

Forest Health and Watershed Improvement Through Noxious Weed Management

Truckee River Watershed Council, California
Department of Fish & Wildlife and Tahoe National
Forest with help from California Conservation Crew
Supported by Sierra Nevada Conservancy and Prop 1

Truckee River Watershed Council Weed Warriors

- Truckee River Watershed Council
- Tahoe National Forest
- California Department of Fish and Wildlife
- California Conservation Corp.
- The Martis Fund

Sierra Nevada Conservancy

- The SNC is a California State Agency that initiates, encourages, and supports efforts that improve the environmental, economic and social well-being of the Sierra Nevada Region, its communities and citizens of California.
- Funding for this project has been provided by the SNC under the Water Quality, Supply, and Infrastructure Improvement Act of 2014 (Proposition 1) grant cycle and in support of the Sierra Nevada Watershed Improvement Program.

Proposition 1

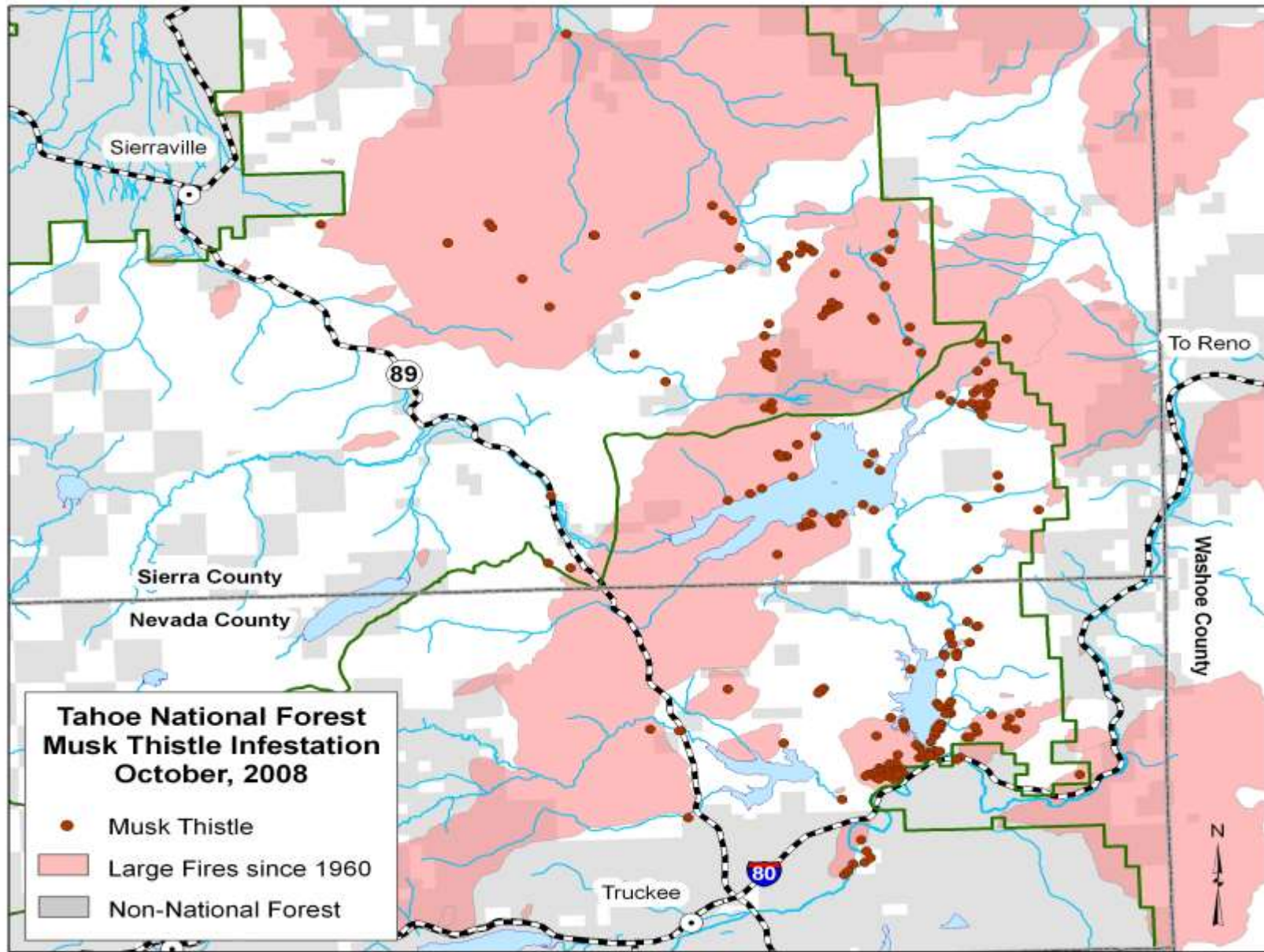
- Projects that protect and restore watershed health by improving forest conditions through treatments to prevent or treat forest pests and invasive species, as well as reforestation and implementation of suitable stand improvement activities after wildfire.

