



ALCHESAY-WILLIAMS CREEK NFHC * WHITERIVER, ARIZONA

NOVEMBER 2012: Monthly Accomplishment

Report



Hatchery staff enumerating Apache Trout eggs



300,000 Erwin RBT eggs set in jars

ALCHESAY-WILLIAMS CREEK NFH COMPLEX:

Bruce Thompson – Project Leader AL-WC
Patti Ferlisi – Administrative Assistant

Alchesay Personnel

Bradley Clarkson – Unit Leader
Pete Drevnick – Maintenance Worker/MVO
Jeff Cody – Motor Vehicle Operator (MVO)
Joyner George – WMAT
Andy Quay – Volunteer

Williams Creek Personnel

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:

- ❖ Alchesay-Williams Creek NFHC completed EPA monthly and quarterly monitor sampling for influent and effluent discharge water as well as annual drinking water sampling.
- ❖ The annual spawn-taking operation for the Apache Trout program at Williams Creek NFH was initiated on November 26-27, 2012. The adult female brood stock are checked once a week for egg development. By the end of the spawn taking operation, approximately 900,000 green eggs will be enumerated and set in incubation trays. The spawning period should run through January 2013.
- ❖ Annual evaluations for employee performance appraisal plans (EPAPs) were completed and discussed with individual employees. Individual Development Plans (IDPs) were discussed as well.

AQUATIC SPECIES CONSERVATION AND MANAGEMENT:

- ❖ Fish Distribution: The following fish were stocked out of the Williams Creek facility as transfers to Alchesay NFH and into tribal waters within the state of New Mexico.

- Williams Creek NFH: Distribute – 4,673 RBT @ 938 pounds to Zuni Reservation
Transfer– 54,617 RBT@ 2,298 pounds to Alchesay NFH.
- Alchesay NFH: With the exception of loading trout for Bosque del Apache NWR for the annual Festival of the Cranes event, no fish were stocked out of the Alchesay facility for the month of November. November commitments had been completed previously in a continuing effort to consolidate stocking trips when possible.

- ❖ Egg Shipments:

- Saratoga NFH: Lot #2Sr-1, 82,000 brown trout eggs received on November 06, 2012.
- Egan SFH (Utah): Lot #2Eg-3, 50,000 brown trout eggs received on November 16, 2012.
- Erwin NFH: Lot #2Ew-3, 300,000 rainbow trout eggs received on November 29, 2012.

- ❖ Apache Trout Spawning:

- 1st Egg take: 17,343 green eggs; Lot #3WC-1

FACILITY MAINTENANCE:

- ❖ Dan Ragen dug a 100 yard trench for the power supply line from the domestic water supply building to the water storage tank. Carlson Electric



will complete the installation of the power line to bring it up to code.

- ❖ Pat McDermott from Region 2 Division of Engineering (REN) visited the Alchesay NFH to assess Alchesay Quarters 3, 4, and 5 to ascertain demolition/renovation scopes of work and the costs associated with these structures.
- ❖ The last cement pours for Alchesay Pond #2 modification will be completed within the next couple of weeks. Rainbow trout (50,000 to 60,000) will be transferred from hatchery raceways into the newly completed pond after that. We all hope the fish like their new “newly remodeled” home.



U.S.
FISH & WIL
SERVIC

PUBLIC USE AND OUTREACH:

- ❖ Alchesay-Williams Creek NFH Complex provided approximately 200 rainbow trout for the public fishing tank at the Festival of Cranes in Bosque del Apache NWR, NM on November 16, 2012. This is a new outreach program at this event that children as well as adults can experience.



A 3 lb. rainbow trout from Pond 3

Personnel from Williams Creek NFH harvested (non-production) WC-Pond #3 on November 6, 2012. Twenty seven rainbow trout averaging 3-5 pounds with several as large as 7-8 pounds were captured and held until final loadout.

On the day of transport an additional 173 8-10 inch RBT were loaded from Alchesay NFH and transported to the fish tank at the Festival of the Cranes event.



WORKFORCE MANAGEMENT:

- ❖ Russell Wood, Jimmy Smith, and Isaiah Paxson completed this year's assessment of the APT brood females on November



Hatchery staff inspecting female APT for egg development

- ❖ Patti Ferlisi attended one week of FBMS training in the Albuquerque office. It was a very valuable training experience.
- ❖ Hatchery EOM reports were completed by hatchery staff as well as fish/feed transfers to Alchesay NFH.
- ❖ Bradley Clarkson completed 40 hours of training at the Supervisory Skills Workshop at NCTC .



LEADERSHIP IN SCIENCE AND TECHNOLOGY:

- ❖ The Apache Trout (APT) program at Williams Creek NFH is the primary production species that is maintained for the Fort Apache Indian Reservation (FAIR). Since the installation of the steel open-ended protective building over the Apache Trout brood stock (C-bank) raceways, this partial enclosure had the potential to alter the natural photoperiod that the Apache Trout need to carry out their reproductive cycle. A semi-controlled lighting regime was used to prevent any inadvertent changes to spawn timing. We exposed the brood stock to a controlled period of 12 hours of artificial

light from 6AM to 6PM from July through November, so that the current broodfish on hand would not spawn significantly earlier than previously held broodstock. So far there is no indication of any alteration in the APT broodfish reproductive timing

