



# 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 13, 2006

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

FROM: Project Leader, Hagerman NFH

SUBJECT: November Activity Report

### PRODUCTION

Steelhead Brood Year 2006

Lot Number	Stock	Number	Total Fish Weight	Size (#/lb)	Length (inches)
115	Clearwater B	196,353	14,438	13.6	5.84
116	Pahsimeroi	185,815	14,865	12.5	6.00
117	Sawtooth	1,061,822	75,521	14.1	5.77

Kathy Clemens and Laura Hawn, Idaho Fish Health Center, visited the Hatchery to perform regular fish necropsies and to collect and check sculpin for the prevalence of *Nucleospora salmonis*. The steelhead appear to be healthy and mortalities are very low.

#### Rainbow Trout (Dworshak Reservoir Mitigation)

Lot Number	Stocking Site	Number	Total Fish Weight	Size (#/lb)	Length (inches)
114	CJ Strike Reservoir	12,422	5,070	2.45	9.5
114	Lake Walcott (Gifford Springs)	31,176	12,725	2.45	9.5

Currently there are no rainbow trout on station; eggs are expected in late December.

### OPERATIONS

Steve Money, Maintenance Mechanic, escorted Idaho Power representatives around the station to conduct an energy audit.

Brockway Engineering completed the post-construction seep test for the off-line settling basins retrofit project. A draft report has been provided to the Hatchery and to Region 1 Engineering. The north pond was found to seep more, post construction. Bryan Kenworthy and Randy Schmeller, Regional Engineer, will be working with the Idaho Department of Environmental Quality to determine the implications of this finding.

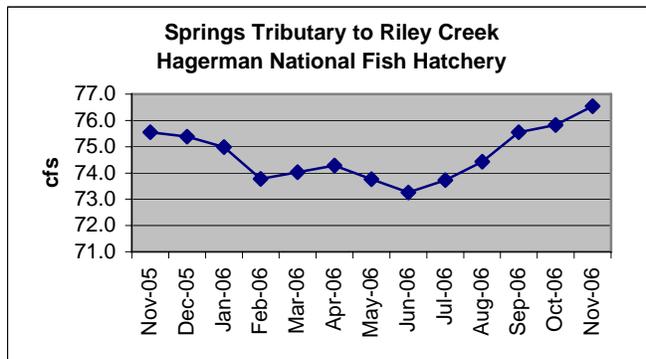
Mark Olson, Assistant Project Leader, attended an Idaho Water Alliance Meeting in Twin Falls, ID. A segment of the discussion focused on anticipated costs for developing a management plan for the Eastern Snake Plain Aquifer. No determination has been made on how fees will be assessed or collected.

Bob Clark, Legislative Liaison Officer, Washington Office, visited the station on his return trip to Washington D.C. following a training detail at Malheur National Wildlife Refuge.

Shawn R. Narum PhD, Lead Geneticist, and staff from the Columbia River Inter-Tribal Fish Commission (CRITFC) started a research project using Hatchery steelhead. The investigators are testing procedures to track steelhead smolt development using DNA analysis on gill, brain, and liver tissue. Tissues will be collected throughout the winter until release in the spring from a total of 180 fish. Individual fish will be measured for weight and length, and condition factor will be calculated.



“It’s the water!”



Since August the Hatchery has observed an increase in total spring flow output. At the end of November total flow was 76.5 cfs which is 0.9 CFS above the observed flow in November 2005. Both the Magic Valley Fish Hatchery and the Niagara Springs Fish Hatchery have noted increases in spring flow. This seasonal increase is typical and, is most likely due to the recharge affect of the irrigation season.

## PERSONNEL/TRAINING/SAFETY

Bryan Kenworthy, Project Leader; Nate Wiese, Fish Biologist; and Mark Olson attended the Pacific Region Hatchery Management Workshop in Richland, WA. Mark presented the Production Capacity Assessment experiment results from Brood Year 2005.

Mark Olson attended the one-day SAMMS training in Portland, OR.

Bryan Kenworthy and Mark Olson attended DOI Ethics training via the National Parks Service TelNet.

Hatchery staff received an annual hearing test and staff with respirators were fit tested.

Richard Johnson, Fisheries, Portland, visited the station for Bryan Kenworthy's performance review.

## OUTREACH



The Hatchery teamed up with the National Park Service combined outreach event at Billingsly Creek State Park for a for 125 fifth graders from Filer elementary school.



93 visitors signed the guest book this month.

## MAINTENANCE

- Performed several preventative maintenance actions on the Hatchery's entrance gate.
- Cut out family nameplates for Q-6.
- Plumbed in basement sink Q-6.
- Adjusted ice machine freeze/harvest cycle and cube size.
- Cleaned security sensors in shop and garage bays.
- Installed new clutch pedal on feed truck.
- Vendor repaired weather head wiring for Sedimentation pond power source.
- Vendor Installed conduit and 208v line to ice machine.
- Vendor plumbed the newly installed (surplus) ice machine.
- Installed new signs for confined spaces, authorized personnel, authorized vehicles, and stay-off raceway walls



New Visitor Signs

