



Horse Creek Fuels Reduction

Partners and Collaborators:

- ✓ Carson City
- ✓ Nevada Land Trust
- ✓ The Nature Conservancy
- ✓ US Forest Service

Acres to be Treated:

- ✓ 130 of forest
- ✓ 25 of rangeland
- ✓ 10 of riparian

Communities & Residents to be Affected or Protected:

- ✓ Clear Creek Tahoe Subdivision
- ✓ Clear Creek community
- ✓ Carson City
- ✓ 1,000 + residents
- ✓ 200 + structures

Watershed(s):

- ✓ Clear Creek watershed
- ✓ Carson River



Project Purpose

This project will improve forest and riparian health on at least 140 acres and create enhanced conditions to better protect life and property from catastrophic wildfire as well as maintain sustainable water supplies for municipal, agricultural, and wildlife use.

Project Treatments

Hazardous fuel reduction, aspen restoration, forest restoration, and invasive species management will be implemented to areas surrounding Horse Creek and Clear Creek using hand and mechanical thinning, chipping, and prescribed fire implemented by NDF and contractors. The results will be a reduction of hazardous fuels and restored forest conditions.

Anticipated Impacts & Outcomes

- Short-term impacts may include visual and noise disturbance during project implementation. Short-term benefits include reduced fuel loading leading to reduced fire hazard.
- Long-term outcomes include improved resiliency of rangelands, riparian areas, and forests. Long-term benefits include improved forest health, reduced fire danger, and improved wildlife habitat.

Project Details

Project Timeline	Start	to	End
Project Scoping	Fall 2015		Fall 2017
Resource Inventory	Fall 2015		Fall 2017
Planning	Fall 2015		Fall 2017
Funding Search	Completed		
Funding Acquisition	Completed		
Contracting	Spring 2018		Fall 2020
Implementation	Fall 2016		Fall 2020
Monitoring	Spring 2017	Spring 2021	

Priority Landscape(s)

Funding and treatments were targeted for this area because it is in the Sierra Front priority landscape in the Nevada Natural Resources Action Plan (<http://www.stateforesters.org/forest-action-plans/nevada>).

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)

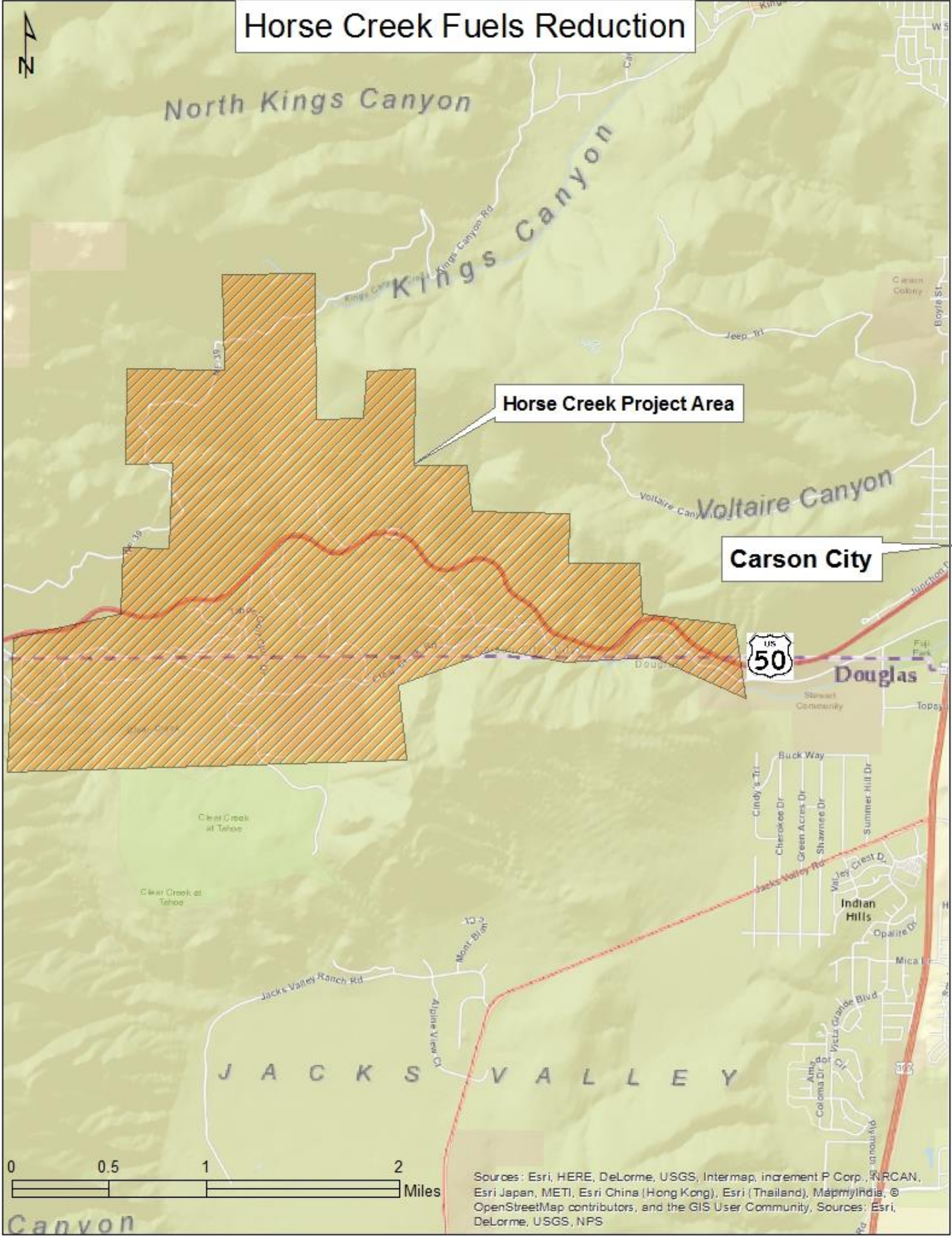
- Nevada Division of Forestry
- US Forest Service – State and Private Forestry
- Private citizens (through match)

Threats and Risks to the Area

Wildfire hazards exist to this area. The Highway 50 Fire 2003, Waterfall Fire 2004, Clear Creek Fire 2014, and the Voltaire Fire 2017 occurred in this area leading to the loss of dozens of homes while threatening hundreds more. Increasingly severe wildfires are threatening the health and function of these ecosystems because the fires alter the landscape by converting forests to shrublands and converting native shrublands to cheat grass monoculture.

For more info contact Anna Higgins at (775) 849-2500 ext 237 or ahiggins@forestry.nv.gov
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Horse Creek Project Area

Carson City

US 50

Douglas

JACKS VALLEY



Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), MapmyIndia, OpenStreetMap contributors, and the GIS User Community, Sources: Esri, DeLorme, USGS, NPS

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