

**IDAHO DEPARTMENT OF FISH AND GAME**  
**McCALL SUMMER CHINOOK HATCHERY**  
**June 2008 Monthly Narrative**  
Steve Kammeyer

**South Fork Salmon River SU Production**

**Brood Year 2007**

There are 1,063,034 SFSR SU parr being reared at MCFH in 1-outdoor rearing pond and in 10-indoor early rearing vats. Currently these fish average 158.4 fpp (2.77 inch TL) in size. During June these fish were fed 1,800.7 pounds of feed resulting in an average conversion of 0.72 for the month (0.70 to date). Feeding behaviors have steadily improved in response to warmer water temperatures which reached 46 degrees Fahrenheit by the end of the month. Due to improved efficiencies using the Skretting BioDry1000LP feed type no surface water is being drawn into the hatchery. Ending density and flow indices, for the indoor vats, averaged 0.37 and 0.70; and was 0.06 and 0.39 for pond 1, respectively.

Fish marking crews ad-clipped 551,473 SFSR parr (“hand-clipped”) into Pond 1 during the period of June 9 – 13, 2008. The electronic count obtained during marking resulted in an inventory gain of 40,891 fish (8.01% gain). Following fish marking, SFSR SU parr remaining in indoor vats were divided into emptied vats to reduce rearing densities. Fish marking crews are scheduled to return on July 7<sup>th</sup> to mark the remaining SFSR parr from indoor vats into Pond 2. Two MATS automatic marking trailers will be used to ad-clip all of these fish and insert a CWT tag into a portion of them.

	Number	Total Length (inch)	Fish/Pound	Total Mortality		Feed Conversion		Density Index	Flow Index	30-d Length (inch)
				Month	To Date	Month	To Date			
BY07 SFSR SU										
Vats	512,120	2.72	168.5	837	1.46%	0.75	0.72	0.37	0.70	0.40
Pond 1	<u>550,914</u>	<u>2.82</u>	<u>149.0</u>	<u>1,542</u>	<u>1.45%</u>	<u>0.70</u>	<u>0.68</u>	0.06	0.39	0.39
	1,063,034	2.77	158.4	2,379	1.45%	0.72	0.70			
BY07 Johnson Creek SU	89,566	2.97	127.2	77	3.10%	0.73	0.76	0.37	0.79	0.45

**Johnson Creek SU Production**

**Brood Year 2007**

Johnson Creek origin summer chinook parr currently number 89,566 and average 127.2 fpp (2.97 inch TL) in size. During June, 198.5 pounds of feed was fed to these fish resulting in a conversion of 0.73 (0.76 to date). Johnson Creek parr continue to be reared in 2-indoor vats to improve feeding efficiency. Ending density and flow indices averaged 0.37 and 0.79, respectively. Average growth for June was 0.45 inches TL.

**South Fork Salmon River Adult Trap**

The SFSR trap was placed into operation on June 25<sup>th</sup> with the first returning adult being trapped on June 26<sup>th</sup>. Weir placement using the new bridge allowed for a considerably earlier installation (Krassel staff 4.9/ 1,500 cfs) compared to the old tripod system (Krassel staff 3.6-3.8/ 900 cfs). Through June 30<sup>th</sup> a total of 73 summer chinook have been trapped and processed through the facility. Besides standard record keeping for trapped salmon (mark type, sex, injuries, length, PIT tags and disposition) each salmon selected for retention as brood stock is being scanned for CWT, a genetic sample is collected and the fish is tagged with a double T-bar flow tag that is uniquely numbered for identification during spawning.

SFSR Returning SU	Reserve	Natural (unmarked)	Total
Adult	67	6	73
Jack	-	-	-
Total	67	6	73

Data current through June 30, 2008.

### Resident Program

Catchable size rainbow trout numbering 40,520 were redistributed into area waters during June. In doing so, 2,041 miles were driven at an approximate transportation cost of \$2,224. Catchable trout redistribution totals for this summer are: 59,425 fish stocked requiring 2,864 miles to be driven at a cost of \$3,250.

Currently there are 39,700 TroutLodge rainbow trout sac-fry being rearing in incubation trays that will be used for fish stocking into mountain lakes later this summer. There is a current order for 140,000 eyed westslope cutthroat trout eggs from the “Westslope Cutthroat Trout Company” that should be delivered in mid-July. This number should allow for meeting approximately 80% of the cutthroat mountain lake requests. Early contacts appear that Golden Trout eggs will be available (full requests) as well as grayling fry (<50% of requests).

Joel Patterson and Steve Kammeyer participated in Free Fishing Day events held at Kimberland Meadows Pond and Council Park Pond.

### Miscellaneous



The “Old” weir goes away! (6-4-08).



SFSR Weir Installed for 2008 Season (6-25-08).



Opposite side of the SFSR view (6-25-08).



Free Fishing Day, Council Pond (6-7-08).



Intense Concentration for a Bite.



SUCCESS !!!



Rusty Saving the Day in Council.



Dad Helping out (First Fish on Line???)



Families Enjoying the Event in Council.



Payette Lake Net Pen Stocking on a Snowy Day (6-11-08).



Loading the Net Pens with Rainbow Trout.



View of the Payette Lake Net Pens.



New Deck Built by the Crew for Residence #3 during June.