



United States Department of the Interior



FISH AND WILDLIFE SERVICE

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

MEMORANDUM

September 14, 2011

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

FROM: Bob Turik, Acting Project Leader, Hagerman NFH

SUBJECT: Activity Report

PRODUCTION

Steelhead Brood Year 2011

Lot Number	Stock	Number	Total Fish Weight	Size (#/lb.)	Length (inches)
134	Sawtooth	1,221,522	11,365	107.48	2.93
135	East Fork Hatchery	197,821	1,977	100.05	3.00

The Hatchery finished with this year's marking on September 9th (numbers above are post-marking). The marking went well with the exception of the first marking event which took place starting August 15th. Initially two trailers with four crews started marking and after 3 days we were informed that they were cutting back to two crews running one trailer (one trailer sat idle). This resulted in fish being held in tanks longer than necessary and also required that fish, which had been taken off feed, be put back on feed. The end result was that marking originally scheduled to initially last 5 days ended up taking 10 days. Better communication concerning marking crew schedules will help in the future.

Corie Samson, Idaho Fish Health Center, was at the Hatchery on August 25th to perform monthly sampling of the steelhead and the pre-release sampling of the rainbow trout. Elevated Nitrogen gas levels have increased mortalities in the RBT and gas bubbles have already been found in the steelhead that were just marked and moved outside. We are currently discussing options for addressing the Nitrogen super-saturation issue. We are also conducting daily gas saturation sampling from several sites throughout the facility.

Steelhead fry going through the marking process →



Rainbow Trout

Lot Number	Stock	Number	Total Fish Weight	Size (#/lb.)	Length (inches)
133	Hayspur	41,615	13,913	3.0	8.93

The rainbow trout continue to experience a slightly higher than average mortality level. Mortality level for August was 0.50% compared to 0.04% last year for August. During the pre-release fish health inspections, fish were found with gas bubbles in the gills and fins. A portion of the trout have also developed skin sloughing and tail rot very similar to what was observed in the steelhead last brood year in the top deck of the steelhead raceways. The Hatchery plans on performing more intense monitoring of gas saturation levels of the rainbow trout raceways and its water sources.

OPERATIONS

Bryan Kenworthy, Project Leader, provided a tour of the facility to staff representing Senator Risch's Twin Falls and Washington offices. A highlight of the tour was the opportunity to showcase operation of the two automated mass marking trailers which are on station this week. Discussion also focused on the Hatchery's declining water supply and how it was necessary to cut production by 100K fish recently, due to the decline.



Brian Clifford, Motor Vehicle Operator, assisted Idaho Fish and Game in starting the construction of new parking area for the Hagerman Wildlife Management Area just outside the Hatchery's main entrance gate. This parking area will make the WMA more user friendly and get rid of user pioneered roads so the area can be restored for wildlife.

PERSONNEL/TRAINING/SAFETY

Adam Leija, Animal Caretaker, participated in monthly conference call with the Wage Grade Committee.

A private contractor welded the mounts for the safety handrails that are currently being constructed for the head and tail ends of raceway walk ways.

The Hatchery hosted Bryan Kenworthy's retirement party. We all wish him a happy retirement and want to congratulate him on long and dedicated career with the Service.

Fisheries Assistant Region Director Mike Carrier with retiring Project Leader Bryan Kenworthy →



MAINTENANCE

- Installed new belt on Hatchery 1 exhaust fan.
- Sprayed garlic mosquito barrier around quarters and picnic area.
- Tested new Viking circuit board in security gate and added 8 amp fusible link to protect motor circuit.
- Local contractor ran a camera down pipeline between lower deck and Riley creek outlet, only obstructions were big fish and really old hammer.
- Weld broken deck lever and several weak spots on Grasshopper mower.
- Made new resident signs for Quarters 6 & 7.
- Reprogrammed temperature and high water set points for new chiller system.
- Inspected new handrail receiver welding project on STT raceways.
- Replaced high pressure sodium light on Chiller building.
- Cleaned, sanded and refinished gate hours sign.
- Repaired plumbing in quarters 5.
- Idaho Power came out to remove vines tangled in transformer behind Quarters 7.
- Conducted forklift safety training for Bob Turik and Bryan Kenworthy.
- Inspected handicap fishing pier for loose screws, nails or broken boards.
- Adjusted brakes on forklift and Gator.
- Picked up M1 mass marking trailer at Magic Valley Fish Hatchery and delivered to Hagerman National Fish Hatchery.
- Installed new starter on Flatbed.
- Changed steering tires on Grasshopper mower.
- Sprayed weeds at security gate.
- Tested all chiller system functions.
- Welded brackets and plumbed new water manifolds on the two fish pumps.
- Wired in new photovoltaic sensors on security lighting Hatchery 1.
- Spread new river rock at security gate area.
- Installed new dryer vent cover Quarters 6.
- Graded road to Sedimentation Pond.
- Callen Refrigeration installed new fan motor on Quarters 7 Heat Pump.
- Tightened all manifold saddle clamps for Hatchery 1 tank discharges.
- Quarterly Bacteria sampling for domestic water system.