



National Park Service

Canyon de Chelly National Monument

Watershed Project



Canyon de Chelly Team



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Exotic Plants in the canyon

- Russian Olive
- Salt Cedar
 - Cut stump, Foliage Treatment, Full Extraction
 - Tahoe 3A/4E, Element 3A/4E
- Russian Knapweed
 - Fall and Summer treatment
 - Milestone (6oz per acre)



Equipment

- Chainsaws



- Backpack sprayers



Full Extraction



Sliding House – 12.5 acres



Junction Area – 15 acres



Fuel Reduction



More Fuel Reduction



Canyon De Chelly NM

- January – Present 2008
- 70 acres

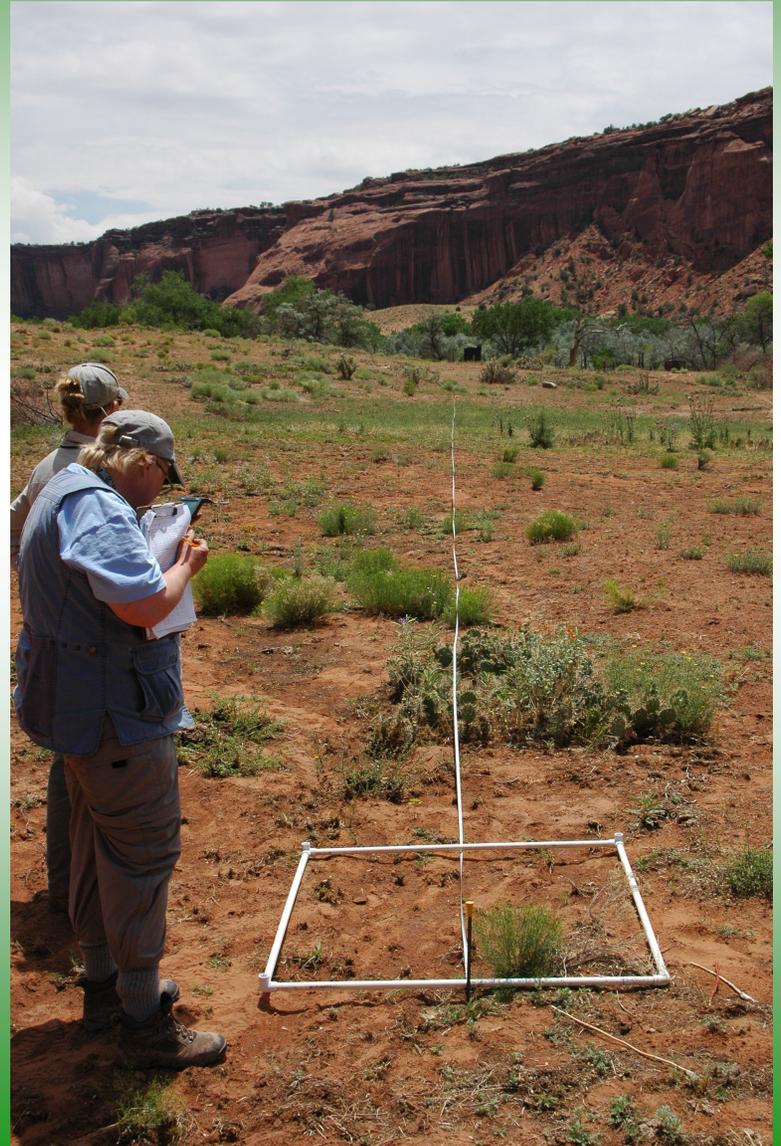


Before



Revegetation

- Pam Benjamin
Vegetation Ecologist from
Denver (NPS)
- Southwest Seed Inc.
Dolores, CO
- Broadcast seeding



Revegetation

- 9 plots throughout the park (20mx50m)
 - Indian Rice Grass
 - Alkali Sacaton
 - Western Wheat Grass
 - Needle and Thread
 - Blue Grama
 - Sand Dropseed Grass
 - Quick Guard



Revegetation Plot



Watershed Project - CACH



Cultural Resources



Watershed Project - CACH



Watershed Project - CACH



Russian Knapweed

Russian Knapweed

Russian Knapweed Management

- Fall treatment in November 2007
 - 95% kill
- Summer treatment in June and July 2008
 - 85% kill
 - Sprayed, waited 1.5-2 weeks then mowed
- All treatment was done with Milestone

Campground



Housing



Canyon De Chelly NM - Knapweed

- November 2007 – Present 2008
- 60 acres



A photograph of Canyon De Chelly National Monument. The background features a massive, layered sandstone cliff face under a clear blue sky. A prominent, tall, narrow rock spire stands in the center. The foreground is filled with dense, vibrant yellow and orange autumn foliage.

Questions?

Canyon De Chelly National Monument

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