

**IDAHO DEPARTMENT OF FISH AND GAME**  
**McCALL SUMMER CHINOOK HATCHERY**  
**June 2009 Monthly Narrative**  
Steve Kammeyer

**South Fork Salmon River SU Production**

**Brood Year 2008**

There are 1,207,529 SFSR SU being reared at MCFH in 1-outdoor pond and 11-indoor early rearing vats. Currently these fish average 173.6 fpp (2.65 inch TL) in size. During June, 2,258.1 pounds of feed was fed to these fish resulting in an average conversion of 0.80 for the month (0.75 to date). Feeding behaviors have steadily improved in response to warmer water temperatures. The surface water intake was opened on June 23<sup>rd</sup>. During the month water temperatures averaged 44.8 degrees Fahrenheit and ended at 50 degrees with little daily diurnal variation.

Fish marking crews ad-clipped 608,531 SFSR parr (“hand-clipped”) into Pond 1 during the period of June 8-12, 2009. The physical count obtained as a result of marking resulted in an inventory gain of 13,948 fish (2.31% gain). Marking crews proved to be very responsive to hatchery needs in getting these fish marked in the week that was allotted to them. To do so, marking crews worked an expanded work schedule beyond a standard 8-hour day while still maintaining a high degree of quality/ productivity. Following fish marking, SFSR SU remaining in the indoor vats were sub-divided into 5 additional emptied vats to reduce rearing densities to provide for continued growth. Fish marking crews are scheduled to return July 20<sup>th</sup> to mark the remaining SFSR SU parr from indoor vats into Pond 2. MATS automated marking trailers will be used to ad-clip these fish and insert a CWT tag into approximately 200,000 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			
BY08 SFSR SU										
Vats	599,598	2.72	160.0	2,325	1.71%	0.69	0.69	0.40	0.82	0.48
Pond 1	<u>607,931</u>	<u>2.58</u>	<u>187.1</u>	<u>2,099</u>	<u>1.63%</u>	<u>0.99</u>	<u>0.82</u>	0.05	0.36	0.31
	1,207,529	2.65	173.6	4,424	1.67%	0.80	0.75			
BY08 Johnson Creek SU	100,996	2.79	148.6	211	1.69%	0.65	0.74	0.38	0.74	0.55

**Johnson Creek SU Production**

**Brood Year 2008**

Johnson Creek origin summer chinook parr currently number 100,996 and average 148.6 fpp (2.79 inch TL) in size. During June, 222.6 pounds of feed was fed to these fish resulting in a conversion of 0.65 for the month (0.74 to date). Johnson Creek parr continue to be reared in 2-indoor early rearing vats. Ending density and flow indices averaged 0.38 and 0.74, respectively.

All of these fish are scheduled to be CWT tagged, following the marking of the SFSR SU scheduled for July 20<sup>th</sup>, and will be returned to indoor vats for further rearing.

**South Fork Salmon River Trap**

Weir panels were lowered into place on June 15<sup>th</sup> effectively blocking upstream fish passage in the SFSR adjacent to the SFSR trap. Krassel staff gauge measurement at this time was approximately 4.8 or 1,480 cfs. Final preparations to the trap were completed on June 16<sup>th</sup> and the facility was then watered up and made operational. The first salmon trapped for the 2009 season occurred on June 27<sup>th</sup> and was processed on June 28<sup>th</sup>. Through July 1st, a total of 181 salmon have been trapped and processed through the SFSR trap (155 Reserve and 26 Natural). All unmarked salmon were passed above the weir to spawn naturally. Reserve salmon have been segregated as 95 for brood stock and 60 set aside for recycling through sport/ tribal fisheries. To date no fish have been recycled or dispatched for subsistence purposes.

SFSR Returning SU	Reserve	Natural (unmarked)	Total
Adult	153	24	177
Jack	2	2	4
Total	155	26	181

Data Current through July 1, 2009

## Resident Species

Catchable size rainbow trout, numbering 44,820, were redistributed into area waters during June through July 1st. In doing so, 1,833 miles were driven at an approximate transportation cost of \$2,129. Catchable redistribution totals for this summer are: 71,700 fish stocked requiring 2,762 miles to be driven at a cost of \$3,281.

Currently there are approximately 44,720 rainbow and 76,710 westslope cutthroat trout alevin residing in incubation trays. These fish will be used for the mountain lake stocking program later this summer. An additional 90,000 eyed westslope cutthroat trout eggs will be received by MCFH to ensure adequate numbers of these fry will be available to meet requests. No golden trout will be available for stocking this year.

	Number	Total Length (inch)	Fish/Pound	Total Mortality		Feed Conversion		Density Index	Flow Index	30-d Length (inch)
				To Date	Month	To Date				
Rbt (TT) Stocked	71,700	9.0	3.51	123	0.39%	n/a	0.05	0.04	n/a	
Catchable On Hand	<u>9,005</u>	9.0	3.40	<u>193</u>						
(Nampa FH)	80,705			316						
Data Current through July 1, 2009.										
Rainbow Trout (TT) Alevin (TroutLodge)	44,720	Approx		Incubation Morts		n/a				
		0.9	2,500	280	0.6%					
Received June 11 <sup>th</sup> , with complete hatch by June 27 <sup>th</sup> .										
Westslope Cutthroat (C2) Alevin (Washoe FH, Mont F&G)	76,710	Approx		Incubation Morts		n/a				
		0.8	4,500	31,250	28.8%					
Received June 18 <sup>th</sup> , with complete hatch by June 30 <sup>th</sup> .										

## Miscellaneous

Steve Kammeyer, Nikki Sauterland, Brett Watterson and Sean Ward participated in Free Fishing Day activities held at Rowland Pond.



SFSR Weir Installation (June 15, 2009)



SFSR Weir Installation (June 15, 2009)



Payette Lake Net Pens Being Loaded (May 28, 2009)



Fish Stocking on MF Weiser River (June 17, 2009)



Great Free Fishing Day Experience (June 13, 2009)



Successful Catch on Free Fishing Day (June 13, 2009)



Good Mixed Groups at Free Fishing Day (June 13, 2009)



A lot of families came to Rowland Pond for FFD (6/13/09)