

## Bear Wallow Creek fish barrier project briefing



*Bear Wallow Creek – San Carlos Apache Indian Reservation*



### Background

- Project funded in 2006 as part of National Fish Habitat Action Plan's Western Native Trout Initiative (FWS received \$98,000)
- Named by the National Fish Habitat Board as one of the "10 waters to watch" on April 30, 2007
- Apache trout may be the first fish removed from the Threatened and Endangered Species list due to recovery. Completion of this project brings Apache trout one step closer to recovery

### Purpose

- Assist in the recovery of the threatened Apache trout by protecting an additional 2 miles of stream
- Add the San Carlos Apache Tribe as a cooperator in the recovery program for Apache trout

### Cooperators

- Arizona Game and Fish Department provided \$120,000 for helicopter costs, contracting to Natural Channel design, ACE crew labor, and materials
- Trout Unlimited provided \$20,000 for barrier design prepared by Natural Channel Design, Inc.
- U.S. Bureau of Reclamation donated helicopter time valued at \$5,000
- Natural Channel Design, Inc. prepared barrier design and acted as contractor and engineer
- San Carlos Apache Tribe provided staff time for review and approval of environmental clearances
- San Carlos Apache Tribal members hired by U.S. Fish and Wildlife Service to assist with construction
- Bureau of Indian Affairs provided staff time for review and approval of environmental clearances

### Project Status

- 97,000 lbs. of materials was flown to the site May 3<sup>rd</sup> through 6<sup>th</sup>
- Construction began May 5<sup>th</sup>
- Major construction activities completed May 20<sup>th</sup>
- Rehabilitation of the area completed May 21<sup>st</sup> through 23<sup>rd</sup>
- Final diversion plugged May 29<sup>th</sup>
- Demobilization of site and project completion occurred May 30<sup>th</sup>
- Camp supplies and remaining materials flown out May 31<sup>st</sup>



Helicopter "long-lining" supplies



87,000 lbs of concrete



Bear Wallow Creek (before)



Bear Wallow Creek (after)



San Carlos Apache Tribal member construction crew