

Sierra Nevada Conservancy-Progress Report

**Sierra Nevada Conservancy Grant Program
Safe Drinking Water, Water Quality and Supply, Flood Control
River and Coastal Protection Act of 2008 (Proposition 84)**

Grantee Name: Butte County Fire Safe Council

Project title: Feather Falls Shaded Fuel Break Phase III

SNC Reference Number: G0721002 **Submittal Date:** March 15th, 2012

Report Preparer: Calli-Jane Burch **Phone #:** 530-877-0984

Check one:

6-Month Progress Report

Final Report

6-Month Progress Reports should reflect the previous six months. **Final Reports** should reflect the entire grant period.

A. Progress Report Summary: (Please provide a general description of work completed during this reporting period.)

March – April 2011

A contract for fuels reduction work was reviewed and signed by Butte County Public Works.

May – June 2011

Butte County Public Works; planned fuels reduction work, began and completed the first phase of work. This allowed BCFSC to spend out the first advance and request the second advance funds.

August – October 2011

Interest tracking, invoice documentation follow up, advance funds received and deposited to separate interest bearing account.

November 2011

Pre holiday season communication with Butte County Public Works to determine work start date for second phase.

January – February 29, 2012

Butte County Public Works Department began the final phase of the project with a total of 16 days of work. The project is completed.

B. Deliverables or Outcomes completed during this Reporting Period or Milestones Achieved: (Include specific information, such as public meetings held, agency participation, partnerships developed, or acres mapped, treated or restored.)

Deliverables as noted in Appendix A of the grant agreement:

Deliverable 1. Complete on-the-ground work for three sites

- Site 1. Work was completed in the 8 mile project zone of Shaded Fuel Break up to 15 feet either side of the road in the County right of way. In some areas work was completed up to 200 feet either side of the road with property owner permission.
- Site 2. Work at Feather Falls School was completed.
- Site 3. Work at the Enterprise Boat Launch was treated with a prior phase of the grant which was funded by proposition 40.

Deliverable 2. Review of Shaded Fuel Break by Butte County Fire Safe Council (BCFSC)

- BCFSC conducted a site visit of the project area on February 8th 2012.

C. Challenges or Opportunities Encountered: (Please describe what has worked and what hasn't; include any solutions you initiated to resolve problems. If your project is not on schedule, please explain why here.)

The primary challenge was waiting for the final portion of the project to be completed. However the project was completed on time.

D. Unanticipated Successes Achieved: (Please describe any additional successes beyond completing scheduled tasks or meeting scheduled milestones.)

The Feather Falls Community is very appreciative of the project and sent a letter to the stakeholders expressing their gratitude. A hard copy and electronic copy of the letter will be mailed to the Sierra Nevada Conservancy (SNC).

The Feather Falls Fire Safe Council remains to be active and involved in the community through an annual roadside clean-up day and acts as an information resource to inform residents of wildfire hazards and program opportunities.

E. Compare Actual Costs to Budgeted Costs: (Please refer to your grant agreement to list your deliverables/budget categories and budgeted costs compared to actual costs incurred during this reporting period in the table below.)

PROJECT BUDGET CATEGORIES	Budgeted SNC Dollars	Actual Dollars
Contracts for Fuel Reduction Work	\$87,600	\$80,730.62
Project coordination and oversight	\$6,480	\$5,541.22
Project expenses including travel	\$4,900	\$1,577.31
GRAND TOTAL	\$98,980	\$87,849.15

Explanation: (if needed)

Unspent interest totals \$13.07 and is being returned to the SNC.

Unspent Funds will be returned after the final invoice is submitted and the SNC guides us as to how the encumbrance impacts the unspent funds and advises BCFSC on the amount we need to return.

F. Do you have information to report on the project-specific Performance Measures for your project? (If so, please list the Performance Measures below and describe your progress.)

Please see page 7 for the final report performance measures section.

G. Were there any other relevant materials produced under the terms of this Agreement that are not a part of the budgeted deliverables? If so, please attach copies. (Include digital photos, maps, media coverage of project, or other work products.)

An Evacuation Plan for the Feather Falls Community was created during the life of the project. The Evacuation Plan complements this grant project because it targeted residents in the 8 mile section of Lumpkin Rd. of the Feather Falls Community where the Shaded Fuel Break was constructed.

