

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

Date October 31, 2007

MEMORANDUM

TO: Tom Rogers
FROM: Sawtooth Hatchery
SUBJECT: Monthly Narrative October 2007

CC: Tom Frew, LSRCP, Doug Munson, Tom Curet, Paul Kline, Brian Leth, Mike Peterson, Sam Sharr, Eagle FH, Pahsimeroi FH, Paul Abbott.

Fish currently rearing on station are as follows:

BY 06 Sockeye	N= 73,963 at 39 fpp and 115 mm
BY06 Sawtooth spring chinook	N=174,603 fry at 22 fpp and 135 mm
BY07 Sawtooth spring chinook	N=306,410 eyed eggs in incubation
BY07 Pahsimeroi spring chinook	N= 977,737 eyed eggs in incubation

BY 06 Sockeye pre-smolts were released into Alturas, Pettit, and Redfish Lake. A total of 9,977 were released into Alturas, 10,113 into Pettit, and 62,015 into Redfish. The remaining 73,963 were moved into small raceways 5 and 6 where they will overwinter and be released as smolts in May 2008. The overwinter group is AD/CWT marked.

BY 06 Sawtooth Spring Chinook are doing well. Their raceways were extended to full length.

BY07 Sawtooth Spring Chinook eggs are in incubation. The first lots are beginning to hatch. First lots to be ponded should happen at the end of November.

BY07 Pahsimeroi Summer Chinook eyed eggs have all been received. 13,643 dead eggs have been removed from this group as blanks.

Other Activities

SFH staff began winterization efforts in October. Informational signs were covered, water valves set to prevent freezing, and public parking lots were

closed. Early in November, the log boom will be put in place and raceway flows set for winter. Early in October, SFH staff performed an after work hours cleanup of an adopted section of highway between Stanley and the Yankee Fork.

SFH submitted the BY 05 chinook and BY 06 steelhead brood year report and the 2007 chinook run report to the Fisheries Bureau. On October 3, the legislative JFAC committee was here for a hatchery tour. The JFAC group discussion included Sockeye and Chinook salmon recovery efforts led by Brent and Salmon Region personnel led by Gary Power on how statewide wildfires have affected wildlife.

A representative of NOAA Fisheries made a visit to the hatchery to gather preliminary information for a complete hatchery evaluation to take place in 2008. A representative of the U.S. Fish and Wildlife Service performed a facility condition assessment of the East Fork facility.

Repairs were made to the broken pipelines leading to control box 5. Tests of the repairs showed no leakage so the pipelines were covered up. While the pipeline repairs were being made, the sedimentation pond had to be de-watered. While de-watered a break in the dike between two of the pond cells was discovered. This was repaired with the use of a track hoe.

Test pumping on the new well #6 provided about 800 gpm of water. During test pumping, it was discovered that the well was 9 feet shorter than it should have been and had it been deeper there was a likelihood of obtaining more water. Discussions were held about re-drilling, however it was decided to leave well #6 as is and to drill another well next summer to supplement well #6 with up to an additional 400 gpm of water. Having more wells providing various amounts of water will give SFH some variability in choosing and operating the wells to match fish rearing needs. While the de-gassing tower for well #2 is not in use, the old de-gassing media (Koch rings) was replaced. The tower was pressure washed, cleaned, leaks fixed, and painted. When well #6 comes on line, plans are to turn off well #1 and refurbish well #1 de-gassing tower too.

After the pipeline repair was complete, SFH had the dug up area and adjacent area re-surfaced with asphalt. Several other small areas around the hatchery had asphalt applied. A drain line in the hatchery building that was clogged was water jetted to remove debris. The drain line appears to be working again.

A radio technician made repairs to the radio in the Durango and to our handheld radios. He provided new batteries and re-cycled the old batteries. Also, the annual backup generator service work was performed.

Brent Snider attended an adult trapping database meeting in Nampa. Mel Hughes and Lars Alsager interviewed for assistant manager positions. Jocelyn Brown and Chris Klingler interviewed for fish culturists positions. Jocelyn, Chris, Roger Elmore, and Erin Madson all traveled to Eagle Fish Hatchery to assist with sockeye spawning. Jocelyn and Erin had their temporary positions end this month. We thank them for a job well done.

There were 66 guests that signed the guest register in October. There were no observations of NZMS.