



# United States Department of the Interior



## FISH AND WILDLIFE SERVICE

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

### MEMORANDUM

December 6, 2012

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

FROM: Bob Turik, Assistant Project Leader, Hagerman NFH

SUBJECT: November, 2012 Activity Report

### PRODUCTION

#### Steelhead Brood Year 2012

Lot Number	Stock	Number	Total Fish Weight	Size (#/lb.)	Length (inches)
137	Sawtooth	1,187,600	69,986	17.0	5.42
138	East Fork Hatchery	156,074	7,478	20.9	5.06

Overall fish health in the steelhead raceways is excellent with survival for the month of November at 99.92%. One raceway of Yankee Fork fish on first use water was treated with a three day potassium permanganate treatment for issues associated with fungus located on the tail.

PIT tagging occurred during the first full week in November by Pacific States Marine Fisheries Commission. Tagging went very well this brood year. A whole week was scheduled for tagging, but the marking crew got all 31,400 PIT tags in the smolts in just over two days.

Corie Samson, Idaho Fish Health Center, was here on the 29<sup>th</sup> to perform monthly fish health diagnostics.

#### Rainbow Trout

There are currently no rainbow trout on station. The Hatchery has coordinated with Hayspur State Fish Hatchery to pick up 150K triploid eggs on the first week of January 2013. The Hatchery crew replaced all dam boards and wedges in the trout raceways in preparation for the upcoming production season.

## OPERATIONS

Mike Carrier, Region 1 ARD, and Mike Oetker, Region 2 ARD Fisheries, stopped by the Hatchery for an informal visit. Mike and Mike were given a tour of the hatchery and a briefing on the projects that are underway to improve water quality. Mike Carrier also took the opportunity to visit with the crew and give a quick update as to Region 1 news.

Carla Burnside, Malheur National Wildlife Refuge, Regional Archaeologist, dropped by on November 8<sup>th</sup>.

Leaves continued to plug intake screens throughout the month. Several nights involved multiple trips to clean off intakes. Installation of rotating screens may need to be considered in the future.



**EE/CA:** Craig Eaton (Hagerman NFH's new Project Leader) and Bob Turik (Assistant Project Leader) attended a conference call with Carlton Morris (Region 1 Environmental Compliance Coordinator), Nathalie Doherty (DOI Office of the Solicitor) and GeoEngineers Inc. who are the contractors performing the EE/CA (Engineering Evaluation/Cost Analysis). This call was to establish the course of action to complete the EE/CA to evaluate cleanup alternatives for the demolition debris on the Lemmon's property.

### **Recirculating System:**



Bob Turik and Steve Money traveled to Wenatchee Wa. with Chris Starr LSRCP to visit the Chelan Public Utility Department East Bank Facility. This facility operates a reuse system similar to the one Hagerman will be installing. Mike Brown (Five Rivers Const.) who was awarded the construction project, along with two representative from PR Aqua also attended.

This provided an opportunity to see a functioning system similar to the system that will be placed at Hagerman. The Chelan PUD staff provided a very beneficial tour of the facility and was very helpful and eager to discuss their success with the system.



The hatchery staff also conducted an on-site visit with Chris Starr (LSRCP), Joe Brown and Mike Lee of Five Rivers Construction. The meeting was a preconstruction meeting that included inspection of the site and development of an initial timeline for getting the project started.

**Steelhead Raceway Oxygen Injection:** The concrete pad for the Point Four oxygen injection system on the Steelhead raceways was poured. The 6'inch supply line running from the newly installed valve next to Hatchery 2 is in place and awaiting connection to the O2 Tower when it arrives. Once installed, the tower will provide oxygen injection to the middle and lower decks of the raceways during the last few months of rearing when our oxygen has historically been lower than desired.

**Spring 17:** The Spring 17 pipeline has been replaced. This line was quite old and in need of replacement. Steve Money, Maintenance Mechanic, counted approximately 30-40 patches that had been made on the old pipe over the years. This line also has a "T" that will provide the water for our Re-circulating system that is to be installed this Spring.



**Degas System:** The degassing projects for Main Spring and Spring 13 are underway.

## **PERSONNEL/TRAINING/SAFETY**

Craig Eaton, Hagerman's new Project Leader, arrived with his moving van on November 26<sup>th</sup> with his wife, Denise, and son.

## COORDINATION

Bruce Palmer and Craig Brown, Idaho Department of Fish and Game (IDF&G), stopped by to discuss maintenance projects at Oster Lakes parking areas. Mr. Palmer will be our new interim contact for our Wildlife Management Area MOU with IDF&G replacing Frank Edelman who recently took a new job.

Bob Turik provided a tour to Susan Wolf, Hayspur Fish Hatchery fish tech.

Anna Ray, Fisheries Program Assistant, traveled to the Portland, Oregon for a short detail to assist Kim Hubbard, Region 1 Fisheries, and Lori Orr, Little White Salmon NFH Administrative Officer. The collaboration was an effort to educate and connect the dots for Work Orders to meet the needs of both FBMS, policies, and the field.

**Hatchery Electrical Conversion:** Bob Turik and Steve Money attended a conference call on November 6<sup>th</sup> with Chris Starr (LSRCP), IDF&G, Paul Abbott (Idaho Power) and Pacific States Marine Fisheries Commission (PSMFC) staff to discuss tagging trailer outlet contracts. To assure standardization, Hagerman NFH will be handling the coordination and procurement of the proper equipment for LSRCP hatcheries. Steve Money, Maintenance Mechanic, will put together the procurement requests and take the lead for preparation work at the hatcheries. Anna Ray, Fisheries Program Assistant, will handle the contracting and procurement for each of these hatcheries.



## OUTREACH

Filer 5<sup>th</sup> grade fish dissection at Billingsly Creek with Idaho Parks & Recreation, 1000 Springs, and the National Park Service, Hagerman Fossil Beds National Monument.

November presented several sunny days that brought guests celebrating Thanksgiving, school breaks, and the great outdoors.

Our Facebook popularity is slowly growing .....

## MAINTENANCE

- Completed winterization of all water systems
- New tires on F-250
- New dishwasher in Quarters 5

- New light fixture in Quarters 5
- New smoke detector in Quarters 7
- Cleaned and disinfected water softener in Quarters 4
- Refinished wood trim in kitchen Quarters 5
- Repaired kitchen drawer and added heavy duty slides in Quarters 5
- Checked heat pump discharges for all buildings
- Inspected degas construction projects
- Inspected Spring 17 new pipeline
- Received tour of Chelan PUD East Bank Fish Facility

**FACEBOOK** - VISIT AND “**LIKE**” US AT:

[HTTPS://WWW.FACEBOOK.COM/PAGES/HAGERMAN-NATIONAL-FISH-HATCHERY/403395333013900](https://www.facebook.com/pages/Hagerman-National-Fish-Hatchery/403395333013900)