



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 6, 2012

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

FROM: Bob Turik, Acting Project Leader, Hagerman NFH

SUBJECT: June, 2012 Activity Report

PRODUCTION

Steelhead Brood Year 2012

Lot Number	Stock	Number	Total Fish Weight	Size (#/lb.)	Length (inches)
137	Sawtooth	1,313,749	962	1,365.6	1.26
138	East Fork Hatchery	175,108	72	2,432.1	1.04

The Hatchery received the last of Brood Year 2012 eggs from Sawtooth Fish Hatchery this month. The last Sawtooth lot was received on 6/14/2012 and the last East Fork lot was received on 6/21/2012. Overall hatch rate for all stocks was at 98.1% and 87% of all fry are now on feed. Adipose fin clipping, coded wire tagging, and outdoor ponding is scheduled to start August 15th, with the marking crew returning to finish up on September 4th to finish up those fish that were too small to mark the first week.

Before marking, fish will be vaccinated for furunculosis when they reach 400 fpp and will receive a booster at 200 fpp. Last year the Hatchery used a 100% autogenous vaccine, however, this year a 75% autogenous and 25% stock vaccine will be used in an attempt to have a more robust effect.

The Idaho Fish Health Center (IFHC) detected *Nucleospora salmonis* in four brood female and seven brood males from which the Hatchery received eggs. The tanks stocked with eggs from those parents currently are not experiencing any higher mortality rates than the other tanks.

Individual spawns are shipped in "egg tubes" so the Hatchery can track individual parents for parental based tagging efforts →



Rainbow Trout

Lot Number	Stock	Number	Total Fish Weight	Size (#/lb.)	Length (inches)
136	Hayspur	42,781	7,160	6.0	7.08

The rainbow trout continue to do very well with only 0.03% mortality in June. Fish were shipped to the IFHC for monthly sampling. One out of ten fish had light gas bubbles compared to last June in which five out of seven fish had moderate to heavy gas bubbles in the gills. The degas system continues to work well with dissolved nitrogen levels remaining at or below 98%. The Hatchery is not sure if the gas bubbles found in the sampled fish were remnant from being in the hatchery tanks or from an 8 hour power loss shutting down the degas system earlier this spring.

OPERATIONS

On June 25th, Derek Nelson, McMillen, LLC, arrived for a 50% design review meeting for the Hatchery degassing/ Oxygen Injection plan. During this meeting several decisions were finalized on best procedures for dewatering the main line to allow for welding and attachment of valves.

The location and installation of the Hatchery Recirculation System project was also discussed. That project has been approved and will allow us to run a pilot project to raise approximately 90K steelhead to 5 fpp on about 3 cfs of water. The design will utilize 3- 26 foot x 6 foot deep circular tanks.

PERSONNEL/TRAINING/SAFETY

Steve Money, Maintenance Mechanic, traveled to Kennewick, WA to attend the ATV/UTV Train-the-Trainer program.

Jeremy Trimpey, Fish Biologist, provided two tailgate safety sessions to the crew dealing with bold borne pathogens and UV light safety.

Damian Hainer, a CSI aquaculture student, took over as our CSI intern in early June. He will replace Shaun Ackley who has moved on to other opportunities. Damian will soon complete his aquaculture program at CSI and intends on continuing his education at possibly the Univ. of Idaho.

COORDINATION

Bob Turik, Acting Project Leader, and Jeremy Trimpey, traveled to Clarkston, WA to attend the Lower Snake River Compensation Plan Steelhead Review meeting.

Hosted Biology 101 student.

OUTREACH



Our 14th Annual Free Fishing Day was another awesome year to “Get Hooked on Fishing”. Cooperative efforts of Hatchery staff along with the Idaho Department of Fish and Game / Hagerman State Fish Hatchery and several co-sponsors registered 514 anglers. Regardless of the windy, cold, weather conditions, about 16% of the registrants were new anglers and many from out-of-state. Local Boy Scout Troops helped with lunch and the local BassMasters provided a casting clinic.

The Hatchery provided 8 guided tours to several groups including: Fore Travel Tours, 2 summer library programs, Cub Scouts, Boys & Girls Club, DL Evan Seniors, a day care, and a community partnerships program. Guided tours totaled 1,200 visitors with the guest registry recording an additional 427 people and Free Fishing Day registered 514 participants. Therefore, June’s outreach contacts totaled 2,141 people.

Our Volunteer Task force was highly valued this month with all of our activities. Amy Turik provided 15.5 hours and our Volunteer Hosts, Terry and Alice Esslinger, recorded 303 hours. Additionally, we had several volunteers for Free Fishing Day equaling 25 hours for a monthly total of 343.5 hours.

MAINTENANCE

- Quarterly bacteria test of domestic water system
- Grease Oster pumps and irrigation/fire suppression pump.
- Acid wash ice machine.
- Repaired security light in employee parking
- Repaired sprinklers.
- Installed new safety decals on Manlift.
- Installed pressure gauge on irrigation/fire suppression line.
- Repaired drip line on trees behind Quarters 6 & 7.
- Conducted ATV/UTV training at Mid-Columbia NWR in Burbank WA.
- New tires on Grasshopper lawn mower.
- Sprayed garlic around Quarters and Picnic area for mosquito abatement

