



South Fork State Recreation Area: River Stabilization and Meadow Restoration

Partners and Collaborators:

- ✓ Nevada Division of State Parks
- ✓ Jiggs Conservation District
- ✓ Humboldt Watershed Cooperative Weed Management Area
- ✓ Nevada Division of Environmental Protection

Acres to be Conserved or Treated:

- ✓ 598 acres of rangeland
- ✓ 3.5 miles of riparian

Communities & Residents to be Affected or Protected:

- ✓ Lucky Nugget Subdivisions 1 & 2
- ✓ 409 developed and undeveloped lots

Watershed(s):

- ✓ South Fork of the Humboldt River



Project Purpose

This project will improve rangeland health on 600 acres within the South Fork State Recreation Area in Elko County. It will also create enhanced conditions that improve water quality for municipal, agricultural, and wildlife use.

Project Treatments

Ecosystem restoration is being implemented on bottomlands which were formerly managed for irrigation agriculture. The restoration includes invasive species management, revegetation of meadows and streambank stabilization through establishment of woody vegetation along streambanks. NDF is the lead agency managing the project, which uses prescribed burning, herbiciding, reseeding and planting of nursery stock to restore native vegetation. The results will be a reduction in weeds, control of erosion, improvement of wildlife habitat and reduction of sedimentation into South Fork Reservoir.

Anticipated Impacts & Outcomes

Treatment implementation is not expected to cause any negative impacts to residents. Long-term benefits include increases in mammal, fish and bird populations, decreased deposition of fine and coarse sediments into South Fork Reservoir, and more aesthetically pleasing environment at the park for outdoor recreationists.

Project Details

Project Timeline	Start to	End	Priority Landscape(s)
Project Scoping	Aug. 2010	Sept. 2012	Funding and treatments were targeted for this area because it is within the Spring Creek Area priority landscape in the Nevada Natural Resources Action Plan (http://www.stateforesters.org/forest-action-plans/nevada).
Resource Inventory	Sept. 2010	continuing	
Planning	Sept. 2010	continuing	
Funding Search	Sept 2011	continuing	
Funding Acquisition	May 2012	June 2018	
Implementation	May 2012	June 2018	
Monitoring	June 2015	June 2018	

Threats and Risks to the Area

Wildfire hazards and risks of flooding exist in this area. The Lucky Nugget (22 acres) and Twin Bridges (<1 acre) wildfires occurred adjacent to the project area in 2016. The Lucky Nugget Fire burned structures and had the potential for loss of life and degradation of ecosystem health. This project helps reduce the threats of property loss and detrimental effects of flooding by eliminating invasive species populations, stabilizing river banks and restoring riparian areas to native herbaceous and woody vegetation.

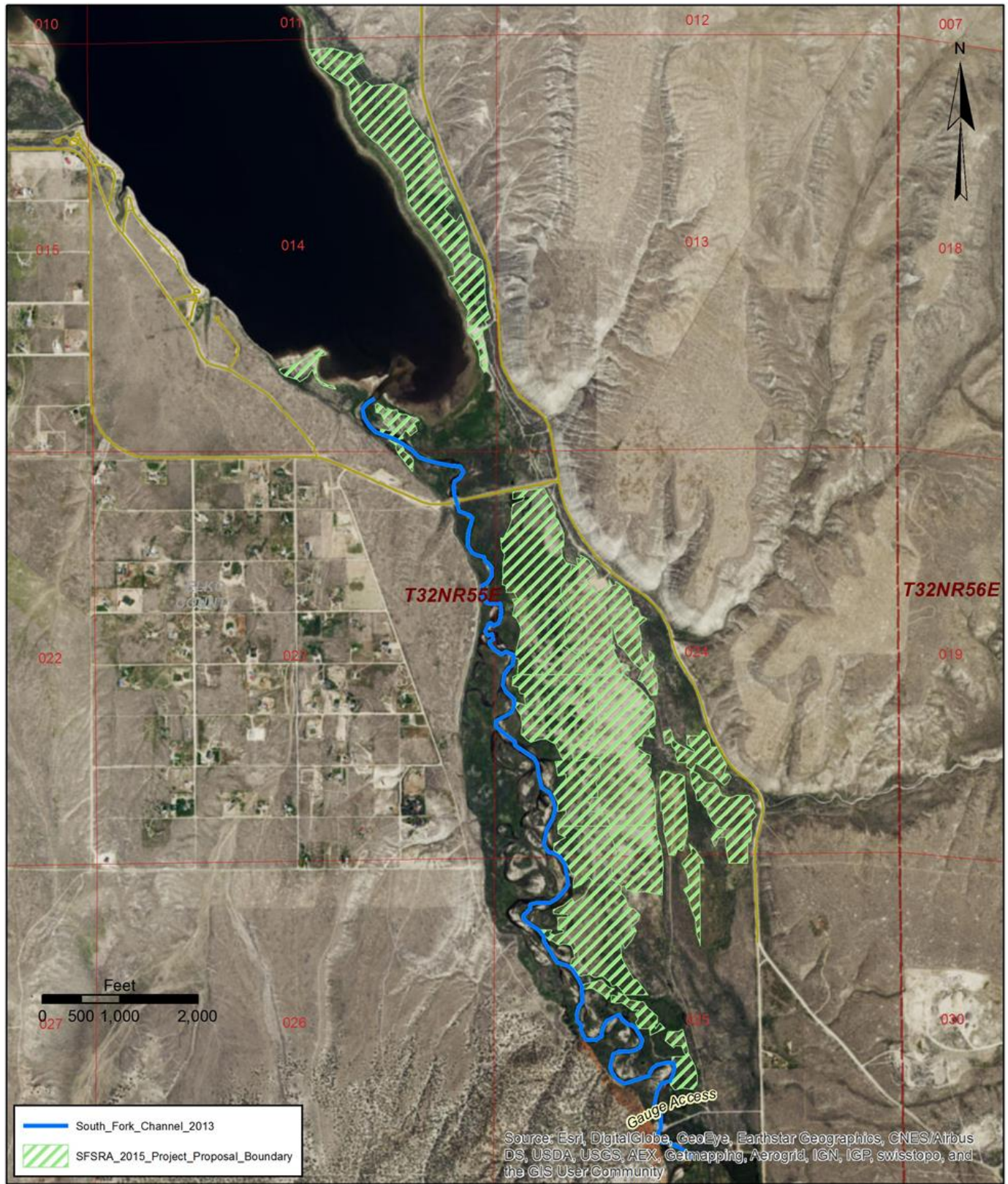
Nevada's Cohesive Strategy

This project is part of the strategy because it allows federal, state and local agencies to be more effective and efficient at responding to and controlling wildfires, maintaining resilient landscapes, and creating fire-adapted communities.

Funding Source(s)

- Nevada Division of Forestry
- Nevada Department of Environmental Protection (state implementation of a US EPA Clean Water Act grant).
- Jiggs Conservation District

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Prepared By:



Scale:

1:20,000

If the line below does not measure one inch in length, then the scale of this drawing has been altered.



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Title:

MEADOW STABILIZATION &
REHABILITATION (PHASE 2)
SOUTH FORK STATE RECREATION AREA
ELKO COUNTY, NV

Figure Description:

NDEP 319(h) Grant
Project Area

Figure Number:

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Revision

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