



# United States Department of the Interior



## FISH AND WILDLIFE SERVICE

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

### MEMORANDUM

June 21, 2010

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

FROM: Project Leader, Hagerman NFH

SUBJECT: May Activity Report

### PRODUCTION

#### Steelhead Brood Year 2009

Lot Number	Stock	Released Number	Total Weight Released	Size (#/lb)	FCR	Survival
128	Sawtooth	1,290,915	291,425	4.43	1.08	91.5%
129	East Fork	120,918	27,830	4.34	1.08	77.3%*
<b>Total</b>		<b>1,411,833</b>	<b>319,255</b>	<b>4.42</b>	<b>1.08</b>	<b>90.0%</b>

\* 23,531 EF's were lost on 8/23/2009. Survival without accident: 92.3%

The Hatchery finished steelhead distribution on May 12. Releases between May 5 and 12 were made into the Yankee Fork acclimation ponds. Cold temperatures during this period reduced flow in the river, subsequently lowering water level in the acclimation pond which caused smolts to be temporarily trapped in the pond. Fortunately, warmer temperatures and work by the Shoshone Bannock Tribes' Fish and Wildlife staff restored flow into the acclimation ponds. The smolts were migrating out of the pond by May 17.

The Hatchery had a great group of drivers this year. Thanks again to Butch, Greg, and Marlinda for their dedication and the safe smolt transport.

The Hatchery sent steelhead samples to the Idaho Fish Health Center to test for *Nucleospora salmonis*. Several fish were positive by PCR and follow-up tests are being conducted.



Steelhead Brood Year 2010

<b>Lot Number</b>	<b>Stock</b>	<b>Number</b>	<b>Total Weight</b>	<b>Size (#/lb)</b>	<b>Length (inches)</b>
<b>131</b>	<b>Sawtooth</b>	<b>395,083</b>	<b>98</b>	<b>4031</b>	<b>n/a</b>
<b>132</b>	<b>East Fork</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

The Hatchery received several shipments of eyed eggs from Sawtooth Fish Hatchery. East Fork Hatchery stock eggs will be received in June. All eyed eggs were shipped in “egg tubes” to keep pairs of females separate for Parental Based Tagging (PBT) efforts. BY2010 is a trial run of PBT methodologies to determine what Monitoring and Evaluation may be feasible using PBT technology.

Rainbow Trout

*Rainbow Trout Distribution*

<b>Lot Number</b>	<b>Release Site</b>	<b>Released Number</b>	<b>Total Weight Released</b>	<b>Size (#/lb)</b>	<b>Length (in)</b>	<b>Survival (Hatch to Release)</b>
130	Snake River – Tilden Bridge	37,469	2,915	13	5.5	95.8%
130	Lucky Peak Reservoir	37,625	2,505	15	5.3	95.8%
<b>Total</b>		<b>75,094</b>	<b>5,240</b>			

The Hatchery coordinated with the Idaho Department of Fish and Game (IDFG) to determine release locations for the Dworshak Dam mitigation rainbows. The trout were released May 24<sup>th</sup> and 25<sup>th</sup>. This program is an in-kind exchange with the IDFG Nampa Hatchery. Nampa releases trout at Dworshak Reservoir and the Hatchery coordinates to fill release requests in southern Idaho. The sub-catchable release number was lower than the program goal (90,000) because of lower than anticipated hatching rates (81%).

*Rainbow Trout On Station*

<b>Lot Number</b>	<b>Stock</b>	<b>Number</b>	<b>Total Fish Weight</b>	<b>Size (#/lb)</b>	<b>Length (inches)</b>
<b>130</b>	<b>Hayspur</b>	<b>41,575</b>	<b>3,635</b>	<b>11.4</b>	<b>5.71</b>

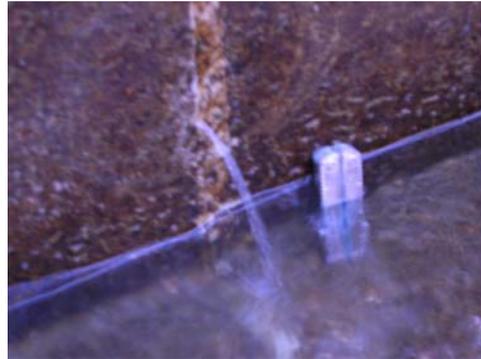
The Hatchery retained trout from Lot 130 to meet the 40,000 catchable trout release goal. The trout were inventoried and split into four trout raceways for rearing. Releases are tentatively scheduled for early October.

## **OPERATIONS**

Jeremy Trimpey, Fish Biologist, traveled to Spring Creek NFH to attend NPDES training.

