



Beaver Dam State Park Ponderosa Pine Reforestation

Project Purpose

Improve forest health, and forest ecology by reforesting ecologically important Ponderosa Pine stands in Beaver Dam State Park. These stands were burned during a stand replacing wildfire in the summer of 2014.

Project Treatments

Native ponderosa pine seed was collected on site in the late summer of 2014 from surviving ponderosa pine trees. Seedlings were grown at the NDF Las Vegas Tree Nursery, and approximately 1,700 seedlings were out-planted. Planting occurred at three different times to take advantage of good soil conditions starting in the fall of 2016, and being completed in the fall of 2017.

Anticipated Impacts & Outcomes

Short-term benefits and impacts include burned areas within these stands have been planted and do not have to wait for the chance of natural regeneration to occur.

Long-term anticipated outcomes include the reforestation of genetically isolated ponderosa pine stands that are only native to this area in Nevada. If successful these seedlings, when mature, will provide wildlife habitat and as well as provide shade to maintain water quality and to reduce the potential for erosion within the park.

Partners and Collaborators:

- ✓ Nevada Division of State Parks
- ✓ Nevada Division of Forestry

Acres to be Conserved or Treated:

- ✓ 6 acres of Ponderosa Pine forest

Communities & Residents to be Affected or Protected:

- ✓ Beaver Dam State Park

Watershed(s):

- ✓ Wilson Creek Priority Landscape, and Beaver Dam Wash
- ✓ 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	10/2014		10/2014	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	10/2014		10/2014	
Planning	11/2014		11/2014	
Funding Acquisition	7/2015		7/2015	
Implementation	10/2016		10/2017	
Monitoring	Ongoing			

Threats and Risks to the Area

Wildfire hazards exist this area. Beaver Dam State Park had approximately 1,000 acres burn in a stand replacing wildfire in the summer of 2014. There have been numerous single tree fires that have not occurred in the park but were nearby and did not pose any threat to the park because they were easily and quickly suppressed. Threats due to wildfire exist not only to the park infrastructure, but to 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
- US Forest Service – State and Private Forestry Western Bark Beetle 2012 Grant & CPG 2013 grant funds



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**Beaver Dam State Park Reforestation
T5S, R71E Section 20**



Caliente, Nevada

Project Area



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