



United States Department of the Interior



FISH AND WILDLIFE SERVICE

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

MEMORANDUM

February 10, 2009

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

FROM: Project Leader, Hagerman NFH

SUBJECT: January Activity Report

PRODUCTION

Steelhead Brood Year 2008

Lot Number	Stock	Number	Total Fish Weight	Size (#/lb)	Length (inches)
124	Sawtooth	1,066,023	123,668	8.6	6.79
125	Pahsimeroi	200,955	29,148	6.9	7.32
126	Clearwater B	199,187	28,022	7.1	7.24

The Hatchery sent steelhead samples to the Idaho Fish Health Center on January 6th. The Clearwater stock samples tested positive for Coldwater disease. The Hatchery received a Veterinary Feed Directive from Guppy Blair, Idaho Fish Health Center, and placed the 9 Clearwater raceways on a 10-day Florfenicol treatment. This treatment suspended the ongoing feed experiment between the Hagerman diet and the Rangen EXSL 470 diet. The treatment will conclude in early February and the Hatchery will resume the feed experiment. Kathy Clemens, Idaho Fish Health Center, completed monthly fish health exams on January 28th.

PIT tagging was completed January 6-8th. The Idaho Fish and Game (IDFG) PIT tagged 26,900 smolts. The Hatchery rented an off-road fork lift to deal with the snow and ice conditions around the raceways for moving the transport tank and the dewater tower. The Hatchery crew used the 4-inch fish pump and dewater tower for moving smolts into the trailer. The system worked well, however, in the future the Hatchery may try pumping the





smolts directly into the trailer and utilizing the trailer’s dewatering system. Utilizing the trailer’s dewatering system will reduce the time the fish are dewatered before entering the trailer tanks.

Although the PIT tagging process went much more smoothly this year by starting a month earlier, the Hatchery again had problems with the Clearwater B stock two to three weeks after PIT tagging. The stress of crowding and moving the smolts may be the final straw for the health of the Clearwater B’s at

the Hatchery. Future PIT tagging operations should consider moving PIT tagging even earlier in the year to October, or avoiding the Clearwater B stock altogether.

Rainbow Trout

Lot Number	Stock	Number	Total Fish Weight	Size (#/lb)	Length (inches)
127	Hayspur	135,590	51	3119	0.93

The Hatchery received triploid Rainbow Trout eggs from Hayspur Hatchery on January 6th. The eggs had a 92.6% hatch rate.

OPERATIONS

The Hatchery’s total water supply decreased by one cfs to 74.2 cfs in January which is 0.5 cfs lower than the January 2007 level of 74.7 cfs.

Under the Idaho Power Company Energy Efficiency program, Steve Money, Maintenance Mechanic, began a retrofit of the ballast and bulb replacement of fluorescent light fixtures (T-12 to T-8) in the Administration Building, Hatchery 1 office, and Hatchery 1 tank area. Installation of motion activated light switches in the Visitor, Hatchery 1, and Administration bathrooms was included as part of the project. This conversion is anticipated to reduce light energy consumption by up to 25%. An estimated 80% of the cost of the materials (~\$1800) will be funded under the program. The Hatchery boxed the T-12 bulbs and ballasts for shipment to a recycling center.



The hatchery took delivery of a used 2003 Caterpillar, 420D, 4x4, Backhoe with 4-in-1 bucket. This machine had been used in a municipal roads maintenance district and had only 1700 hours of operation. The vendor took the 1972 Case model 580c in trade. For information and tips on purchasing used equipment, contact Anna Ray or Steve Money.

←“New to Us” backhoe

COORDINATION

Anna Ray, Fisheries Program Assistant, attended the SAMMS Conference call hosted by Paul Hayduk, Region 1 SAMMS Coordinator.

Todd Fenzl, FWS Zone Law Enforcement Officer, was on station during the closure of the traffic control fences.

Bryan Kenworthy, Project Leader, traveled to Walla Walla, WA to participate in the Hatchery Review Team meeting with the Washington State LSRCP cooperators.

Nathan Wiese, Assistant Project Leader, traveled to Kooskia NFH for work on the Station Security Committee and conducted palatability tests on the local steelhead runs.

Anna Ray attended monthly Federal Green Challenge Web Academy conference training entitled "Transportation Alternatives 101".

Nathan Wiese attended a Marking/Production coordination meeting hosted by the Idaho Department of Fish and Game. The meeting focused on improving coordination between the Hatchery, IDFG, the Lower Snake River Compensation Plan office, the Idaho Power Company, the Shoshone Bannock Tribes, and Nez Perce Tribes. The Hatchery also met with Sam Sharr, Anadromous Fish Coordinator, IDFG, about a steelhead production swap with Magic Valley Fish Hatchery. Although a decision was not finalized, the Hatchery will likely shift Dworshak "B" and Pahsimeroi "A" production to Magic Valley Fish Hatchery starting with BY2009. The Hatchery will focus on rearing Sawtooth "A" steelhead destined for the Salmon River and the Yankee Fork (U.S. v Oregon) and will also rear the East Fork Natural steelhead (ESA listed).

PERSONNEL/TRAINING/SAFETY

Adam Leija, Animal Caretaker attended New Employee Foundations at NCTC.

Jeremy Trimpey, Fish Biologist, led the annual National Pollution Discharge Elimination System (NPDES) training for the Hatchery's Best Management Practices (BMP's) and Quality Assurance (QA) plans. This training meets the Environmental Protection Agency (EPA) requirements under the NPDES permit.

OUTREACH

The Hatchery hosted several volunteers, including Carrie and Cheri Baker and Kelly Kast, from the College of Southern Idaho to fulfill a biology course requirement. Carrie, Cheri, and Kelly volunteered 38 hours in January.

The Hatchery donated several rainbow trout to the Hagerman High School biology class. The fish were used for a biology lab dissection.

The Hatchery transferred 1,320 rainbow trout at 1.76 fish per pound to Hagerman State Fish Hatchery for release at the LQ kids fishing pond in Filer, Idaho. These trout were remaining from the rainbow trout used for outreach projects throughout the winter months.

The Hatchery had 58 registered visitors and 7 guests for a total of 65 visitors during December.

MAINTENANCE

- Vendor here to perform semi-annual NFPA-72 fire alarm inspection.
- Callen Refrigeration repaired the visitor center heat pump.
- Welded above ground handle for chiller system drain.
- Plowed snow.
- Cleaned up gravel from Riley Creek area.
- Removed big rocks at Oil house.
- Repaired demand feeder lids.
- Giltner Truck Repair finished removing insulation from frame, sandblasted and repainted all steel parts on 469 Fish Transport.
- Installed new battery in PIT tag reader.
- Wired new Passive Infrared Motion sensor light switches in all restrooms and began the T-12 to T-8 fluorescent light changeover as an energy conservation measure.
- Fastened wheels on pond scrubber to eliminate wheel damage.
- Removed old brushes and welded new brushes on pond scrubber axles.