

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

**South Fork Salmon River SU Production**

**Brood Year 2007**

There are 1,108,508 SFSR SU parr being reared in the 2-outdoor rearing ponds (266,576 AD/CWT and 841,932 AD clip only). Currently these fish average 22.8 fpp (5.15 inch TL) in size. During December these fish were fed 3,749 pounds of feed resulting in an average conversion of 0.89 for the month (0.81 to date). Ending density and flow indices were 0.20 and 1.39, respectively. Incoming water temperatures averaged 40.0 degrees Fahrenheit during December, ranging from 38 – 43 degrees. Mallard ducks, landing on Pond 1 during the night, began to occur mid-month and have negatively impacted the feeding response of these fish.

	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 Parr	1,108,508	5.15	22.77	83	1.78%	0.89	0.81	0.20	1.39	0.15
BY08 SFSR SU Alevin	1,213,735	All In Incubation Trays								
BY07 Johnson Creek SU Parr	91,274	4.70	30.00	43	3.60%	2.53	1.02	0.17	0.11	0.06
BY08 Johnson Creek SU Alevin	102,701	All In Incubation Trays								

**Johnson Creek SU Production**

**Brood Year 2007**

Johnson Creek origin summer chinook parr currently number 91,274 and average 30.0 fpp (4.70 inch TL) in size. During December, 278 pounds of feed was fed to these fish resulting in a conversion of 2.53 for the month (1.02 to date). These fish adjusted well to the outdoor collection basin rearing environment well, however sporadic feeding behavior is likely associated with ducks periodically getting into the collection basin – stirring them up. Nez Perce Fishery Personnel will PIT tag approximately 2,000 of these fish in January.

**Brood Year 2008 SFSR SU and JC SU Production**

At this time there are 1,213,735 SFSR SU and 102,701 JC SU alevin being reared in incubation trays. Setout of fry from the 1<sup>st</sup> spawn take Lot is projected to occur during the first week of January. Setout has been delayed from historic timing as a result of cooler incubation water temperatures in the fall. Projected growth data indicate the need to delay mark timing by approximately 2-weeks this spring/summer to ensure marking size criteria are met.

## **Miscellaneous**

- Hatchery personnel attended the SFSR/Little Salmon River Coordination meeting on December 9<sup>th</sup>.
- The MCFH Operations Plan (internal) was completed this month outlining events for BY07/ BY08 summer chinook.
- Mountain Lake Requests for 2009 were sent to Regional Fish Managers for review and potential adjustments.
- Snow was shoveled off of structures at the SFSR Trap on December 30<sup>th</sup>.