



Mount Wilson Guest Ranch

Project Purpose

Improve forest health, create a shaded fuel break to protect life and property from catastrophic wildfire, as well as maintain sustainable habitat for wildlife use.

Project Treatments

Removal of insect and disease damaged trees via thinning of at least 30-foot spacing. Pinyon blister rust, pinyon and juniper mistletoe, pitch mass borer, and pinyon engraver are all causing damage and mortality. Mechanical removal will occur along with chipping of woody material. Prescription retains the most dominant, healthiest trees on the site. This will create a woodland that is well spaced and will be free of insect and disease as well as create a shaded fuel break with hazardous fuels removed.

Anticipated Impacts & Outcomes

Short-term benefits and impacts include improved forest health conditions of the residual stand. Elimination of the major insect and disease problems within the project area. Creation of a shaded fuel break which will help decrease the impacts of a wildfire, and provide for better ability for fire suppression.

Long-term anticipated outcomes include allowing for better monitoring of insect and disease conditions within the project area. Maintenance of the shaded fuel break will also be easier to maintain in the future and require less funding for future treatments.

Partners and Collaborators:

- ✓ Private Landowner
- ✓ Nevada Division of Forestry

Acres to be Conserved or Treated:

- ✓ 7.18 acres of Pinyon-Juniper Woodlands

Communities & Residents to be Affected or Protected:

- ✓ Mount Wilson Subdivision
- ✓ 100 residents
- ✓ 50 permanent & seasonal residences, 25 outbuildings

Watershed(s):

- ✓ Patterson Valley Watershed
- ✓ Serves domestic aquifer recharge, agricultural irrigation aquifer recharge, livestock watering, and wildlife use.

Project Details

Project Timeline	Start	to	End	Priority Landscape(s)
Project Scoping	10/2016		10/2016	Funding and treatments were targeted for this area because it is the Wilson Creek Range priority landscape in the Nevada Natural Resources Action Plan (http://www.stateforesters.org/forest-action-plans/nevada).
Resource Inventory	10/2016		10/2016	
Planning	11/2016		11/2016	
Funding Acquisition	7/2012		5/2017	
Implementation	2/2017		5/2017	
Monitoring	Ongoing			

Threats and Risks to the Area

Wildfire hazards exist this area. The Mount Wilson Community is rated as extreme for threats from wildfire. In the last 10 years there have been no large scale wildfires in the area. There have been numerous single tree fires that have not posed any threats to the community because they were easily and quickly suppressed. Threats due to wildfire exist not only to the community, but the forest resource as well which provides wildlife habitat, and helps maintain water quality.

National and 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 – Planning Staff
- US Forest Service – State and Private Forestry Western Bark Beetle 2012 Grant - \$21,000

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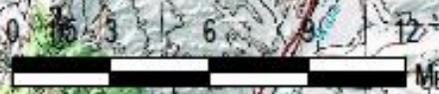
**Mount Wilson Guest Ranch
T5N, R67E, Section 26 & 35**

TREATMENT AREA

Mount Wilson

US Highway 93

Pioche, Nevada



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1 in = 5 miles

