



## Rosewood Creek Restoration - Middle Reach (Area A)

<b>Project Number</b>	01.02.01.0025		
<b>Action Priority</b>	Restore Priority Meadows, Wetlands, and Lake Tahoe Tributaries		
<b>Implementers</b>	Nevada Tahoe Conservation District		
<b>Supporting Agencies</b>	Nevada Tahoe Resource Team – Nevada Division of State Lands, Tahoe Regional Planning Agency, U.S. Bureau of Reclamation		
<b>Primary Contact</b>	Meghan Kelly (mkelly@ntcd.org)		
<b>Stage</b>	Completed	<b>Duration</b>	2009 - 2016
<b>Total Project Cost</b>	\$2,750,670	<b>Funding Request</b>	\$0

### Watershed Restoration Program ➤ Restore Priority Meadows, Wetlands, and Lake Tahoe Tributaries

This stream restoration project included the construction of a new channel along 90 percent of this reach to improve riparian functions, reduce stream velocities during high flows, improve forest health with selective tree thinning, and improve fish habitat by removing obstructions. The new channel was engineered to prevent further bed and bank erosion, reconnect the stream to the surrounding floodplain, and promote reestablishment of viable fish populations in Rosewood Creek by improving the stream geometry.

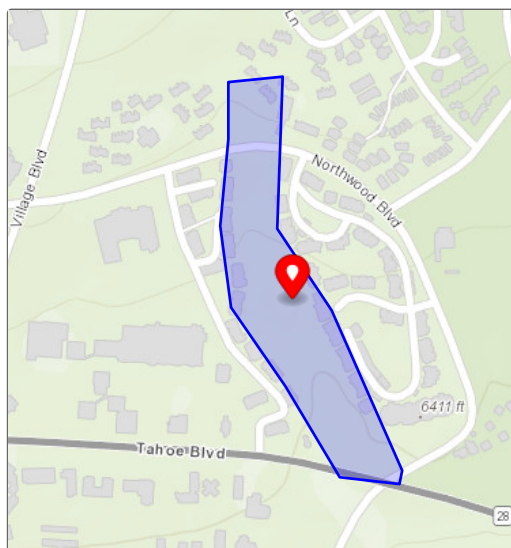
#### Targeted Performance Measures

- Acres of Forest Fuels Reduction Treatment
- Acres of Habitat Restored or Enhanced
- Linear Feet of Stream Channel Restored or Enhanced

#### Threshold Categories

- Fisheries
- Vegetation Preservation
- Soil Conservation
- Water Quality

#### Location



Former channel filled and revegetated - May 2016

#### Targeted Funding

- Secured Funding: SEZ Mitigation Funds (TRPA), \$53,000
- Secured Funding: Tahoe Bonds Act (NDSL), \$667,670
- Secured Funding: U.S. Bureau of Reclamation (USBOR), \$2,030,000



## Photos

### Before



Culverts below Northwood before construction



Rosewood Creek Area A prior to restoration

### During



Construction of channel and floodplain Sept 2012



Building channel and floodplain Sept 2012

### After



Post construction May 2016



Floodplain 1.5 years after construction - May 2016