



United States Department of the Interior



FISH AND WILDLIFE SERVICE

Hagerman National Fish Hatchery
3059 D National Fish Hatchery Road
Hagerman, Idaho 83332

MEMORANDUM

July 12, 2010

TO: ARD-Fisheries
Attn: Rich Johnson, Field Supervisor

FROM: Project Leader, Hagerman NFH

SUBJECT: June Activity Report

PRODUCTION

Steelhead Brood Year 2010

Lot Number	Stock	Number	Total Fish Weight	Size (#/lb)	Length (inches)
131	Sawtooth	1,259,247	715	1761	1.15
132	East Fork Hatchery	175,818	61	2882	0.98

The Hatchery received the remainder of the Sawtooth and East Fork stock eggs. Hatch success was 97.8% over all stocks and 80% of fry are now on feed. Ad clipping and Coded Wire Tagging is scheduled for the week of August 9th. Corie Samson and Kathy Clemens, Idaho Fish Health Center, conducted monthly fish health inspections on June 30th. Kathy and Corie also examined rainbow trout from Hagerman State Fish Hatchery which had skin sloughing conditions similar to what we observed in the Brood Year 2009 steelhead during this past February. Hagerman State FH experienced 70% mortality in one week after noticing the onset of the bluesish-gray haze encircling the dorsal area. The affected raceway had been treated with Aquaflor[®] just prior to the skin-sloughing incident. Feedback to an Idaho Fish Health Center query on this issue to members of the fish health community indicate anecdotal incidents



skin Sloughing at Hagerman State FH

of possible photo-sensitivity of salmonids when treated with Aquaflor®.

The Hatchery Evaluation Team (HET) met on June 30th to discuss several research projects conducted with BY2009, implementation of Hatchery Review Team recommendations, and BY2009 fish health issues. Bryan Kenworthy led off the meeting with an overview of the many issues the Hatchery Evaluation Team is addressing and recommended increased communication and coordination among the participants. During the meeting the Hatchery presented data illustrating periods of low dissolved oxygen concentrations (<5.0ppm) in the effluent of the third deck of steelhead raceways during peak smolt production in March. The Hatchery staff expressed their concerns that this situation may be detrimental to the fish and may impact overall smolt survival. The Hatchery also presented its vision statement to the HET:

WORKING COLLABORATIVELY TO ENSURE VIABLE POPULATIONS OF FISH FOR THE FUTURE

The Hatchery sees this vision as a guide for implementation of the Hatchery Review Team Recommendations and facing future water supply challenges.

Rainbow Trout

Lot Number	Stock	Number	Total Fish Weight	Size (#/lb)	Length (inches)
130	Hayspur	41,526	5,927	7.0	6.76

The rainbow trout continue to do well. Survival since hatch was 95.8% at the end of June.

OPERATIONS:

Richard Hannan, the recently appointed Assistant Regional Director for Fisheries, and Rich Johnson, Fisheries Line Supervisor, met with the Hatchery crew over a barbeque lunch. The visit also included a briefing on the status of the Eastern Snake Plain Aquifer and its affect on the Lower Snake River Compensation Plan steelhead program.

Bryan Kenworthy, Project Leader, teleconferenced with Jim Brannon, Leonard Rice Engineers, to discuss historic Hatchery spring flow data which will now be included in the calibration of the Eastern Snake Plain Hydrologic Model. Mr. Brannon has provided the Hatchery a Google Earth Link which illustrates the Hatchery's many spring diversions.

Bryan Kenworthy traveled to Portland to attend the Hatchery Review Team's (HRT) "Hand Off" meeting. The HRT provided Richard Hannan, Assistant Regional Director for Fisheries, an overview of the HRT report highlighting a number of key findings and recommendations.

Michael Morse and Russ Holder, Boise Ecological Services Office, included a site visit of the Hatchery's Bliss Rapids Snail habitat during their field trip to the Thousand Springs area.

Anna Ray, Fisheries Program Assistant, traveled to Portland to attend the Financial and Business Management System (FBMS) Blueprinting Workshop. Ms. Ray was selected to participate in the blueprinting process as an Implementation Team Member.

