

Conservation-Based Approaches for Landscape-Scale Fuels Management Projects

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Funding for RCD's fuels reduction projects is provided by the California Department of Forestry and Fire Protection's as part of the California Climate Investments and Fire Prevention Programs

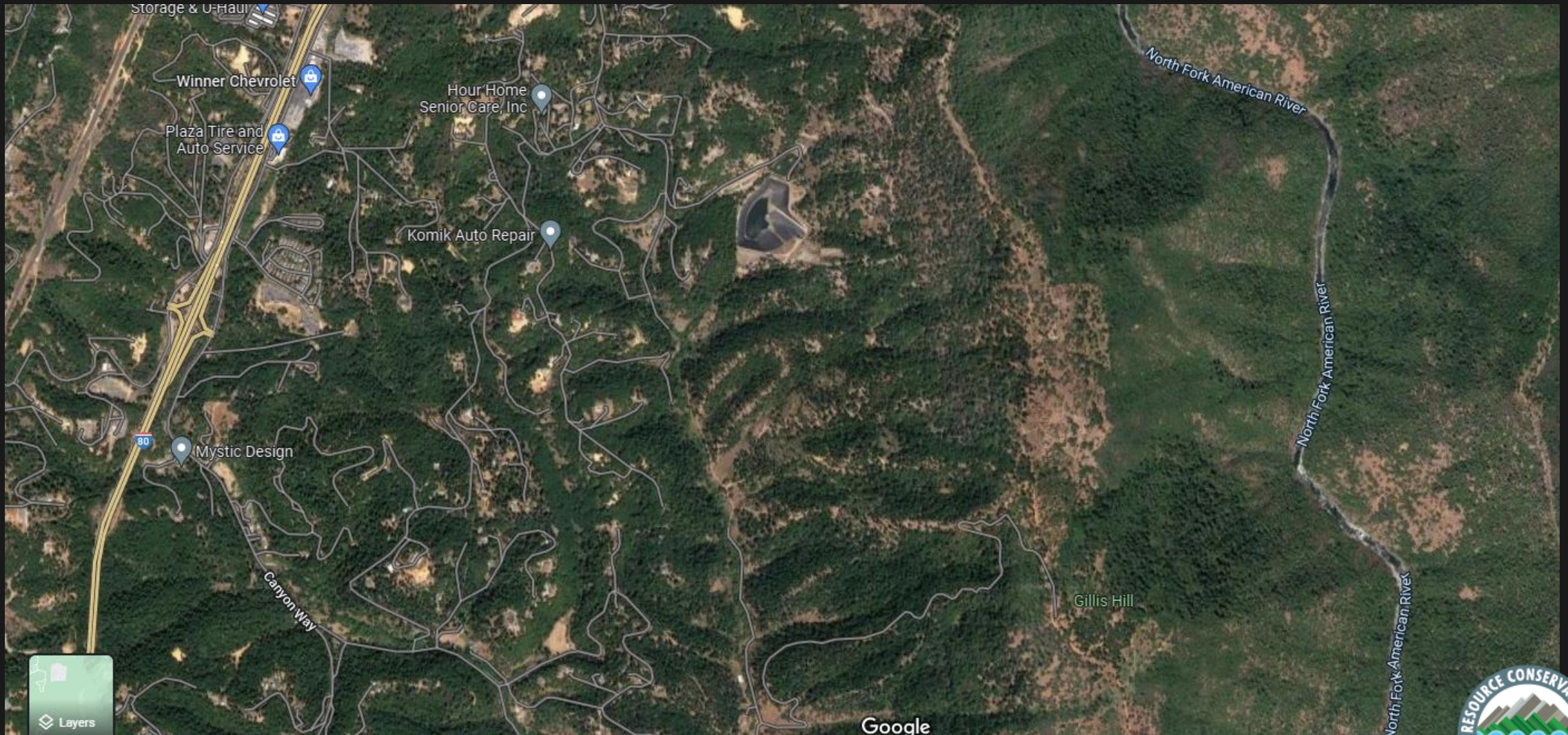


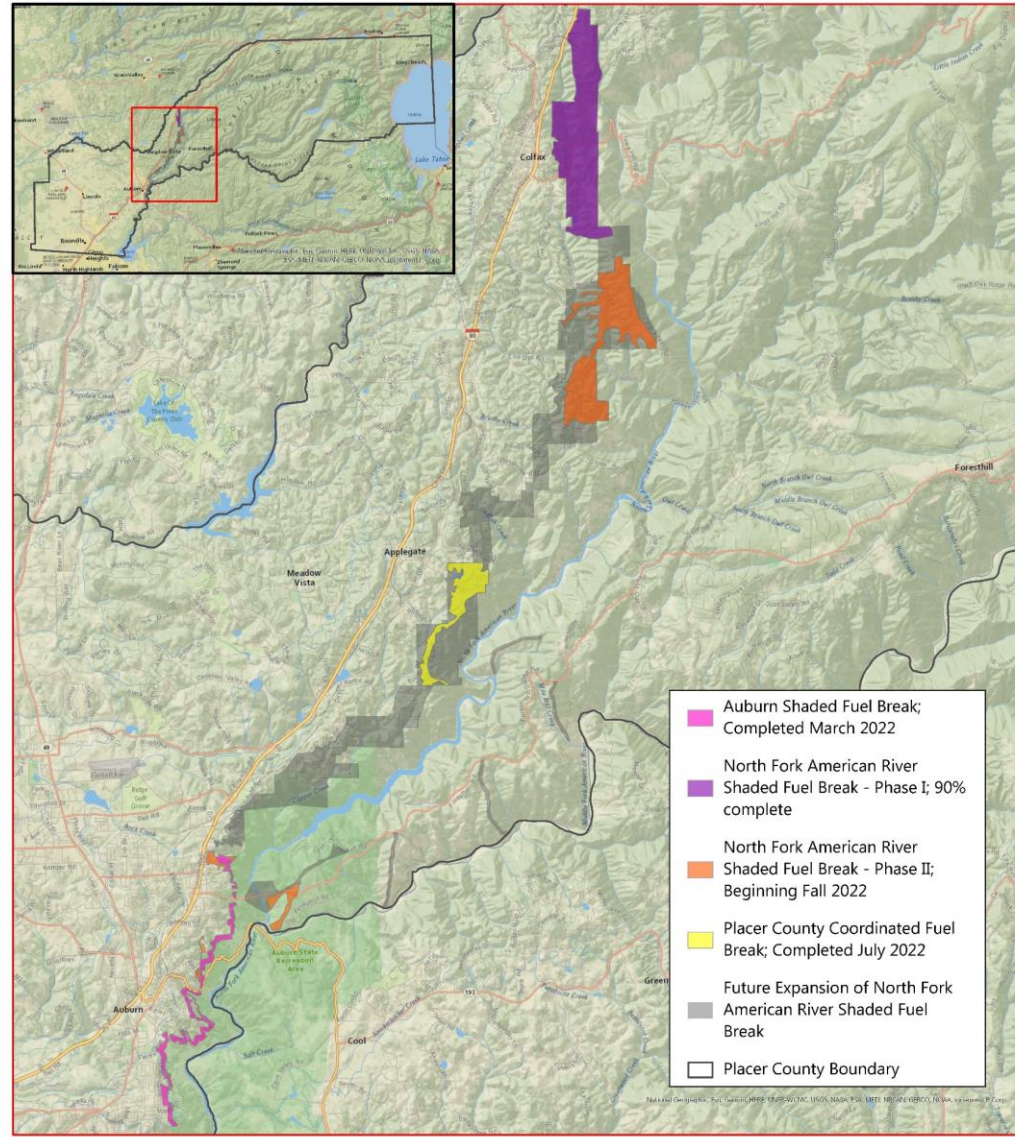
What is the Purpose of a Shaded Fuel Break?

- **“Thin from below” to create canopy spacing and slow fire spread**
 - **Remove/rearrange ladder fuels to reduce risk of crown fire**
- **Improve firefighting conditions for the protection of life, property, and natural resources**
- **Improve ingress/egress routes for evacuation and fire personnel**



North Fork American River Shaded Fuel Break





0 1 2 4 6 8 Miles

Funding for this project provided by the California Department of Forestry and Fire Protection's Fire Prevention Program



Fuels Reduction as a Restoration Tool



Mixed conifer forest from Chiquito Basin on the Sierra National Forest. Photo taken in 1914 by E. G. Dudley (USFS Bass Lake Ranger District historic photo archives; photo no. HP00971).

“With the contemporary increase in compounding stresses such as drought, bark beetles, and high-severity wildfire, resilience in frequent-fire forests may hinge on creating stands with significantly lower densities and minimal competition.”

North et. al, 2022























Lessons Learned

- 1. Partnerships are key to success**
- 2. Maintenance is essential!**
- 3. Consider the long-term effects of treatments**
- 4. Maps, notes and PHOTOS**
- 5. On-site crew management**



Questions?



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