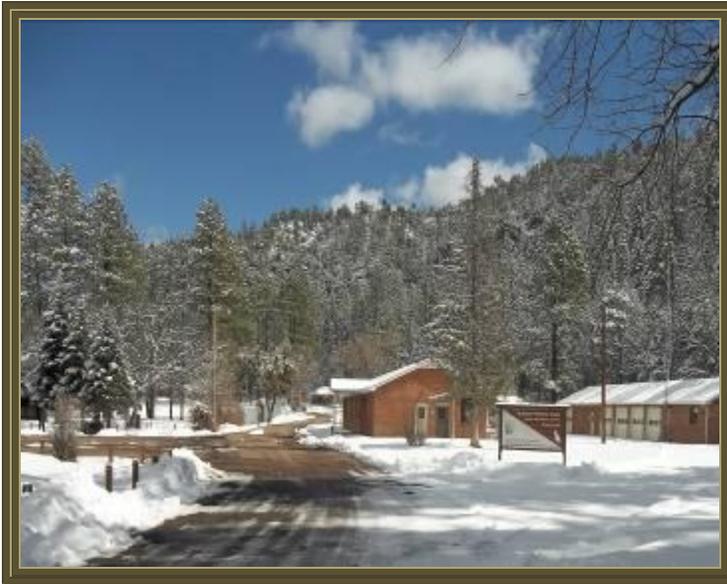




ALCHESAY-WILLIAMS CREEK NFHC * WHITERIVER, ARIZONA

Monthly Accomplishment Report FEBRUARY 2013



Snow at Alchesay Unit

*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*

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:

- ❖ All requisite water sampling for EPA was completed for both units.
- ❖ Alchesay-Williams Creek hosted the monthly Fisheries Coordination meeting between AZFWCO (Arizona Fish and Wildlife Conservation Office) and WMAT-WORD (White Mountain Apache Tribe-Wildlife & Outdoor Recreation Division).
- ❖ The Williams Creek Unit received OSHA's official inspection report on February 12, 2013. A Notice of Unsafe or Unhealthy Working Conditions was issued due to violations of 29 CFR Part 1960. All violations have been corrected and the final abatement plan was completed within the allotted time frame.
- ❖ At the end of the month, 100,000 Apache trout eggs were shipped to Arizona Game and Fish Department's (AZGFD) Sterling Springs State Fish Hatchery. Total eggs shipped to AZGFD to date for 2013 is 149,569. An additional eggtake in March should complete the allocation of 160,000 eyed eggs for AZGFD.

AQUATIC SPECIES CONSERVATION AND MANAGEMENT:

- ❖ Apache trout spawning activities continued in February with approximately 192,000 green eggs being spawned from 147 adult females. The average number of eggs collected per female was 1,306. A total of 795,766 eggs have been taken to date for this spawning season. For the 257 males used, the average length was 13.14 inches and 90ml of milt was collected for spawning.
- ❖ From 2013 Apache trout spawns #3, #4 and #5, 112,760 fry have reached swim-up stage (about 30 days). Once they reach this stage, the fry are put on a high protein starter feed.
- ❖ During February, transfers from the Williams Creek Unit to the Alchesay Unit included 53,280 5" Rainbow trout (2,814 pounds) and 320 9" Rainbow trout (114 pounds).



Male Apache trout



Apache trout fry



Milt collection

WORKFORCE MANAGEMENT:

- ❖ All Hatchery staff completed their monthly reporting.
- ❖ Bradley Clarkson has completed seven of eight Distance Learning courses related to the Supervisory Skills Workshop. Bradley has also completed USERRA training as required.
- ❖ Safety awareness is a regular part of our weekly staff meetings and hatchery personnel are advised of potential safety issues within their place of work. Warning signs are placed in areas with conditions such as icy pavement, snow load over doorways and icicle buildup along gutters. These signs serve as signals to be alert and ready to act.

LEADERSHIP IN SCIENCE AND TECHNOLOGY:

- ❖ Alternatives to the use of formalin to control fungus and/or ectoparasites continue to be explored. One alternative, copper, has thus far proven effective with controlling fungus on green and eyed eggs. A mechanical alternative, upwelling incubator jars, is also being used during both green egg and eyed up egg stages.

