



# 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 10, 2009

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

FROM: Project Leader, Hagerman NFH

SUBJECT: March Activity Report

### PRODUCTION

#### Steelhead Brood Year 2008

Lot Number	Stock	Number	Total Fish Weight	Size (#/lb)	Length (inches)
124	Sawtooth	1,052,475	203,452	5.2	8.05
125	Pahsimeroi	133,638	30,175	4.4	8.48
126	Clearwater B	172,095	42,633	4.0	8.75

Kathy Clemens, Idaho Fish Health Center, completed pre-release fish health exams on March 16<sup>th</sup>. Steelhead distribution started on March 30<sup>th</sup>. The Hatchery delayed distribution by 5 days because of snow at the Stinky Springs release site on the Little Salmon River. Only two distribution trucks hauled on March 30<sup>th</sup> due to a brake failure of the contractor's tractor.

All stocks were treated with a 10-day Aquaflo® medicated feed treatment at 1816 g/ton at a 0.5% daily feeding rate starting on March 4<sup>th</sup>. The treatment was successful at reducing mortality which was due to Coldwater and Frunculosis epizootics. The Hatchery crew was relieved that recovering PIT tag duties dwindled significantly.



Stinky Springs 3/16/09 – Ralph Steiner IDFG



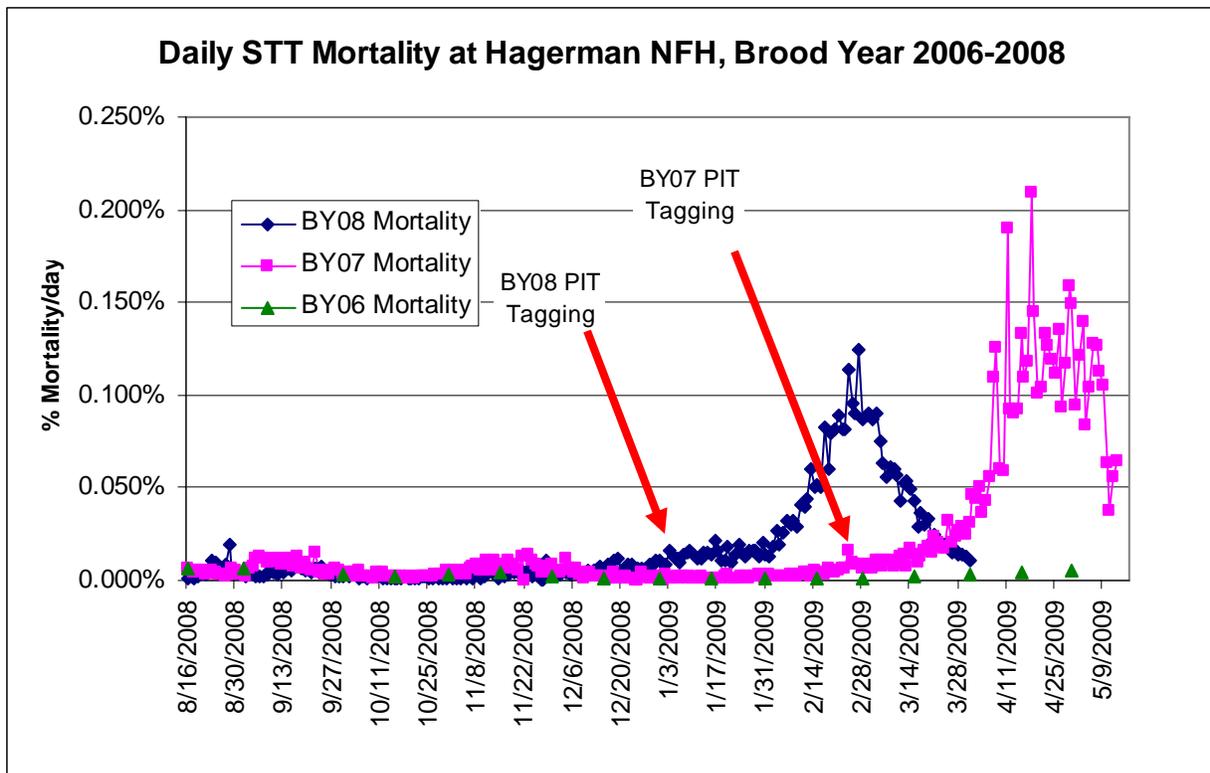
1,783 Recovered PIT Tags



Hand Feeding Aquaflor® Medicated Feed



The BY2008 mortality pattern in all stocks was strikingly similar to the BY2007 mortality relative to time of PIT tagging. Mortality for both BY2007 and BY2008 increased 4 weeks after tagging and peaked 53 days post tagging. The drop in mortality rate for BY2008 was due to a successful treatment with Aquaflor®. The BY2007 fish were not treated. Although it appears in the graph below that the mortality rate declined for BY 2007, this is an artifact created by fish being transported off station for release (distribution started on 3/31/08). The BY2006 spring mortality patterns were negligible. In BY 2006  $\approx$  1,500 fish were PIT tagged as compared to BY2007 and FY2008, when  $\approx$  30,000 were tagged both years.



