



## ALCHESAY-WILLIAMS CREEK NFHC \* WHITERIVER, ARIZONA

### *Monthly Accomplishment Report JANUARY 2013*



*John Benally recording data for Apache trout spawning*

*Bruce Thompson - Project Leader  
Patti Ferlisi - Administrative Assistant*

#### *Alchesay Unit*

*Bradley Clarkson - Unit Leader  
Pete Drevnick - Maintenance Worker/  
Motor Vehicle Operator  
Jeff Cody - Motor Vehicle Operator  
Joyner George - WMAT  
Andy Quay - Volunteer  
John Benally - Special Needs Laborer  
Wade Goklish - WMAT, WIA Laborer*

#### *Williams Creek Unit*

*Gene Okamoto - Unit Leader  
Russell Wood - Fish Biologist  
Michael Figueroa - Motor Vehicle Operator  
Jimmy Smith - Motor Vehicle Operator  
Isaiah Paxson - Animal Caretaker  
Dan Ragen - Maintenance Specialist*

### **PARTNERSHIP AND ACCOUNTABILITY:**

- ❖ EPA monthly water sample monitoring of hatchery influent and effluent waters was accomplished for both units.
- ❖ Alchesay-Williams Creek personnel participated in the monthly Fisheries Coordination meeting between AZFWCO (Arizona Fish and Wildlife Conservation Office) and WMAT-WORD (White Mountain Apache Tribe-Wildlife & Outdoor Recreation Division).
- ❖ Robert Scoglio, OSHA Compliance Officer, performed a safety inspection at the Williams Creek Unit on January 15 and 16, 2013. This OSHA inspection was directed at hatchery compliance with the use and storage of the chemical formalin. His report will be available in approximately 4-6 weeks.

## **AQUATIC SPECIES CONSERVATION AND MANAGEMENT:**

- ❖ During January, hatchery complex personnel traveled 503 miles to deliver 15,000 trout weighing 3,360 pounds to the San Carlos Apache Indian Reservation in Arizona. In an effort to comply with travel guidelines, stocking requests for January, February and March were combined into one trip.
- ❖ On January 29, 2013, the Complex completed the annual Apache trout spawning. A total of 603,031 green eggs have been collected to date. We have met our eggtaking goal of 535,000 eggs for future broodstock and fish production. Hatchery personnel will collect two more spawntakes to fulfill the egg numbers requested by the State of Arizona
- ❖ 174,000 brook trout eggs were received from Egan State Fish Hatchery in Bicknell, Utah on January 23, 2013. The majority of these fish are scheduled to be stocked into Sunrise Lake on the Fort Apache Indian Reservation (FAIR) in March 2013.

## **FACILITY MAINTENANCE:**

- ❖ The Pond 2 modification project was completed. Thank you to Pete Drevnick and all of the dedicated employees who assisted him in this huge endeavor.



At the end of the month, a leak at the water control structure of the Alchesay Unit was repaired by Robert E. Porter Construction of Phoenix, Arizona.



Fish friendly hydro-active expansion grout was used to seal the pipe leak at the water control structure

### **WORKFORCE MANAGEMENT:**

- ❖ John Benally assisted with the Apache trout spawning operation at the Williams Creek Unit. Wade Goklish (WIA) assisted the Alchesay Unit with sample counts, loading fish distribution trucks, and inventory of raceways. The assistance of these individuals was invaluable in collecting data, inventorying, loading, and stocking trout. It is unfortunate that the terms of service for John and Wade will expire this month. Their contributions were greatly appreciated and they will be missed.



Jeff Cody and Wade Goklish transfer rainbow trout from raceways into Pond 2

- ❖ Hatchery end-of-month reports, Apache trout spawning, rainbow trout inventories, and snow removal (new snowblower acquired in 2012) were accomplished this month.



Dan Ragen removing snow from hatchery roadway and parking lot from a recent winter storm

### **LEADERSHIP IN SCIENCE AND TECHNOLOGY:**

- ❖ Investigation continues into alternative chemical treatments and mechanical measures to eliminate routine hatchery use of the chemical formalin based on the preliminary safe storage/handling concerns expressed by the OSHA Compliance Officer, Robert Scoglio. Renewed emphasis will be placed on prophylactic measures to prevent bacterial and secondary fungal outbreaks in fish. Ongoing testing of upwell style incubation units (which do not require periodic anti-fungal treatments) to replace vertical flow incubator stacks (which do require constant treatment) for green egg incubation will continue. These upwelling/jar incubator prototypes will be tested on non-production Apache trout eggs which will be collected after operational spawntaking has been completed.

