



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 9, 2008

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

FROM: Project Leader, Hagerman NFH

SUBJECT: March Activity Report

PRODUCTION

Steelhead Brood Year 2007

Lot Number	Stock	Number	Total Fish Weight	Size (#/lb)	Length (inches)
120	Sawtooth	1,024,396	223,247	4.6	8.38
121	Pahsimeroi	155,266	34,504	4.5	8.44
122	Clearwater B	201,113	41,964	4.8	8.26

Steelhead distribution began on March 31st with the Pahsimeroi stock. The Pahsimeroi smolts were released in the Little Salmon River. The release site was moved from the traditional site at Stinky Springs to approximately 8 miles downriver at the Pinehurst Bridge because Stinky Springs was still snowed in.

On March 3, Kathy Clemens, Idaho Fish Health Center, performed pre-release fish health examinations for all steelhead stocks on station. The sampled fish tested positive for *Nucleospora salmonis* (NS) prevalence in all stocks. Later in the month, the Hatchery sent additional samples from four raceways in the upper deck because of elevated mortalities. These samples tested positive for *Aeromonas salmonicida*, aka Furunculosis. Because of this disease the Hatchery Evaluation Team cancelled a study designed to test the release



of smolts using a 6-inch discharge pipe versus the 8-inch pipe. The study required that the fish be released and held for a period of time at Sawtooth Fish Hatchery. The Clearwater B stock continues to have elevated mortalities averaging up to 0.25% per day in several raceways. However, the Clearwater B stock did not test positive for *Aeromonas salmonicida* during the pre-release exam.

The Hatchery started pond scrubbing raceways on March 31st and anticipates finishing all raceways by April 2nd.

Rainbow Trout (Dworshak Reservoir Mitigation)

Lot Number	Stock	Number	Total Fish Weight	Size (#/lb)	Length (inches)
123	Hayspur KT/T9 Rainbows	123,773	1,605	77.1	3.02

Lot 123 was moved from Hatchery 2 to the Trout Raceways on March 10, 2008. The move was delayed because of a leak in the Spring 17 pipeline.

OPERATIONS

Carl Steifl, John Cassinelli, and David Lindley, Nampa Fisheries Research - Idaho Fish and Game, completed Coded Wire Tag retention and ad clip quality checks. David Lindley returned later in the month to help set-up the PIT tag scanner to read tag codes into the PTAGIS software program.

Jeff Jackson, College of Southern Idaho student, volunteered 15 hours of service to fulfill lab requirements for his Biology 100 course.

Scott Marshall and Steve Yundt, Lower Snake River Compensation Plan, visited the Hatchery and discussed current Monitoring and Evaluation issues.

The mortality pits were relocated west of the Hatchery Barn to meet NPDES permit requirements, avoid culturally sensitive areas, and to avoid transporting dead fish past the University of Idaho, Hagerman Fish Culture Experiment Station.



Susan Switzer, State of Idaho Department of Environmental Quality (IDEQ), took Dissolved Oxygen, Temperature, Salinity, Conductivity, Total Suspended Solids, and Turbidity readings from Bickel Lake, Riley Lake, and at the entrance road bridge over Riley Creek. IDEQ plans to continue bimonthly sampling of these sites.

COORDINATION

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

Anna Ray, Fisheries Program Assistant, participated in the DataMart Conference call to assure proper installation of the new updated version.

The Hatchery staff listened in on the All Employee Conference call with Ren Lohofener, Regional Director, concerning Region Activities and the Connecting Children and Nature initiative.

PERSONNEL/TRAINING/SAFETY

Bryan Kenworthy attended the Hatchery Review Team (HRT) meetings in Vancouver, WA.

Steve Money, Maintenance Mechanic, attended Hatchery Staffing Review meetings at Warm Springs and Spring Creek National Fish Hatcheries.

Anna Ray attended Travel Management and TDY training in Boise, ID.

The Hatchery crew completed Annual safety training of for Fire Extinguishers, Hazardous Communications, Personal Protective Equipment, Lock Out/Tag Out, Respirator Use, Confined Space, Blood Borne Pathogens, Fall Protection, Welding, Hand and Power Tools, Hazardous Waste Operations & emergency Response, and Chainsaw use. The Hatchery crew also completed annual hearing and Respirator Fit tests.

The Hatchery completed the Annual Safety Checklist. As part of the Checklist, the Hatchery replaced the hardwired smoke detectors in all quarters due to age, ordered additional Safe Start Devices for Shop equipment, replaced several extension cords and exit signs, and started the annual inventory of Hazardous Communications chemicals.

OUTREACH

The Hatchery had 252 registered guests, one scheduled tour for 11 elementary students from the Boise Hillside Academy, and one official guest for a total of 264 visitors in March.

MAINTENANCE

- Repaired Spring 17 pipeline blowout then welded new stainless steel patches on spring 17 pipeline.
- Tested all life support and alarm systems on the three fish transport trailers.
- Lubed undercarriage for the three fish transports.
- Adjusted brakes and checked for air leaks on the three fish transports.
- Changed fuel, oil and air filters on fish transport generators.
- Replaced sight glass and hub seals on 469 fish transports.
- Repaired 480 volt plug on E-1 fish pump.
- Changed oil in primer pump for E-1 and E-2 fish pumps.
- Tested high voltage on middle deck of raceways.
- Flushed chiller water system and test ran the chiller.
- Replaced hard wire smoke detectors for all four residences.
- Completed safety self audits.
- Installed new radon exhaust fan in Quarters 7.
- Installed exit signs in welding shop and chiller building.
- Reprogrammed new gate entry codes and new telephone call numbers.
- Programmed gate entry devices.
- Welded galvanized flex pipe to mild steel nipple to attach Cam-lock on transport discharge hose.



Repair of Spring 17 Pipe Line