

STONY GORGE WILDFIRE PREVENTION





Pre-Implementation



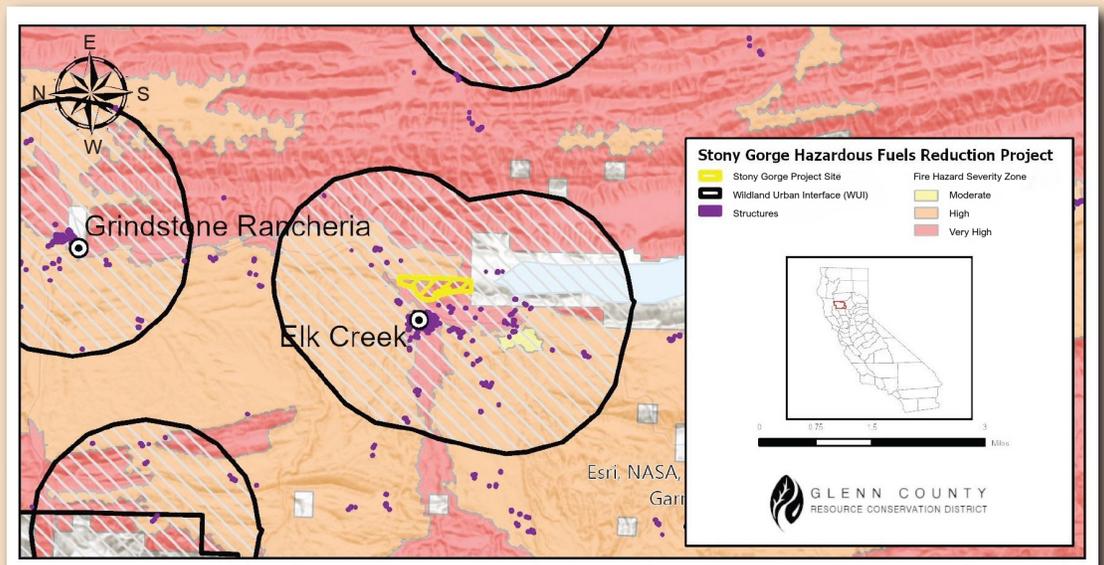
Post-Implementation

Stony Gorge Hazardous Fuels Reduction Project

The Stony Gorge Hazardous Fuels Reduction Project is a 121-acre fuels reduction project in a critical location in western Glenn County, California. The Project addresses the risk of wildfire, reduces wildfire potential, and increases community resiliency. The project consists of vegetation clearance to reduce wildfire intensity, rate of spread and creates a fuel break above Elk Creek should a fire start in the public areas of Stony Gorge Reservoir and Campgrounds.

The objective of this project was to remove invasive shrubs (including chaparral), brush and fallen trees. Mechanical treatment was utilized for most of the site (~100 acres) using a root rake or similar mechanized option. When mechanical operations were not feasible such as slopes greater than 40% or rocky terrain, manual/hand treatment was used (~21 acres). Unhealthy or dead trees were removed as well as previously fallen trees. Vegetation generated from operations was conservation burned. Once initial operations are completed, herbicide application was utilized as maintenance on regrowth since the removal of the invasive shrubs, brush and fallen trees.

Scan to visit Project Video





MECHANICAL/HAND WORK

The objective was to remove invasive shrubs (including chaparral), brush and fallen trees. Mechanical treatment was utilized for most of the site (~100 acres) using a root rake or similar mechanized option.

AERIAL SEEDING

At the private landowner's request, the Glenn County RCD coordinated aerial seeding in order to help mitigate potential erosion. Glenn County RCD partnered with USDA-Natural Resources Conservation Service (NRCS) as well as U.C. Cooperative Extension (UCCE) to determine a viable seed mix for the project site.



EROSION CONTROL

To further mitigate erosion, straw was blown on the project site. The straw will help with erosion control practices as well as stabilize bare soil.

CONSERVATION PILE BURNING

Smoke production and carbon emissions were mitigated by using conservation burn techniques. The residual biomaterial will be integrated into the soil; subsequently increasing soil organic matter and carbon sequester.



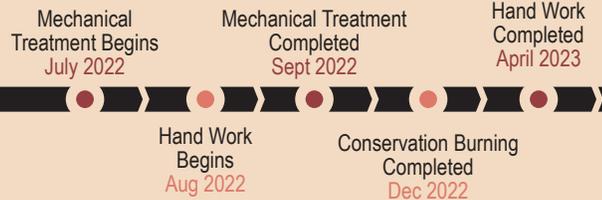
GRAZING

The area, previously covered thick with brush, is now an open space utilized by the private landowner for livestock grazing. This maintenance component allows for longevity of the project.

Planning Key Events



Implementation Key Events



Maintenance Key Events





ACCOMPLISHMENTS

This landscape conversion project serves as an excellent demonstration of hazardous fuel management. Our partners hope it inspires other ranchers to implement Wildfire Prevention treatments that encourage the productive use of additional grazing lands, helping to reduce flame length and intensity in the event of a fire start. Lower fuel levels ultimately create safer conditions for fire personnel and increase the likelihood of successful wildfire suppression.

The combination of herbicide application and livestock grazing provides long-term maintenance, ensuring the project's benefits will be sustained for years to come. The Glenn County Resource Conservation District sincerely thanks the private landowners, contractors, and partners whose collaboration and dedication were essential to the success of this project.

We invite ranchers and private landowners interested in participating in similar wildfire prevention projects to reach out to us.

RECOGNITION

"Funding for this project provided by the California Department of Forestry and Fire Protection's Fire Prevention Program as part of the California Climate Investments Program."

"STONY GORGE HAZARDOUS FUELS REDUCTION, is part of California Climate Investments, a statewide program that puts billions of Cap-and-Trade dollars to work reducing GHG emissions, strengthening the economy, and improving public health and the environment— particularly in disadvantaged communities. The Cap-and-Trade program also creates a financial incentive for industries to invest in clean technologies and develop innovative ways to reduce pollution. California Climate Investments projects include affordable housing, renewable energy, public transportation, zero-emission vehicles, environmental restoration, more sustainable agriculture, recycling, and much more. At least 35 percent of these investments are located within and benefiting residents of disadvantaged communities, low-income communities, and low-income households across California.

For more information, visit the California Climate Investments website at: www.caclimateinvestments.ca.gov."

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Project
Website**

