



# Truckee River Restoration

## Project Purpose

This project will improve urban forest health on at least 7 acres along the Truckee River Trail in Sparks, Nevada. The trail is a heavily used and high value urban park trail within the city. Removal of dying and dead tress with hazard tree pruning will be accomplished. This project will enhance the urban forest conditions to better protect life and property along the trail corridor.

## Project Treatments

This project was completed in the winter and early spring of 2017 to minimize the impact to the public during the low use time of the year as per agreement with the City of Sparks, NV parks department. This also eased concerns for potential user conflicts and injuries to the public. Treatments focused on removing hardwood trees, dead branch wood that posed significant hazards to the public with overhanging branches. Trees were also pruned to improve tree health and aesthetics. The city removed dead trees, and provided labor and equipment to cut, remove and chip all woody debris.

## Anticipated Impacts & Outcomes

- Short-term benefits and impacts include removal of hazard trees along a heavily used recreational trail and aesthetics of the trail corridor are improved.
- Long-term anticipated outcomes include improved forest health of the residual trees. The residual trees will be more closely monitored for any dieback or decline, thus minimizing the potential for new

### Partners and Collaborators:

- ✓ City of Sparks, Nevada

### Acres to be Conserved or Treated:

- ✓ 7 acres of urban forest and riparian zone

### Communities & Residents to be Affected or Protected:

- ✓ Sparks, Nevada
- ✓ 100,000 residents

### Watershed(s):

- ✓ Truckee River watershed

## Project Details

### Project Timeline

Project Scoping	November, 2016
Resource Inventory	November, 2016
Planning	December, 2016
Funding Acquisition	2014-2019
Implementation	January-May 2017
Monitoring	Ongoing

### Threats and Risks to the Area

Threats were posed to the lives and property of the public along the trail corridor by hazardous trees that were dying or dead. Sustainability of this urban ecosystem health and function is important since it provides shade, clean air, and important wildlife habitat along the Truckee River. Additionally, it provides bank stability to this flood-prone area, which increases water quality and decreases erosion of flood plains.

### Priority Landscape(s)

Funding and treatments were targeted for this area because it is within 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 allows state and local municipalities to be more effective and efficient at maintaining resilient landscapes in this urban setting along the Truckee river riparian corridor.

### Funding Source(s)

- Nevada Division of Forestry
- US Forest Service – State and Private Forestry Western Bark Beetle grant.



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