Nathan Wiese, Assistant Project Leader, traveled to LSRCP Office to meet with IDFG and LSRCP staff to discuss the good, bad, and ugly of fish loading operations using the PIT Array device.

The Hatchery de-watered the Steelhead raceways and found several substantial leaks in the sikoflex caulking. Water had accumulated under the roadways through the expansion joints and was draining into subsequent decks of raceways. The Hatchery put together an emergency Scope of Work to hire a contractor to remove and replace the expansion joint caulking during late June.



Expansion Joint Leak

## **COORDINATION**

Bryan Kenworthy, Project Leader, attended the ribbon cutting ceremony in Bliss for the Thousand Springs Scenic Byway visitor kiosk. Mr. Brad Little, Lieutenant Governor, did the honors of cutting the ribbon.

Bryan Kenworthy signed the Wildland Fire, Annual Operation Plan with the Bureau of Land Management.

Anna Ray, Fisheries Program Assistant, met with Connecting Students to Hagerman Resources cooperators; National Park Service, Hagerman Fossil Beds, and the Idaho Department of Parks and Recreation, Thousand Springs State Park. Topics discussed included program success and receipt of additional funding from the Fish and Wildlife Service and Hagerman I.D.E.A..

Bryan Kenworthy and Anna Ray met with Hagerman I.D.E.A. board members and Wendy Janssen, Hagerman Fossil Beds Superintendent, to discuss Memorandum of Understanding and Cooperative/Grant agreements that would be updated to include the Connecting Students to Hagerman Resources program.

## **PERSONNEL/TRAINING/SAFETY**

The Hatchery had a surprise OSHA Inspection. The inspector was very impressed with the hatchery's safety program, particularly with the Hatchery's MSDS binders displayed in each building as part of the HazCom program. The issue of walking on the raceway walls was discussed in depth with several of the staff. The final inspection results are still pending.

The contractor finished installation of the safety rails around the Hatchery #2 loading dock. The Hatchery staff worked with Marv Henry, Region 1 Engineering, to design a swinging safety rail gate across the loading section of the dock. The staff is very happy with the swinging gate because it is much easier to use than the lift-out design of other railings.

Loading Dock Gate →



## OUTREACH

April was a good month for the Connecting People With Nature (CPWN) program. The Hatchery hosted school groups from Buhl Poppelwell Elementary, Boise First Students, Twin Falls Lighthouse, Twin Falls Wings Charter, Boise Riverstone International, Jerome Horizon, Hagerman Elementary, Kimberly, and Buhl preschools. The Hatchery also hosted the 16<sup>th</sup> year of Hatchery Activities With Kids (HAWK) program and participated in the annual Hagerman Fossil Days Parade. The 10 outreach and tour activities resulted in contacts with 1,415 individuals. The Hatchery also had 320 registered visitors and 6 guests for a total of 1,715 contacts in May.

The Hatchery received funding from Region 1 Fisheries Program to pursue a volunteer position. The Hatchery is working with several AmeriCorp sponsor groups to recruit volunteers for this fall.

The Hatchery had 57 volunteer hours in May. Bryce Lindley volunteered 7 hours to help with fish production activities. Ashley and Clint Clifford volunteered 4 hours each to help with the Hagerman Fossil Days Parade. Jackie Hawks, Jill Joseph, Ned Swisher, Petrena Thompson, and Adolph Hood volunteered with steelhead Distribution.



Hagerman Fossil Days Parade



HAWK Program

## MAINTENANCE

- Installed new locks on Flammable Building and Old Oil House
- Welded new 45 watt solar panel on hatchery security gate control house
- Wired in new voltage controller to new solar panel on gate control house
- Fastened new staff gauge to spring 13 water collection box
- Refinished Quarters 5 fish nameplates
- Made new fish nameplate for Quarters 6
- Removed old brushes and welded new ones on pond scrubber axles
- Installed A-1 cores in Hatch 2 locks
- Moved traffic security blocks back into place
- Welded broken exhaust manifold on pond scrubber
- Replaced broken lever return spring on pond scrubber
- Welded reinforcement on grasshopper deck
- Installed new pull rope on pressure washer
- Installed new wire feed welding gun on welder
- Installed door stops at Hatchery #2 building
- Took fish tanker to local truck repair shops to get bids for new air lines and spring brake air cans
- Cleaned and repaired quarters rain gutters
- Leveled and anchored new flammable building
- Mowed fire line
- Moved all flammables from old oil storage building to new flammable building
- Excavated Quarters 7 sprinkler systems for upcoming new driveway project
- Completed quarterly bacteria test samples on domestic water system
- Wired in new security gate circuit board
- Contractors completed Spring 13 cover and Hatchery 2 work



Spring 13 Cover



Hatchery 2 Re-Roof

