

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 3rd through 6th
- Construction began May 5th
- Major construction activities completed May 20th
- Rehabilitation of the area completed May 21st through 23rd
- Final diversion plugged May 29th
- Demobilization of site and project completion occurred May 30th
- Camp supplies and remaining materials flown out May 31st



Helicopter "long-lining" supplies



87,000 lbs of concrete



Bear Wallow Creek (before)



Bear Wallow Creek (after)



San Carlos Apache Tribal member construction crew