

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

	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 Pre-smolt	1,108,060	5.18	21.26	322	1.82%	1.31	0.82	0.21	1.77	0.06
Doug Munson, IDFG Fish Pathologist collected Pre-Liberation Samples on 2/25/09; 30 fish from each pond.										
BY08 SFSR SU Fry	1,208,407	1.46	1,142	3,190	0.44%	1.20	1.21	0.43	0.57	0.04
All BY08 Fry setout by end of February.										
BY07 Johnson Cr SU Pre-smolt	91,188	4.76	28.20	64	3.70%	0.89	1.05	0.11	0.13	0.10
Doug Munson, IDFG Fish Pathologist collected Pre-Liberation Samples on 2/25/09; 60 fish sample.										
BY08 Johnson Cr SU Fry	101,920	1.52	1,022	332	0.77%	0.81	0.88	0.24	0.30	0.07
All BY08 Fry setout by end of February.										

South Fork Salmon River SU Production

Brood Year 2007

There are 1,108,060 SFSR SU pre-smolts being reared in the 2-outdoor rearing ponds (266,528 AD/CWT, 51,795 AD/PIT and 789,737 AD-clip only). Currently these fish average 21.3 fpp (5.18 inch TL) in size. During February these fish were fed 1,976 pounds of feed resulting in an average conversion of 1.31 (0.82 to date). Ending average density and flow indices were 0.21 and 1.77, respectively. Incoming water temperatures averaged 37.5 degrees Fahrenheit during February with no apparent variation.

Feeding behaviors improved during the month for fish in both ponds. However, the duck problem in Pond 1 has continued and these fish once again were only fed 1/3 of the amount that those in Pond 2 received.

Laurie Janssen conducted training for individuals who will be inserting PIT into fish this summer on February 24th. At that time, she supervised the insertion of 199 functional PIT tags into AD-clip only pre-smolts coming out of Pond 1. This brings the total number of functional PIT tags inserted into BY07 SFSR SU to 51,873. PIT tags from mortalities following the departure of the marking crew in early February were not inserted into new fish. They, along with any recovered as "sheds", will be collected and returned to Nampa Fishery Research personal following smolt transport in March.

Doug Munson, IDFG Fish Pathologist, performed pre-liberation fish health assessments on February 25th. Samples were collected from 30 fish taken from each pond (60 fish total).

Smolt transportation for this brood year has been scheduled to take place March 23-27, 2009.

Brood Year 2008

There are 1,208,407 SFSR SU fry being reared in 12 of the indoor early rearing vats and all of the fry had been setout by the end of the month. Currently these fish average 1,142 fpp (1.46 inch TL) in size. During February, SFSR SU fry were fed 96.0 pounds of feed resulting in a conversion of 1.20 for the month (1.21 to date). Ending density and flow indices averaged 0.43 and 0.57, respectively.

Johnson Creek SU Production

Brood Year 2007

Johnson Creek origin summer chinook pre-smolts currently number 91,188 and average 28.2 fpp (4.76 inch TL) in size. During February, 171 pounds of feed was fed to these fish resulting in a conversion of 0.89 for the month (1.05 to date). Those fish that had received a PIT tag in late January, and were being maintained in Vat 13, were moved back into the Collection Basin with the rest of the Johnson Creek pre-smolts on February 11th.

Doug Munson, IDFG Fish Pathologist, performed pre-liberation fish health assessments on February 25th. Samples were collected from 60 Johnson Creek summer chinook pre-smolts.

Smolt transportation for this brood year has been scheduled to take place March 16-20, 2009.

Brood Year 2008

There are 101,920 Johnson Creek origin fry being reared in 2 of the indoor early rearing vats and all of the fry from this brood year had been setout by the end of the month. At the end of February, these fish averaged 1,022 fpp (1.52 inch TL) in size. During February, JC SU fry were fed 12.1 pounds of feed resulting in an average conversion of 0.81 for the month (0.88 to date). Ending density and flow indices averaged 0.24 and 0.30, respectively.