

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

**South Fork Salmon River SU Production**

**Brood Year 2008**

There are 1,198,005 SFSR SU fry being reared in 12-indoor early rearing vats that are averaging 292.8 fpp (2.25 inch TL) in size. During May, these fry were fed 1,188.2 pounds of starter feed resulting in a conversion of 0.66 (0.71 to date). Ending density and flow indices averaged 0.48 and 0.98, respectively. Water temperatures averaged 40.9 degrees Fahrenheit and steadily climbed from 39.0 to 42.4 degrees by the end of the month.

Fish markers are scheduled to be on station June 8-12 and will be “hand” ad-clipping approximately ½ of these fish into Pond 1.

	Number	Total Length (inch)	Fish/Pound	Total Mortality		Feed Conversion		Density Index	Flow Index	30-d Length (inch)
				Month	To Date	Month	To Date			
BY08 SFSR SU	1,198,005	2.25	292.8	4,659	1.31%	0.66	0.71	0.48	0.98	0.39
BY08 Johnson Creek SU	101,207	2.23	298.0	247	1.48%	0.83	0.86	0.24	0.44	0.33

**Johnson Creek SU Production**

**Brood Year 2008**

Johnson Creek origin summer Chinook fry currently number 101,207 and average 298.0 fpp (2.23 inch TL) in size. During May, these fry were fed 111.9 pounds of starter feed resulting in a conversion of 0.83 (0.86 to date). When density indices reached 0.45 the two indoor early rearing vats holding the Johnson Creek fry were extended to full length. Ending density and flow indices averaged 0.24 and 0.44, respectively.

**South Fork Salmon River Trap**

Initial preparations for readying the SFSR Trap to operate began this month. Water flows are being monitored, but flows are significantly high to preclude lowering weir panels and activating the trap. Tentatively, operation of the SFSR Trap is not expected to begin until mid-June. A new PIT detection array was installed into the Trap’s ladder on June 1<sup>st</sup> and should be operational for this year’s trapping and will effectively eliminate any missed PIT tag detections during trapping. No changes are anticipated for the operation of the hatcheries PIT reader when salmon are processed through the trap. This new PIT detection array simply will supplement the previous detection capability at the trap.

**Resident Species**

Nampa FH delivered 34,780 catchable size rainbow trout (TT) for redistribution during May. On receipt, these fish averaged 3.70 fpp (approximately 9.0 inch TL). MCFH redistribution efforts resulted in out-planting 26,880 of these fish into area waters during May. In doing so, 929 miles were driven at an approximate transportation cost of \$1,152.

**Miscellaneous**



**Before – Unused Automatic Feeders Around Ponds.**



**Removing Automatic Feeders.**



**After – Feeders Gone, Much Cleaner Open Look.**



**18 Partially Rusted Feeders Ready for Disposal.**



**Installing New PIT Tag Array at SFSR Trap 6/1/09.**



**Installing New PIT Tag Array at SFSR Trap 6/1/09.**



**New Shelving for Better Organization @ MCFH.**



**Stuff to Sort Through for Shelving.**