

IDAHO DEPARTMENT OF FISH AND GAME
McCALL SUMMER CHINOOK HATCHERY
November 2006 Monthly Narrative
Steve Kammeyer

South Fork Salmon River SU Production

Brood Year 2005

There are approximately 1.088 million SFSR summer chinook parr being reared at MCFH at an average size of 22.8 fpp (5.07 inch TL). Ending density and flow indices averaged 0.20 and 1.39, respectively. During November a total of 5,123 pounds of feed was utilized resulting in an average conversion of 1.09 (1.04 to date). Feeding rates have continued to be reduced in response to cooler water temperatures and diminished feeding response. Water temperatures have lowered to 40 degrees Fahrenheit and have shown little diurnal fluctuation.

	Number	Total Length (inch)	Fish/Pound	Total Mortality		Feed Conversion		Density Index	Flow Index	30-d Length (inch)
				Month	To Date	Month	To Date			
BY05 SFSR SU	1,088,411	5.07	22.8	45	1.94%	1.09	1.04	0.20	1.39	0.04
BY06 SFSR SU	1,052,917									
BY05 Johnson Creek SU	120,599	4.56	32.8	44	2.33%	n/a	1.13	0.13	0.13	0.00
BY06 Johnson Creek SU	87,567									

Brood Year 2006

The current BY06 SFSR SU inventory remains at approximately 1.05 million yolk-sac fry and all continue to be reared in incubation trays. All eggs from this brood year have hatched and secondary picks have been completed. It is anticipated that the first of the SFSR SU will be ready to be moved to an indoor rearing vat by the end of December.

Johnson Creek SU Production

Brood Year 2005

Johnson Creek origin parr currently number 120,599 and average 32.8 fpp (4.56 inch TL). During November these fish were fed 251.0 pounds of feed resulting in an average conversion to date of 1.13. Fishery personnel from the Nez Perce Tribe Elastomer tagged 100% of the Johnson Creek parr from indoor vats into the outdoor collection basin. An orange elastomer mark behind the left eye was applied to these fish during the period of November 6-15, 2006. Ending density and flow indices averaged 0.13 and 0.13, respectively.

Brood Year 2006

The current BY06 JC SU inventory remains at approximately 87 thousand yolk-sac fry and all continue to be reared in incubation trays. All eggs from this brood year have hatched and secondary picks have been completed. It is anticipated that the first of these fry will be ready to be moved to an indoor rearing vat by mid-December.

South Fork Salmon River Trap Construction Project

Initial on-site construction efforts concluded on November 9th with the completion of reclamation activities associated with the refilling the diversion channel, removing the temporary road crossing the SFSR and the removing the temporary road leading to the river. Materials used for these aspects of the project were removed and natural gravel/soils that had been previously set aside were returned and native seeds were spread out to re-establish the disturbed vegetation. Off-site construction of the bridge/ weir is continuing and is anticipated to be moved to the trap site and installed by mid-December.



Reclamation of diversion channel (11/03/06)



Reclamation of diversion channel (11/03/06)



Upstream coffer dam area during reclamation (11/03/06)



Removal of temporary access road across SFSR (11/06/06)



Removal of temporary access road across SFSR (11/06/06)



Construction overview; diversion filled in/ reseeded (11/06/06)



Hobbes – Best Loved Friend and Hatchery Mascot

Hobbes passed away this month and will be sorely missed. He will always be remembered for the great Joy he brought to so many people at MCFH and the SFSR Trap.