



ALCHESAY-WILLIAMS CREEK NATIONAL FISH HATCHERY COMPLEX WHITERIVER, ARIZONA



MONTHLY ACCOMPLISHMENT REPORT

July 2015

*Bruce Thompson – Complex Manager
Travis Taylor- Administrative Technician*

ALCHESAY UNIT

*Gene Okamoto – Unit Leader
Pete Drevnick – Maintenance Worker/Motor Vehicle Operator
Jeff Cody – Motor Vehicle Operator
Joyner George – WMAT Fisheries
Chadwick “Sharkey” Amos – Volunteer*

WILLIAMS CREEK UNIT

*Bradley Clarkson – Unit Leader
Russell Wood – Fish Biologist
John Fenslage – Maintenance Worker
Mike Figueroa – Motor Vehicle Operator
Jimmy Smith – Motor Vehicle Operator
Isaiah Paxson – Animal Caretaker
Carol Walker – Volunteer
Jonathon Walker-Volunteer*



Heavy monsoon activity created difficult water quality conditions at the Alchesay Unit.

PARTNERSHIP AND ACCOUNTABILITY:

- Jeremy Voeltz hosted a Fisheries Coordination meeting between AZFWCO (Arizona Fish and Wildlife Conservation Office), WMAT-WORD (White Mountain Apache Tribe – Wildlife and Outdoor Recreation Division) and AL-WC NFH Complex personnel.

AQUATIC SPECIES CONSERVATION AND MANAGEMENT:

- A raceway cleaning demonstration was performed at the Alchesay Unit following heavy rains and poor water quality conditions. Techniques to minimize stress to smaller fish in muddy water was discussed during the demonstration.
- Bacterial Coldwater disease is suspected in the Apache trout production program. Biologist Russ Wood collected culture samples and sent them to (Southwestern Native Aquatic Resources and Recovery Center) SNARRC. The fish health lab at SNARRC is also checking for bacterial resistance to Terramycin 200 and Aquaflor treatments.
- *Ichthyophthirius* was identified at Alchesay. Salt treatments were done on a daily basis twice daily for 3 days. Treatments will help reduce the number of parasites but will not completely reduce the numbers.

PUBLIC USE AND OUTREACH:

- Elmira Alchesay, great grand daughter of Chief Alchesay visited the Alchesay Unit. She shared some great Apache history and stories that had been passed down through her family history.
- Williams Creek received 400 visitors this month and Alchesay received a total of 265 visitors. This time of the year Alchesay is a popular spot to picnic and play volleyball.
- Five Hopi students spent three days at WCNFH. Their main focus was gaining experience with fish culture techniques.
- Cibique Senior Center, Head Start School Program, San Carlos Youth Practicum and several other schools visited the complex.



WORKFORCE MANAGEMENT:

- Carol Walker provided valuable assistance at the Williams Creek Unit. She volunteered 155.5 hours this month helping out with fish culture duties and building maintenance. Jonathon Walker provided 91.5 hours at Williams Creek toward fish culture duties and ground maintenance.
- Juwon Alchesay and Chad Amos were selected for the Complex YCC (Youth Conservation Corp) summer work program. Their scope of work areas included construction and fish culture. They were a huge asset in removing fencing and prepping outdated houses for a scheduled demolition.
- Our WIA (Workforce Investment Act) team put our DM Disinfection Station project ahead of schedule. They have been hard at work cutting rebar and building ply- wood forms for concrete walls.
- John Fenslage returned to work on light duty after his foot injury. Jimmy Smith tore his MCL during a rodeo accident and is expected to be out for 5-6 weeks.
- The complex has begun the process of organizing excess equipment and machinery.
- Bradley Clarkson attended the “Inspiring Leadership Through Emotional Intelligence” training course at NCTC.



FACILITY MAINTENANCE:

- Quarters 4 and 5 at Williams Creek are scheduled for a September demo. Final preparations and coordination was completed by the staff with the help of the YCC.

LEADERSHIP IN SCIENCE AND TECHNOLOGY:

- A pair of small-scale Wave UV sterilizing systems for individual rearing units was purchased. We were hopeful this UV system would reduce the bacteria cold water disease in the water at the Apache trout tank house. These units were installed in two separate rearing units. So far, we have not seen clear evidence that the UV system has made an impact in fish health for the Apache trout program.

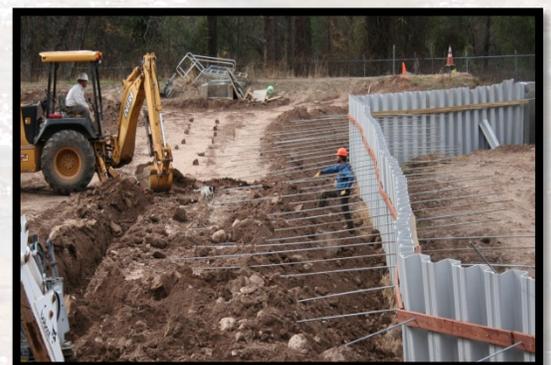
Pond 3 Modification is officially completed.



Original Pond 3



New Pond 3



UPCOMING EVENTS:

- Canopies will be constructed over B-bank raceways at Williams Creek.
- Construction of the Disinfection Station at the Alchesay Unit will continue.



Muddy water entering the settling pond after monsoons rains