

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

**South Fork Salmon River SU Production**

**Brood Year 2008**

There are currently 1,039,967 SFSR SU parr being reared in the 2-outdoor rearing ponds (208,202 AD/CWT and 831,765 AD-clip only). These fish average 27.2 fpp (4.87 inch TL) in size. During November, SFSR parr were fed 4,014 pounds of feed resulting in an average conversion of 3.64 for the month (0.88 to date). Hatchery intake water temperatures averaged 42.8 degrees Fahrenheit during November and ranged from 45.5 F to an ending temperature of 40.0 F. Ducks have begun periodically settling onto the ponds, at night, stirring up the fish and causing them to go off feed.

	Number	Fish/ Pound	Total Length (inch)	Total Mortality		Feed Conversion		Density Index	Flow Index	30-d Length (inch)
				Month	To Date	Month	To Date			
BY08 SFSR SU										
Pond 1	520,892	26.00	4.94	52	2.33%	1.09	0.85	0.18	1.59	0.16
Pond 2	<u>519,075</u>	<u>28.39</u>	<u>4.79</u>	<u>78</u>	<u>2.91%</u>	<u>n/a</u>	<u>0.91</u>	<u>0.17</u>	<u>1.50</u>	<u>0.00</u>
	1,039,967	27.19	4.87	130	2.62%	3.64	0.88	0.17	1.55	0.08
BY08 Johnson Creek SU	99,944	32.00	4.61	212	2.76%	1.10	0.82	0.11	0.13	0.15
BY09 SFSR SU	1,088,000	Eggs & Hatched Fry in Incubator Stacks (2 <sup>nd</sup> Picks following hatch have been removed)								
BY09 Johnson Creek SU	109,620	Eggs & Hatched Fry in Incubator Stacks (2 <sup>nd</sup> Picks following hatch have been removed)								

**Johnson Creek SU Production**

**Brood Year 2008**

Johnson Creek origin summer Chinook parr currently number 99,944 and average approximately 32.0 fpp (4.61 inch TL) in size. During November these fish were fed 294.5 pounds of feed. Monthly growth information was estimated using a feed conversion rate of 1.10 (0.82 to date).

Fishery personnel from the NPT conducted a VIE retention check on the two groups of parr being reared in the collection basin on November 3<sup>rd</sup>. Elastomer retention for the early and late release groups were reported to be 98.2% (560/ 570) and 98.4% (561/ 570), respectively. The remaining Johnson Creek parr being reared in indoor vats were moved into the collection basin on November 4<sup>th</sup>. These fish were not elastomer tagged as part of the dual survival study. All of the JC parr were CWT tagged in July.

**Brood Year 2009 SFSR and Johnson Creek SU Production**

By the second week of November all of the eggs retained for rearing at MCFH hatched and secondary picks were completed. At this time there are 1,088,000 SFSR SU and 109,620 Johnson Creek origin SU alevin being reared in incubation trays. The first Lot of salmon fry is projected to be ready to set-out into rearing vats in late December.

**Miscellaneous**



New Chemical Storage Container Received November 23<sup>rd</sup> for Formalin Storage.