The Hatchery contacted Idaho Fish and Game (IDFG) to repair a leak in Bickel Ditch. Bickel Ditch supplies water to the Oster Lakes and irrigation for the Hagerman Wildlife Management Area. Deterioration of the ditch bank has precluded the Hatchery from diverting the full 8.0 cfs water right this year. Dean Grissom, IDFG, repaired one leak near the Hatchery's front gate, only to discover another leak behind Quarters #4. The Hatchery will meet with IDFG in July to discuss options for ditch renovation.

PERSONNEL/TRAINING/SAFETY

The Hatchery had a pizza party and working lunch during the HET meeting to celebrate Kathy Clemens' retirement. (Hope Corie brings the doughnuts).

The Hatchery purchased an explosion proof LED hand lamp to replace the incandescent "trouble light" which had been used in the automotive pit. The "trouble light" was pointed out to us by the OSHA inspector during a recent site inspection.

OUTREACH

Over the years the hatchery has cultivated a relationship with Southern Idaho Tourism group, particularly though our involvement with the Thousand Springs Scenic Byway Committee. In an effort to promote the By-Way the Twin Falls Area Chamber of Commerce produced a "Travel Cast Video" program for its website. The website includes a 3+ minute video dedicated to visiting the Hagerman National Fish Hatchery. Links to this site have also been posted on the Pacific Region website, Twitter, Vidcast, and the Hatchery's website.

http://www.twinfallschamber.com/Twin_Falls_Chamber_of_Commerce/National_Fish_Hatchery.html



The Hatchery crew and volunteers assisted the IDFG at the annual Idaho Free Fishing Day event held at the Hagerman State Fish Hatchery. The event was attended by over 600 happy anglers! Read more at the following link.

← Happy Anglers →



<http://www.fws.gov/hagerman/documents/HATCHERY%20HIGHLIGHTS%206-12-2010.pdf>

The Hatchery totaled 29 volunteer hours in June. Bryce Lindley volunteered 11 hours to help with fish production activities and Free Fishing Day. Miranda Bernier, Tyler Money, and Peggy Kenworthy each volunteered to help with Free Fishing Day.

The Hatchery registered 477 people sign the guest book and an additional 13 guests..One tour was conducted with the Kimberly High School for 15 people. Total visitors were 505.

The Hatchery conducted several interviews with potential AmeriCorps volunteers for a Visitor Services Assistant position. Unfortunately, funding issues for the LINKS AmeriCorps sponsorship meant the Hatchery's AmeriCorp position could be cut. The Hatchery is currently on a waiting list with another AmeriCorp sponsor and is also investigating options to establish a cooperative agreement for a Visitor Services Assistant with the College of Southern Idaho and Boise State University.

MAINTENANCE

- Contractor completed Raceway joint repair
- Contractor replaced quarters 5 and quarters 7 driveways
- Excavated quarters 5 and 7 sprinkler valves and pipe for driveway repair
- Put 2' conduit under new driveway concrete for sprinkler lines and future projects
- Conducted domestic water system quarterly bacteria test
- Damed and pumped steelhead raceway bottom deck tailbox for expansion joint repair
- Pushed fresh air into pumpback vault and Hatch 2 valve box to enter confined space safely
- Installed new belts on Swisher rough cut mower
- Mowed tumbleweeds at quarters 7
- Helped crew clean boneyard
- Cleaned shops
- Replaced quarters 5 and quarters 7 sprinkler valves, boxes and lines
- Sanded and cleaned quarters 5 domestic water check valves
- Tested computer line to new multi function copy machine
- Installed new faucet in quarters 4 and quarters 5
- Troubleshoot gate, found battery failure
- Finished open/closed fish signs for Hatch 1 and Hatch 2
- Cut off toe rail and started new handrail on 319 fish transport
- Wired new plug on hazardous location drop light
- Cut off broken branches above driveway at quarters 6
- Lubed domestic water building locks



Q7 Driveway Repair