

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

South Fork Salmon River SU Production

Brood Year 2008

There are currently 1,039,759 SFSR SU parr being reared in the 2-outdoor rearing ponds (208,171 AD/CWT and 831,588 AD-clip only). These fish average 24.7 fpp (5.07 inch TL) in size. During December, SFSR parr were fed 1,007.0 pounds of feed. Monthly feed conversion data appears to be skewed based on pound count sampling data. However, the feed conversion to date averaged 0.83 which is typical for this time of the rearing cycle. Hatchery intake water temperatures averaged 38.7 degrees Fahrenheit during December and ranged from 40.0 F to an ending temperature of 38.4 F. Mesh screening was installed around the outside perimeter of the ponds on December 29th in an attempt to deny access to ducks that land on the ponds during the night.

	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	520,782	26.0	4.99	110	2.35%	10.19	0.87	0.17	1.58	0.05
Pond 2	<u>518,977</u>	<u>23.5</u>	<u>5.16</u>	<u>98</u>	<u>2.93%</u>	<u>0.17</u>	<u>0.78</u>	<u>0.19</u>	<u>1.68</u>	<u>0.36</u>
	1,039,759	24.7	5.07	208	2.64%	0.26	0.83	0.18	1.63	0.20
BY08 Johnson Creek SU	99,902	30.8	4.71	42	2.80%	1.00	0.83	0.11	0.14	0.10
BY09 SFSR SU										
Vats	144,077	1,310	1.38	257	0.2%	n/a	n/a	0.30	0.64	0.00
Incubations Trays	<u>943,736</u>	-	-	-	-	-	-	-	-	-
	1,087,743									
BY09 Johnson Creek SU										
Vats	19,364	1,205	1.42	148	0.6%	n/a	n/a	0.08	0.17	0.00
Incubations Trays	<u>90,063</u>	-	-	-	-	-	-	-	-	-
	109,427									
Lot 1 setout on December 28 th . Lots 2 – 6 Remain in Incubation Trays.										

Johnson Creek SU Production

Brood Year 2008

Johnson Creek origin summer Chinook parr currently number 99,902 and average approximately 30.8 fpp (4.71 inch TL) in size. During December these fish were fed 117.0 pounds of feed. Monthly growth information was estimated using a feed conversion rate of 1.00 (0.83 to date). Fishery personnel from the NPT are scheduled to insert approximately 4,800 PIT tags into fish during late January. Mark retention information for CWT's will be collected at this time.

Brood Year 2009 SFSR and Johnson Creek SU Production

Fry coming from the 1st of 6 spawn take Lots were set out on December 28th. SFSR SU fry will be initially setout into 12 of the 14 indoor rearing vats at an average loading density of 90,600 per vat. Johnson Creek SU fry will be setout into 2 indoor vats at an average loading density of 54,800 per vat.