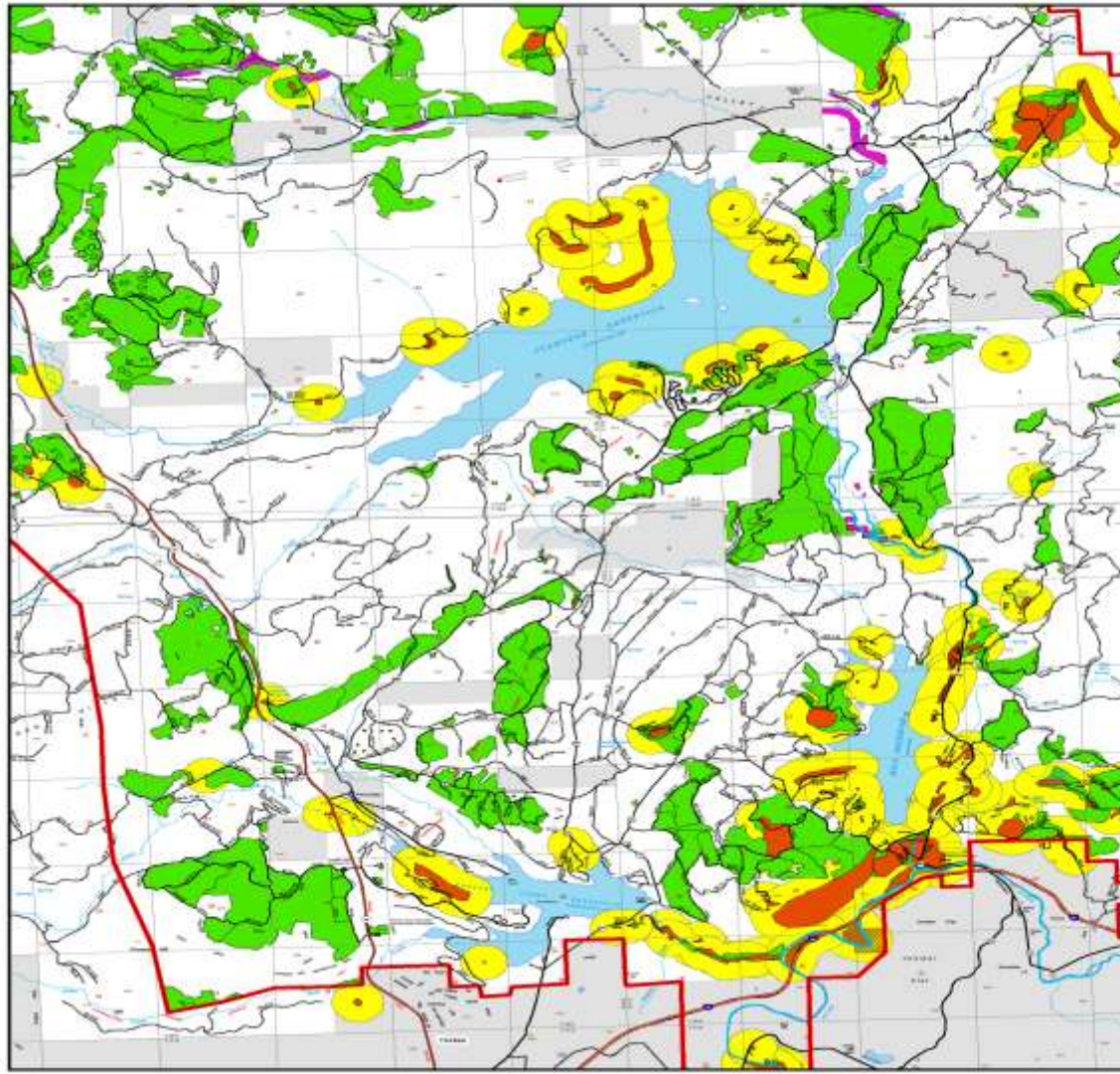
Boca Bridge site, over my head in musk thistle,
surrounded by yellow starthistle, July 2011



Grant total = 362,000









- Per Year
- Forest Service Temp Crew 48,000
- California Conservation Crop. Crew 48,000
- Truckee River Watershed Council 14,000





Forest Health and Watershed Improvement Through Noxious Weed Management

Truckee River Watershed Council

-  Noxious Weed Treatment Sites and Seed Spreading Sites
-  Noxious Weed Survey of Forest Health Projects
-  Noxious Weed Survey of Watershed Improvement Projects
-  Noxious Weed Survey of Treatment Buffers
-  Tahoe National Forest
-  California Dept. Fish & Wildlife
-  Non-National Forest
-  Project Boundary

Scale = 1:24,398
 0 0.5 1 2 3 Miles

6/13/2017



Primary objective is to improve habitat of floodplains and forests by controlling “A” and “B” rated weeds.

Three seasons for grant implementation:

1. Pull or spray musk thistle from late May through late July, before seed dispersal.
2. Survey approx. 6,000 acres per year of Forest Health and Watershed Improvement Projects to look for new infestations of invasive plants.
3. Plant with native seed to fill in bare soil areas to prevent erosion.



CDFW Union Ice Unit, Truckee Wildlife Area



CDFW Union Ice Unit, Truckee Wildlife Area

Left uncontrolled, musk
thistle often becomes a
dominant component of the
floodplains.



**Forest Service site along the
Truckee River railroad tracks
at the base of Boca Hill**

CCC helping Forest Service crew
to pull musk thistle.



Boca, Prosser and Stampede Reservoirs provide large shorelines between high and low water which offer openings for infestations.



CDFW preparing to survey



Many of the large sites from past efforts are looking better in 2015 when compared with large stands of musk thistle, found in 2005.



Boca Bridge Site 2017



The last stage in the grant implementation cycle, is to plant the openings with native seed.





Many Thanks to all of our sponsors, partners
and collaborators including:

Sierra Nevada Conservancy

Truckee River Watershed Council - Weed Warrior Program

California Department of Fish and Wildlife

US Forest Service – Tahoe National Forest

California Conservation Corp.

The Martis Fund

California Invasive Plant Council

Placer and Nevada County – California Department of Food and Agriculture

Sierra and Nevada County RAC funds

Truckee Donner Land Trust

Bureau of Reclamation

Thanks to all crew members who have done most of the real hard work!