



Arrow Creek Hazardous Fuels Reduction

Partners and Collaborators:

- ✓ Friends of Arrow Creek
- ✓ Arrow Creek HOA
- ✓ Washoe County
- ✓ Nevada Division of Forestry

Acres to be Conserved or Treated:

- ✓ 178 acres of rangeland and riparian

Communities & Residents to be Affected or Protected:

- ✓ Arrow Creek Subdivision and others
- ✓ City of Reno
- ✓ ~5,000 residents
- ✓ 1,653 of structures

Watershed(s):

- ✓ Truckee Meadows watershed
- ✓ Serves Domestic and Agricultural Uses



Project Purpose

This project will improve the fire safety for the community of Arrow Creek in southwest Reno, Nevada. At least 178 acres will be treated to enhance the protection of life and property from catastrophic wildfire as well as maintain sustainable fresh water supplies for municipal, agricultural, and wildlife use.

Project Treatments

Hazardous fuel reduction through thinning of brush species and decreasing flammable annual grasses will be implemented in open spaces throughout the community using mechanical, chemical and biological techniques. Masticators will be used by contractors to thin the brush, and a combination of selective herbicides and seeding will be used to decrease cheatgrass. Hazardous fuels loads will be reduced from 10 tons/acre to 3 tons/acre

Anticipated Impacts & Outcomes

Treatment implementation may cause temporary, short-term [negative or positive] impacts to residents in these ways:

Short-term benefits include decreased hazardous fuels loads and impacts include some dust, soil exposure, and public education of fire adapted principles including defensible space maintenance practices.

Long-term anticipated outcomes include the Arrow Creek taking significant steps toward becoming a fire adapted community.

Project Details

Project Timeline	Start	to	End	Priority Landscape(s)
Project Scoping	12/2015		12/2016	Funding and treatments were targeted for this area because it is the Sierra Front priority landscape in the Nevada Natural Resources Action Plan (http://www.stateforesters.org/forest-action-plans/nevada).
Resource Inventory	3/2016		8/2016	
Planning	8/2016		12/2017	
Funding Search	8/2016		6/2017	
Funding Acquisition	7/2017		8/2017	
Contracting	8/2017		10/2017	
Implementation	5/2018		1/2019	
Monitoring	Ongoing			

Threats and Risks to the Area

ArrowCreek encompasses ~3,200 acres and has an 8.5 mile perimeter around the community, along with 1,700 County-owned acres of open space that surrounds the community on 3 sides. This condition, combined with the potential human and natural wildfire ignitions and regular Zephyr winds, creates a potential calamitous events whereby many homes and lives could be lost. In addition, wind-blown embers from wildfires outside the community are a major concern. Additionally, wildfires burning excessive hazardous fuels is not conducive to resilient and functioning ecosystems.

National and Nevada's Cohesive Strategy

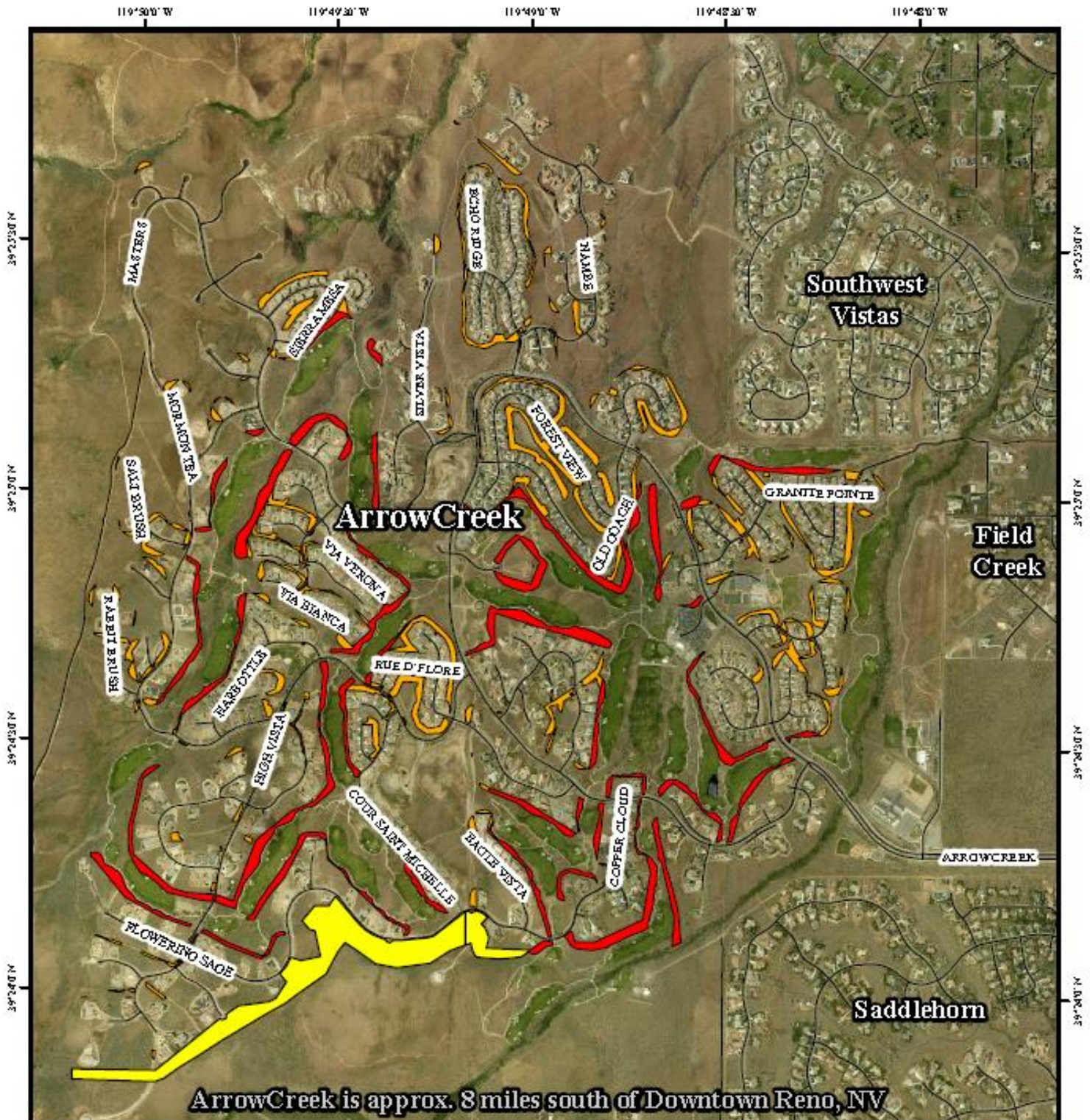
This project is part of the strategy because it allows federal, state and local agencies to be more effective and efficient at responding to and controlling wildfires, maintaining resilient landscapes, and creating fire-adapted communities.

Funding Source(s)

- Nevada Division of Forestry
- US Forest Service – State and Private Forestry – Hazardous Fuels Funds \$300,000
- Community and County Match \$69,000

For more information contact Ryan S. Shane at 775-684-2511 or rshane@forestry.nv.gov
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Hazardous Fuels Reduction A Collaborative Effort in the ArrowCreek Community



Legend

- Arrow Creek HOA
Hazardous Fuels Reduction - 66 Acres
- Friends Of Arrow Creek (FOA)
Hazardous Fuels Reduction - 76 Acres
- Washoe County
Hazardous Fuels Reduction - 36 Acres

