | 100 | 7 | 100 | 3 | 100 | 9 | 100 | * | * | * | * | 6 | 100 | 13 | 100 | 1 | 100 |
| Pumpkinseed | NONE | * | * | 1 | 100 | 1 | 100 | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Rock Bass | NONE | * | * | 3 | 100 | 8 | 100 | 1 | 100 | 1 | 100 | * | * | * | * | * | * | * | * | * | * |
| Smallmouth Bass | NONE | * | * | * | * | * | * | 1 | 100 | * | * | * | * | * | * | 2 | 100 | * | * | 1 | 100 |
| Walleye | RV | 1 | 100 | * | * | 2 | 100 | * | * | * | * | 1 | 100 | * | * | * | * | * | * | * | * |
| Yellow Perch | NONE | * | * | 1 | 100 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 3 | 100 |

Table 8

Estimated Number of Marked Fish Harvested

Lake Owen
4-May-2019 To 1-Mar-2020

| Species | Finclip | May | July | October | Total |
|--------------|---------|-----|------|---------|-------|
| Walleye | RV | 9 | 21 | 5 | 35 |
| Total | | 9 | 21 | 5 | 35 |

| Species | Date | Length | Weight | Finclip | Tag Number |
|---------|-------------|--------|--------|---------|------------|
| Walleye | 11-May-2019 | 19.0 | | RV | |
| | 22-Jul-2019 | 18.5 | | RV | |
| | 23-Jul-2019 | 22.1 | | RV | |
| | 18-Oct-2019 | 23.0 | | RV | |