



United States Department of the Interior



FISH AND WILDLIFE SERVICE

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

MEMORANDUM

November 26, 2007

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

FROM: Project Leader, Hagerman NFH

SUBJECT: October Activity Report

PRODUCTION

Steelhead Brood Year 2007

Lot Number	Stock	Number	Total Fish Weight	Size (#/lb)	Length (inches)
120	Sawtooth	1,030,615	48,773	21.1	5.04
121	Pahsimeroi	199,743	11,349	17.6	5.36
122	Clearwater B	208,795	10,728	19.5	5.18

The average water supply in October to the steelhead raceways was 53.0 cfs this year compared to 47.1 cfs last year. Increased spring flows and careful water management have increased the available production water. The Hatchery anticipates an additional 14 cfs of steelhead production water from Brailsford Ditch in November. Despite the increased flows, the Clearwater stock experienced elevated mortalities due to soreback. The soreback commonly occurs in late October and into November.

Kathy Clemens, Idaho Fish Health Center, and Chip Applegate, USGS-Western Fisheries Research Center, took samples of Clearwater B steelhead for *Nucleospora salmonis* research. Kathy also performed the monthly fish health examination of all steelhead stocks.

Rainbow Trout (Dworshak Reservoir Mitigation)

Lot Number	Stock	Number Released	Weight Released	Size (#/lb)	Length (inches)
118	Hayspur KT Rainbows	0	0	0	0
119	Hayspur KT Rainbows	33,336	14,255	2.3	9.75

The Hatchery released Lot 119 in Cascade Reservoir after consulting with the Idaho Fish Health Center, Eagle Fish Health Laboratory, and Hagerman Fish Hatchery. Mortality in Lot 119 had risen just prior to release. These fish were transported at half of the IHOT recommendations to lessen hauling mortalities. Hauling mortalities were 711 fish over 4 trips during October 1-4, 2007. A large number of seagulls and pelicans at the release site complicated recovery of hauling mortalities. Lot 119 survival was 60.0% from egg to release.



OPERATIONS

Wickham Pipeline Construction began work on Phase 2 of the pipeline construction project.

Jordan Nielson, University of Idaho graduate student, spent a week at the Hatchery continuing his research of the Hydrocyclone for New Zealand Mud Snail (NZMS) removal. Jordan's preliminary results look promising for removal of adult NZMS.

COORDINATION

Dave Hopper, Boise Ecological Services office, moved cobbles containing Bliss Rapid Snails downstream away from the work zone of the Phase 2 pipeline construction project.

PERSONNEL/TRAINING/SAFETY

Tour-of-Duty hours were changed to 7:30 am to 4:00 pm for winter operating hours.

Nathan Wiese, Assistant Project Leader, traveled to the National Conservation Training Center, Shepherdstown, WV, to participate in a meeting regarding development of the Advanced Fisheries Academy Course.

Anna Ray, Fisheries Program Assistant, attended the Region 1 GovTrip conference call. Anna worked with the Hatchery staff to verify their accounts on the new system.

Bryan Kenworthy, Project Leader, and Nathan Wiese traveled to Pasco, WA to attend the Hatchery Manager's Workshop for Region 1.

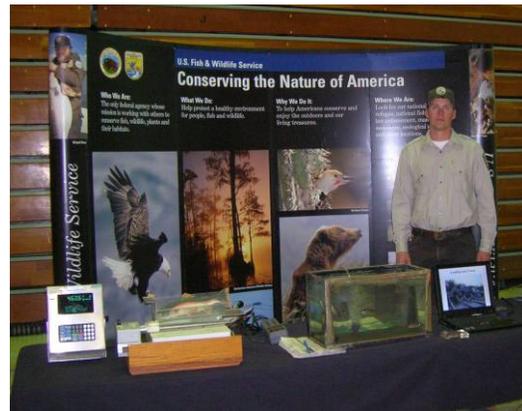
Jeremy Trimpey, Fish Biologist, moved into Quarters #7 and started his position at the Hatchery.

The Idaho hunting season started. James Brandon, Animal Caretaker, scored an elk and mule deer in Unit 45 and Amber Wiese shot a moose near Rexburg, ID. Almost the entire crew harvested deer this year!



OUTREACH

Nathan Wiese staffed an interactive booth at the annual College of Southern Idaho 2007 Science and Technology Expo. The Expo focuses on introducing 5th graders in the Magic Valley to practical applications of science and technology around the area. This year's expo had over 1400 people attend, including 1100 5th graders. The Hatchery booth demonstrated: reading Coded Wire Tags; scanning Passive Integrated Transponders (PIT) tags; measuring and weighing steelhead on a digitizer; measuring dissolved oxygen in a steelhead aquarium; observing the different life stages of salmon and steelhead, and a looped power point presentation of the Hatchery and life journey of steelhead.



The Hatchery conducted one organized tour during the month in conjunction with the National Park Service and entertained 3 official guests. An additional 270 guests registered in the visitor's log book for a total of 298 visitors during October.

MAINTENANCE

Buildings and Grounds

- Entered Jeremy Trimpey into security systems and security gate.
- Welded a stainless steel patch on the spring 17 pipeline.

- Painted and hung 2 new doors in auto shop.
- Conducted quarterly bacteria sampling of domestic water system.
- Inspected Bickel Ditch project.
- Read previous safety audits in preparation for safety inspection.
- Installed another speed bump in attempt to control traffic.
- Aerated all lawn areas with Grasshopper aerator
- Organic Lawn Care company applied lawn fertilizer according to soil test specs



Spring 17 pipeline rupturepatched for another year.