



United States Department of the Interior



FISH AND WILDLIFE SERVICE

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

MEMORANDUM

April 26, 2007

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

FROM: Project Leader, Hagerman NFH

SUBJECT: March Activity Report

PRODUCTION

Steelhead Brood Year 2006

Lot Number	Stock	Number	Total Fish Weight	Size (#/lb)	Length (inches)
115	Clearwater B	195,710	40,265	4.86	8.22
116	Pahsimeroi	45,369	10,082	4.50	8.44
117	Sawtooth	1,060,147	225,875	4.69	8.32

The Hatchery started steelhead distribution this month stocking fish at the Stinky Springs site on the Little Salmon River. Fish distribution will continue into early May. The fish size at release is on schedule. The Idaho Department of Fish and Game personnel performed retention checks on the four Sawtooth raceways which have been marked with coded wire tags.

Rainbow Trout (Dworshak Reservoir Mitigation)

Lot Number	Stock	Number	Total Fish Weight	Size (#/lb)	Length (inches)
118	Hayspur KT Rainbows	86,689	2,200	39.4	3.78
119	Hayspur KT Rainbows	59,211	405	146	2.40

The Lot 118 Rainbow Trout were moved to the Trout Raceways on March 7th. The Lot 119 Rainbows will be moved to the Steelhead Raceways in early April. Rainbow mortalities are low and fish health appears good. Lot 118 will be stocked in Little Camas Reservoir in early May.

OPERATIONS

Researchers from the University of Idaho (UI) and the US Geological Survey (USGS) conducted studies to evaluate the efficiency of using the Krebs Engineering Hydrocyclone® to remove New Zealand mudsnails from a Hatchery water supply. Preliminary tests indicate this device may be an effective means for removing this aquatic nuisance species from a water supply. A report on the test may be obtained by contacting the Hatchery. This summer, Jordan Nielson, UI graduate student, will be onsite to conduct more rigorous studies. Dr. Christine Moffitt and Dr. Barnaby Watten, both USGS Scientists, are responsible for project oversight. The project is jointly funded between the Service's Aquatic Nuisance Species program and the Lower Snake River Compensation Plan.



Improved Stinky Springs Site



Installing the Hydrocyclone

COORDINATION

The Hagerman Hatchery Evaluation Team (HET) convened a meeting on March 22. Topics included a discussion of the Production Capacity Assessment results and future plans to conduct a coded wire tag study to evaluate the hatchery's carrying capacity. Ray Jones, Idaho Fisheries Resource Office, and Chris Harrington, Idaho Fish and Game, will develop a statistical design for the study which will compare smolt to adult survival rates between the upper and lower decks of raceways. The HET will meet again on June 6th.

Bryan Kenworthy, Project Leader, continues to work with the BLM on the Thousand Springs Aquifer Enhancement and Protection project. He also attended the Idaho Water Resources Board meeting on April 8th.

Hatchery staff participated, via teleconference, in Fish and Wildlife Service Director, Dale Hall's message to employees.

Travis Collier and Shaun Love, Leavenworth National Fish Hatchery (NFH), were on site for three days to learn how we address the EPA's National Pollution Discharge Elimination System permit requirements. Nathan Wiese, Fish Biologist, demonstrated water sampling techniques, reporting requirements, and reviewed several required documents including: Best Management Practices, Quality Assurance Plan, Discharge Monitoring Reports, and the Annual Report of Operations. The Hatchery provided copies of these documents to the Leavenworth NFH staff.

Bryan Kenworthy and Nathan Wiese traveled to Boise to attend the annual Lower Snake River Compensation Plan Cooperators meeting.

Brian Clifford, Motor Vehicle Operator, led a meeting for the contract drivers in preparation for the distribution season.

PERSONNEL/TRAINING/SAFETY

Anna Ray, Fisheries Program Assistant, traveled to Bend, Oregon to attend the two-week "CON120 Mission Support for Contracting" to maintain the Hatchery's Level 1A warrant.

Steve Money, Maintenance Mechanic, and Brian Clifford had physicals to retain their CDL licenses in order to perform duties listed in their Position Descriptions.

New First Aid kits were purchased for all vehicles and buildings.

OUTREACH

Steve Money and Eric Willet, Motor Vehicle Operator, traveled to Boise to assist with the US Fish & Wildlife Service booth at the annual Sportsman's Show.

The Hatchery had 389 visitors sign the guest registry, no formal tours were given this month.

MAINTENANCE

Vehicles and Equipment

- Installed PVC UV protected caps on the automated feed delivery system to prevent moisture from entering the system.
- Serviced and set out the Mosquito Magnet units.
- Repaired the automated feed system on upper deck raceways.
- Repaired leaky air brake fittings on 469 fish transport.
- Helped plumb Hydrocyclone and welded stands and brackets to support plumbing.
- Replaced air tank bleeder valves on the 3 fish transports.
- Replaced knife gate supply valve on 469 fish transport.
- Replaced electric air horn valve on 469 fish transport.
- Repaired leaky or cracked oxygen fittings on all 3 fish transports.
- Tested life support systems on the 3 fish transports.
- Replaced faulty contact relay on 480 fish transport.

- Replaced faulty aerator switches on 319 and 480 fish transports.
- Replaced faulty bulb and ballast for visitor center ladies rest room entry way.

Buildings and Grounds

- Conducted quarterly bacteria sampling of domestic water system.
- Developed new chilled water system SOP's.
- Welded crack in Spring 17 pipeline.