The Feather Falls Fire Safe Council applied for a grant to complete an Evacuation Plan for their community in 2006. The project brought together local residents and Cal-Fire stakeholders. The Forbestown Ridge Fire Safe Council which neighbors the Feather Falls FSC also asked to be included in the evacuation plan and participated in collaboration on its development. The plan was funded by HR2389 Secure Rural Schools and Self Determination Act.

The final product was completed and mailed to residents of both Feather Falls and Forbestown in 2010. A hard copy and electronic copy of the plan will be mailed to the SNC.

H. Next Steps: (Work anticipated in the next 6 months, including location and timing of any scheduled events related to the project.)

The project is completed.

Please Complete this Section for FINAL Report ONLY

Capacity-Building Results and Collaboration and Cooperation with Stakeholders:

(What partnerships did you initiate or strengthen as a result of this project? How did they affect the project outcome? If applicable, how did this grant increase your organization's capacity? What is your plan to sustain this increase?)

A. What partnerships did you initiate or strengthen as a result of this project?

The following partnerships were strengthened:

Feather Falls Fire Safe Council (FFFSC)

The FFFSC was instrumental in assisting with the 2008 wildfire siege which caused a significant impact to the community. The FFFSC provided wildfire updates to local residents who had evacuated and food for fire fighters stationed at their Grange. The FFFSC continues to assist their neighbors by promoting the chipper program and has a volunteer in the community available to check on the chipper piles and to give advice on preparing fire clearance. The FFFSC has helped provide fire safety clearance for elderly community members and assisted with outreach for the "Residents Assistance Program". The FFFSC was instrumental in developing the communities evacuation plan. The FFFSC's actions strengthened the relationship with BCFSC and in 2010 a MOU clarifying the relationship between the two groups was established. As part of the relationship the BCFSC provides a small amount of funding for the FFFSC to carry out its education efforts.

Butte County Agricultural Department (BCAD)

The BCAD had taken lead on a stakeholder driven "Weed Management Area" grant proposal to help control invasive/fire hazardous "Broom" (Spanish, French and Scotch Species) throughout Butte County and in the project area. The proposal from the Weed Management Area group was not successful however the BCAD continued to apply for grants and received one! The grant provided funding to their department to spray invasive Broom along Lumpkin Rd. This provided important maintenance on Broom which had been removed in the prior phase of the project. Their efforts strengthened the relationship with BCFSC as the two organizations continue to educate residents in the area about Broom.

Butte County Public Works Department (BCPWD)

The BCPWD was unfamiliar with the methods BCFSC had used to create roadside shaded fuel breaks in various parts of the County. A meeting was held in March of 2011 to share the history of the Feather Falls Shaded Fuel Break project and to discuss strategies for treatment of the fuels along the road. At the meeting the use of Cal-Fire Conservation Crews was discussed. The BCPWD had not been using the crews on their projects but after the meeting they entered into a contract with the crews for roadside line of sight and thinning projects. This strengthened the relationship between the two organizations tremendously. In the spring of 2011 the Forbestown Ridge Fire Safe

Council asked BCFSC asked BCPWD to write a grant to treat roadside fuels along Forbestown Rd. which is in the neighboring side of the watershed to Feather Falls. For the first time ever BCPWD wrote a grant with the purpose of both roadside line of sight and fire safety. They were successful in receiving a RAC grant to treat in the right of way for watershed benefits. The grant is still in the paperwork process however once the project begins this will strengthen fire fighter efforts to reduce the spread of wildfire into the watershed.

Cal-Fire Butte County Fire Department

The relationship between CFBCFD and BCFSC has been historically very strong however this project continued to build on that foundation. The CFBCFD provided time for their Pre fire engineer to assist in coordinating the grant funds for the evacuation plan, provide mapping for the evacuation plan and mapping of the project. During the life of the grant the Pre fire engineer had an opportunity to promote to a new position in which he gave advice on the development of the new "Cal-Mapper" database. The Pre fire engineers experience on this project and others in the county allowed him to strengthen the relationship between fire safe councils and Cal-Fire at a state wide level by creating an interface in which on the ground fuels activities as well as education activities can be mapped at the state level. The new Pre fire engineer has been integral in recording data from this project and putting it into the new Cal-Mapper database in the hopes that in the event of a future fire the project area will be on a map which fire fighters can access from any part of the state.

US Forest Service

The USFS has had plans to treat forest land in their "SLAP JACK" project which tied directly to this project for many years. There came a day when fuels reduction efforts from both projects indeed tied together. This strengthened the relationship between the two organization/agency by showing how landscape level forest health efforts take partners working together. The USFS participated in two tours of the project and continues to sit on our Board of Directors to ensure that the two organizations are in close communication.

