

## Angora Ecosystem Restoration Project – Possible Actions

1. Reforestation on approximately 1100 acres
  - In areas where mortality is high and in a natural group and clump arrangement in widely spaced clusters to emulate a naturally established forest, rather than a plantation.
  - To include shade intolerant and drought tolerant native species: Jeffrey Pine, Sugar Pine and Incense Cedar
  - Leave unplanted areas within to provide for different types of vegetation
  - Prep the site by clearing brush prior to planting
  - Clear competing brush by hand to allow for survival of seedlings until they reach a sufficient height.
  
2. Remove and reduce standing and downed dead fuels to reduce wildfire risk and facilitate fire suppression in the Wildland Urban Interface.
  - Retain leave islands (clusters of standing dead trees) for wildlife habitat on a minimum of 10% of the area.
  - Remove fuels on up to 1550 acres within the Angora Fire WUI Defense Zone (based on topography and prevailing winds)
    - 1200 acres ground based equipment and 340 acres aerial removal
    - Would require approximately 7.1 miles of existing non-system roads and 1.4 acres of new temporary roads. Temporary roads would be restored after project activities are complete
  
3. Aquatic Habitat and Water Quality Restoration
  - Restore floodplain on an estimated 1200 feet of stream to reduce erosion/sedimentation downstream
  - Place large woody debris placement on approximately 2 mi of stream to restore fish habitat and reduce erosion and sedimentation.
  - Activities would occur above Lake Tahoe Blvd, along Angora Creek and its tributaries
  - Restore channel to Pope marsh
  - Seneca Pond management – maintain manmade pond structure or allow to return to a more natural wetland condition
  - Fish passage restoration: removing barriers that prevent fish from reaching needed habitats
  
4. Stream Environment Zone Restoration
  - Meadow management - tributaries to Pope marsh and other meadows within fire
  - Removal of conifer seedlings in SEZs to allow for return of streamside (riparian) vegetation
  - Aspen management – remove standing and downed trees and coarse woody debris in aspen stands to encourage regrowth of aspen

#### 5. Road and Trail Restoration

- Develop a sustainable transportation system to ensure future access needs for recreation and administrative use
- Upgrade/adopt/re-route/reconstruct/decommission system and non-system roads/trails
- Depends on fuel reduction/removal
- To reduce erosion/sedimentation
- Evaluate stream crossings for impacts to aquatic species/habitat and water quality

Table 1. Approximate Range of Actions for Road and Trail Restoration In Angora Fire Area

	Trails (Mi)	Roads (Mi)
Decommission legacy	3-5	1-3
New/Reroute	1-3	1-2
Upgrade	5-7	1-2

#### 6. Noxious Weed Management

- Continue removing noxious (harmful) weeds throughout burned area by pulling or using chemical treatments
- Incorporate or adopt a rapid response plan for removal of new noxious weeds in burned area

#### 7. Incorporate research and monitoring strategies within the burned area