

# Restoration in the Canyon Guides Training Seminar 2011

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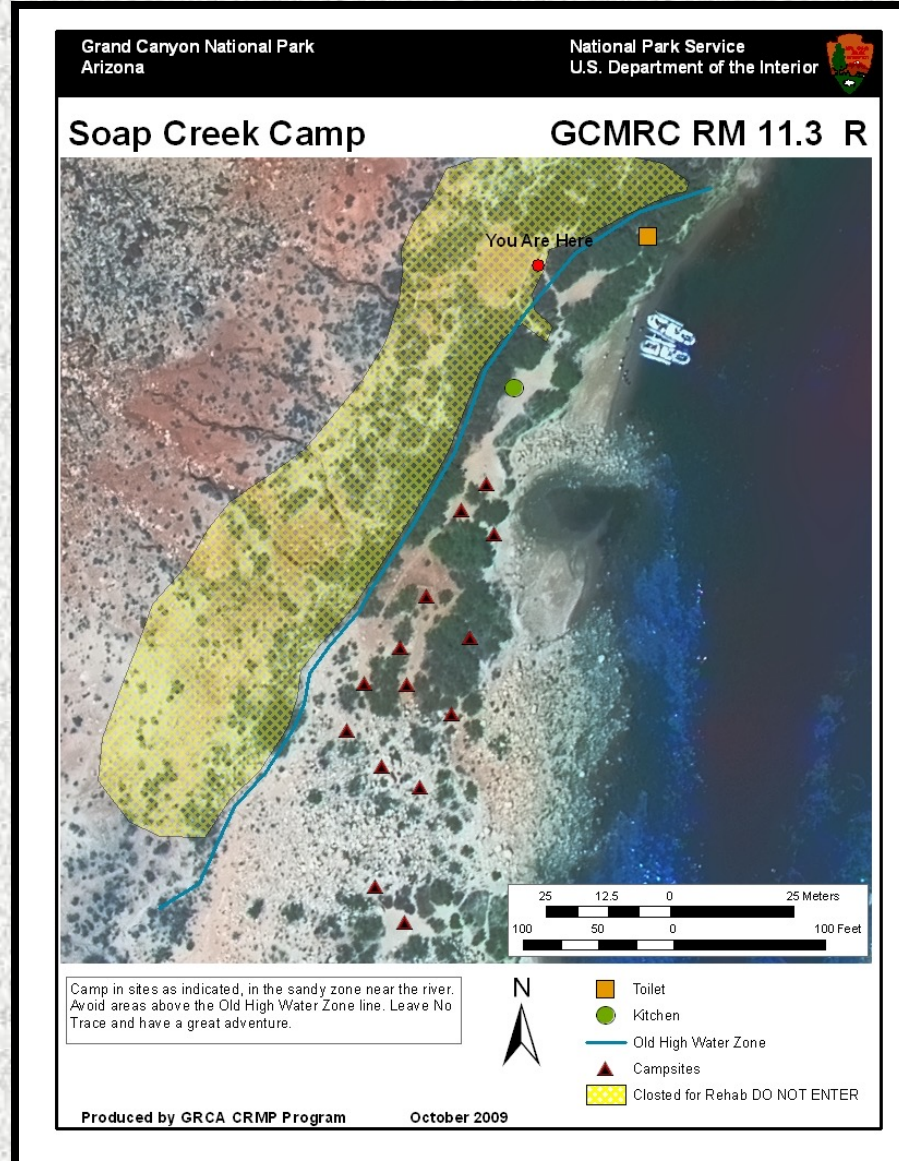


- Restoration projects along the river corridor
  - Under CRMP Mitigation Program
  - What is restoration?
  - Interdisciplinary
  - 2011 Highlights
    - Soap Creek Camp
    - Hance Camp
    - Kwagunt Camp
- Partnerships
  - Cooperative Resource Conservation Program
  - Private Users
  - Backpackers





## Soap Creek Project





In 2008, completed Phase I:

- Collected native plant cuttings and seed
- Obliterated vast network of social trails
- Obliterated log constructed staircase
- Established new campsites near river





In 2009, completed Phase II:

- Planted 65 native nursery and salvage plants onsite
- Installed eight experimental ollas (clay pot slow release irrigation)
- Began watering regime experiments between traditional berms and olla irrigation





In 2010, started Phase III:

- Planted another 265 native nursery and salvage plants
- Installed 22 new ollas
- Replaced mortality from original planting and continued watering experiments
- Mortality rate at about 9%



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November 2008



November 2010





## Hance Camp





## Hance Camp





## Hance Camp





## Kwagunt Camp

- Social trailing – dune and mesquite damage
- Lack of defined trails
- Expansive exploration





## Kwagunt Camp



Pre-work, November 2010



Post-work, November 2010. Trail leading to drainage from upstream end of camp.



## Kwagunt Camp



Pre-work, November 2010



Post-work, November 2010. Trail leading to drainage from downstream end of camp.



## What's Next for Restoration in the Canyon?

- Continue Soap Creek project...
  - Finish planting
  - Watering techniques
- Apply lessons learned downstream
  - Saddle, Hance, Nankoweap, Kwagunt
- Partnerships with all user groups



## What You Can Do To Help

- Tell us what you see! We love information...
- Participate in CRCP Trips
- Volunteer
  - [www.volunteer.gov/gov](http://www.volunteer.gov/gov)
- Continue your amazing stewardship!







Thank you!

For more information, contact:

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