

State of Idaho
Department of Fish and Game
Sawtooth Fish Hatchery
Stanley, Idaho

Date: June 1, 2009

MEMORANDUM

TO: Tom Rogers
FROM: Sawtooth Hatchery
SUBJECT: Monthly Narrative May 2009

CC: Tom Frew, LSRCP, Doug Munson, Tom Curet, Paul Kline, Brian Leth, Carl Stiefel, John Cassinelli, Mike Peterson, Sam Sharr, Eagle FH, Pahsimeroi FH, Jeff Heindel, Bob Esselman

Fish reared in May on station are as follows:

BY 07 Sockeye	N= 99,374 at 31 fpp and 114 mm
BY08 Sawtooth spring chinook	N= 1,966,809 fry at 105 fpp and 81mm
BY08 Sockeye	N= 181,065 fry at 1,528 fpp and 35mm
BY09 Steelhead green eggs	N = 2,486K (SFH), 94K (EFK), 159K (SQP)

BY 07 Sockeye smolts were released May 7, 2009. A total of 99,374 fish averaging 31 fpp and 4.49 inches in length had a condition factor of 3685×10^{-7} were released into the Salmon river below the hatchery intake. The fish were transferred into two Eagle FH distribution trucks and one Sawtooth FH truck.

BY08 Sawtooth Spring Chinook marking began May 19. A total of 40,007 fish were AD/CWT, 264,156 were AD clipped. Due to electrical problems in one of the marking trailers, small fish and turbid water in the outside raceways only 304,163 fish were marked of 1,966,800 BY 2008 Chinook. Marking will continue in early September 2008. Transfer of these fry to outside rearing on river water will continue as vat room indices dictate. Approximately 400,000 parr will remain inside until reaching 7 cm length.

BY08 Sockeye Salmon are being reared in two vats on well water and will be moved to other vats as rearing indices dictate.

BY09 Steelhead: The Sho-Pai Tribe received 150 adult steelhead, and two food banks, Lowman 150 fish, and the Emmitt food bank 260 fish. Spawning efforts have produced 2,486,000 green eggs from 515 female steelhead. To date 1.2 million eyed eggs have been shipped. HNFH was shipped 936,000 Sawtooth eggs. The SBT have received 264,000 eggs for the egg box program. Magic Valley FH has received 67,000 eggs from Squaw Creek and HNFH has received 27,000 eggs from the East Fork trap. The last spawn day for the East Fork trap was May 11. Spawning efforts at the East Fork trap collected 220,000 estimated green eggs from 42 females.

Staff activities for May included thinning of BY08 Spring Chinook from inside vats to outside raceways on river water. Weekly staff meetings occurred discussing the BY 08 marking and the BY 09 Chinook trapping season. Bio-Aide Sylvia Hamilton ended her work for IDFG to return to the Idaho Rocky Mountain Ranch. Bio-Aide Telly Evans ended his work with IDFG to return to guiding. Fish Techs Shawna Johansen and Julie Markham ended their work at the East Fork trap to return to the USFS. Meghan Murphy, Research Data Technician and Biological Aides, Megan Moore, Lori Burchard and Peter Starr, who will be planting catchables, began work with us in May. Fish Culturists Danielle Dorsch and Chris Jeszke participated in the new employee tour. Biological-Aide George Smith spent a day cross-training with Conservation Officer Merritt Horsmon. Hatchery personnel assisted with egg box retrieval at Pettit Lake. The stocking data base was updated by Tomi Quigley-Baker.

Other Activities

May: The fish pump was transferred to Hayspur FH for the summer. May 5 the Sawtooth weir was removed and the spawn shed and holding ponds cleaned for Chinook trapping. Dam boards, screens and raceways were pressure washed after release of BY 07 Chinook. The steelhead release pipe was removed after HNFH released 1,041,000 Sawtooth smolts at the hatchery weir. HNFH also released 302,000 smolts into the Yankee Fork Salmon River and 100,000 smolts into the East Fork Salmon River. Magic Valley FH released 288,000 steelhead smolts into the East Fork Salmon River and 337,000 smolts into Squaw Creek. ABC Seamless replaced damaged siding on well house #6, hatchery building and dorm. New windows for the dorm were installed. A beetle killed lodgepole tree was removed from residence #2 and 70 Verbenone pouches put on trees around hatchery grounds as a metaphylactic aide for beetle control. Chris Starr and McMillan Engineering inspected the adult work up area. Gary Glassing from CTA Electrical Engineering inspected the trap area, adult holding, and visitor center. Nampa FH delivered 1,500 catchable Rainbow Trout.

There were 164 guests that signed the guest register in May. There were no observations of NZMS.