

Summary of 2003-2008 BY

| Brood Year | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|--|---------------|-------------------|-------------------|-------------------|-----------------|-----------|
| No. of sockeye past Wells | 29,374 | 78,053 | 55,559 | 22,075 | 22,273 | 165,334 |
| Spawning escapement estimate (AUC river) | 18,896 | 40,908 | 31,536 | 20,819 | 13,388 | 128,584 |
| No. Females collected for broodstock (total killed) | 218 | 650 | 684 | 661 | 405 | 685 |
| No. Females retained for gametes (total taken to hatchery) | 208 | 642 | 680 | 656 | 395 | 681 |
| No. Males collected for broodstock (total killed) | 240 | 750 | 780 | 760 | 550 | 900 |
| No. Males retained for gametes (total taken to hatchery) | 225 | 700 | 720 | 690 | 450 | 730 |
| Prevalence of IHNV in spawning female sockeye salmon (%) | 8/213 (3.8) | 10/185 (5.4) | 1/254 (0.4) | 0/222 (0) | 1/387 (0.3) | |
| Initial Inventory | 400,000 | 1,600,000 | 1,700,000 | 1,600,000 | 1,000,000 | 1650000** |
| Final inventory number of "green" eggs | 459,330 | 1,574,600 | 1,702,400 | 1,742,800 | 1,053,800 | |
| Otolith banding | H3,4 | H3,3 | H3,3 | H3,4 | H3,3 | |
| Number of fry ponded | 359,760 | 1,372,400 | 1,462,800 | 1,504,700 | 926,680 | |
| Prevalence of IHNV in sockeye fry salmon | 0/33; 0/108 | 0/ | 0/ | 0/300; 0/180 | 0/210; 0/180 | |
| Number of fry externally marked | 177,175* | 363,000 | 150,000 | < 400 | 0 | |
| Date(s) fry released | 2-Jun-04 | 17 & 18 May, 2005 | 16 & 17 May, 2006 | 15 & 16 May, 2007 | 2 & 3 Jun, 2008 | |
| approximate time fry released | 19:00-20:00 | 19:00-20:00 | 19:00-20:00 | 19:00-20:00 | 19:00-20:00 | |
| Estimated surface temperature (in-lake) | | 16.6 °C | 13 °C | 12.6 °C | 12-14 | |
| Penticton Channel temperature | | | | | | |
| Total Number of fry released (fry/ha) | 352,500 (176) | 1,205,500 (603) | 1,384,000 (692) | 1,479,000 (740) | 885,500 (443) | |
| % survival (green eggs to fry) | 76.70% | 76.60% | 81.30% | 84.90% | 84.03% | |
| Number of externally marked fry released | 176650* | 349,000 | 134,300 | < 400 | 0 | |
| Average length of fry released | | | 4.77 cm | 4.90 cm | | |
| Average weight of fry released | 0.83 g | 1.16 g | 1.01 g | 1.24 g | 1.27 g | |
| fry to early summer fry/ha (% survival) | 58 | 40 | 28 | 30 | 37 | |
| early summer fry to presmolt fry/ha (% survival) | 78 | 30 | 34 | 44 | -63 | |
| egg to presmolt fry/ha (% survival) | 45 | 9 | 8 | 11 | -19 | |
| Presmolt estimate (acoustics) | 159,000 (80) | 144,000 (72) | 132,000 (66) | 198,000 (99) | 206,000 (103) | |

* adipose clipped

**was 1.9 million initially but eggs larger than previous years