## Rainbow Trout

<b>Lot Number</b>	<b>Stock</b>	<b>Number</b>	<b>Total Fish Weight</b>	<b>Size (#/lb)</b>	<b>Length (inches)</b>
<b>127</b>	<b>Hayspur</b>	<b>133,919</b>	<b>1,540</b>	<b>85.0</b>	<b>2.92</b>

Fish health remains excellent. Spring fingerling releases will occur in mid-May.

## **OPERATIONS**

Bryan Kenworthy, Project Leader, and Nathan Wiese, Assistant Project Leader, attended the annual Lower Snake River Compensation Plan meeting in Boise.

Nathan Wiese presented a HACCP case study during the Aquatic Nuisance Species (ANS) session of the Idaho American Fisheries Society meeting. The ANS session was led by Paul Heimowitz, FWS Region 1 ANS Coordinator.

Tyler Marriott, Region 1 IT Security Manager, visited the Hatchery to replace and install 5 new computers. The desktops and one laptop were purchased by the Region 1, Information Resource Management office.

Bryan Kenworthy traveled to Walla Walla, WA to attend the monthly Hatchery Review Team (HRT) committee meeting.

Idaho Department of Fish and Game (IDFG) completed Coded Wire Tag retention and Ad Clip quality checks on March 2<sup>nd</sup>.

## **COORDINATION**

Bryan Kenworthy attended the Water District 36A annual meeting.

Bryan Kenworthy met with Dr. Jose' Alejandro Medina Gandara, Francisco Nieto Sanchez, and Jose' Luis Damas Aguilar from the Acuicda Management Center, Mexico. The group was visiting a number of fishery facilities in the United States, including Ennis National Fish Hatchery, in an effort to learn about rainbow trout stocks they could use in their country's restoration efforts. They indicated that most of their county's native trout have been extirpated. Nathan Wiese and Adam Leija, Animal Caretaker, gave the group a tour of the facility.

Bryan Kenworthy met with Jerome Hansen, Magic Valley Regional Supervisor, IDFG, to discuss the long standing Cooperative Agreement between the Service and IDFG to manage Service lands associated with the Hagerman Wildlife Management Area (WMA). Included in the discussion was a briefing on management of water diversions from Len Lewis Spring under the SRBA stipulated agreement and the proposal to rent water from the Brailsford Ditch Association. The IDFG diverts water from the Brailsford Ditch to irrigate the WMA. Jerome recently replaced Dave Parrish as the Regional Supervisor and, early in his professional career, worked at the Service's Boise field office.

Bryan Kenworthy, Anna Ray, Fisheries Program Assistant, and Nate Wiese participated in a conference call with regional office staff to begin formulating a strategy to address the removal of the Hatchery #1 demolition debris from a private landfill.

## **PERSONNEL/TRAINING/SAFETY**

Miles Mullenix, College of Southern Idaho student, started his internship under a long standing partnership.

The Hatchery crew received the 2<sup>nd</sup> of three consecutive Hepatitis B shots.

The Hatchery crew completed Annual Safety Orientation and Training to fulfill the requirements of the Station Safety Plan. The Hatchery also submitted the annual safety review checklist to the Assistant Regional Director.

Jeremy Trimpey, Fish Biologist, and Adam Leija continued to work on the annual chemical and MSDS inventories for all buildings.

## **OUTREACH**

The Hatchery hosted a tour for the Declo Boy Scout Troop, had 248 registered visitors, and 7 guests for a total of 270 visitors during March.

Kelly Kast, CSI biology student, volunteered 8 hours in March.

Oster Lakes #1 opened for fishing on March 1<sup>st</sup>. The Opening day was a busy event.



## **MAINTENANCE**

- Inspected brakes, air lines, and all undercarriage parts on the three fish transport trailers.
- Lubed and adjusted brakes on the three fish transports.
- Tested life support systems and repaired leaking oxygen fittings on all three fish transports.
- Backflushed chiller system and tested all components.
- Rewired float system for chilled water tank after discovering short-circuits.
- Replaced roadside generator on 469 fish transport.
- Changed oil, fuel, and oil filters on the six fish transport generators.
- Conducted annual quarters safety inspections with each tenant.
- Conducted annual safety inspections for apartment, shops, and Hatchery 1 offices.
- Sprayed ash trees with dormant spray (non herbicide) to control insect infestations.
- Replaced smoke detector's in Quarter #7.