B. If applicable, how did this grant increase your organization's capacity? What is your plan to sustain this increase?

The project did increase our capacity by strengthening partnerships and creating fire safety education opportunities in the Feather Falls Community. Our plan to sustain the increase is to continue to be in communication with partners and community members through newsletters, flyers, newspaper articles and face to face meetings.

Description of Project Accomplishments:

- 1. Most Significant Accomplishment** - Describe in one concise, well-written paragraph, the most significant accomplishment that resulted from this grant.

The most significant accomplishment of the project is that it protects the Feather River watershed from wildfire. This is a landscape level project which connects to the US Forest Service SLAP JACK project and provides significant defense areas for fire fighters in the event of a wildfire.

2. WOW Factor

If applicable, please describe anything that happened as a result of the project or during the project that is particularly impressive.

The WOW Factor is the strengthening of partnerships and their results as outlined above under the heading **Capacity-Building Results and Collaboration and Cooperation with Stakeholders.**

3. Design and Implementation - When considering the design and implementation of this project, what lessons did you learn that might help other grantees implement similar work?

This was a very successful project in its design. Using the combination of private contractors, conservation crews and Butte County public works crews produced a very well-constructed project.

4. Indirect Impact - Please describe any indirect benefits of the project such as information that has been developed as a result of the project is being used by several other organizations to improve decision-making, or a conservation easement funded by this grant that encouraged other landowners in the area to have conservation easements on their property.

The indirect impacts of the project are as follows;

1. Improved wildfire clearance in the 100 foot home zone and along driveways of residents in the area. There were over 20 requests for Chipper service and 13 completed residents assistance projects in the community during the life time of the grant.
2. Improved level of understanding about how wildfire works and how to be prepared. Participants in the project have received a number of education newsletters and have had access to flyers and brochures handed to them in person.
3. Improved ability of fire fighters to find homes in the community. Throughout the project the project monitor and Feather Falls FSC have promoted and distributed reflective address signs to improve the ability to find residents at night and during the day since many address signs are wooden/spray painted to put in hard to find locations.

5. Collaboration and Conflict Resolution

If you worked in collaboration or cooperation with other organizations or institutions, describe those arrangements and their importance to the project. Also, describe if you encountered conflict in the project and how you dealt with it, or if there was conflict avoided as a result of the project.

Collaboration with Butte County Public Works Department was arranged through a contract for service. This was a very helpful process which ensured that the Board of Directors of the Butte County Fire Safe Council and decision makers at Butte County Public Works were in agreement of the expectations and funding for the project. There was no conflict in the project.

6. Capacity-Building

SNC is interested in both the capacity of your organization, as well as local and regional capacity. Please describe the overall health of your organization including areas in need of assistance. SNC is interested in the strength and involvement of your board, significant changes to your staff, size and involvement of membership. In addition, describe how your project improved capabilities of partners, or the larger community.

A. Overall health of your organization including areas in need of assistance.

The Butte County Fire Safe Council is very a very healthy organization due to the following factors:

1. Strength and involvement of your board – there are 17 active stakeholder Board of Directors
2. Stable staffing of projects with two full time staff.
3. Size and involvement of volunteers. There are over 25 active fire safe council volunteers throughout the County.
4. Fire Safe Neighbors Membership Program. There are 1000 members who have made an annual tax deductible donation to the organization.

B. Our primary need for assistance is continuing to research appropriate funding opportunities. The organization has established the “Fire Safe Neighbors Program” to build sustainable funding for our core mission, however large landscape level fire safety projects will still be depended upon grant funding due to the size of the projects.

C. This project improved capabilities of Butte County Public Works Department (BCPWD) to utilize Cal-Fire Conservation Crews to improve wildfire safety along county roads. Prior to the project these crews had not been utilized in this way by BCPWD.

7. Challenges

Did the project face internal or external challenges? How were they addressed? Describe each challenge and any actions that you took to address it. Was there something that SNC did or could have done to assist you? Did you have to change any of your key objectives in response to conditions “on the ground”?

The project faced the challenge of the Budget Freeze which was in effect from December 2008 to August 2009. SNC staff helped in communication throughout the process.

8. Photographs

Grantees are strongly encouraged to submit photos, slides or digital images whenever possible. These images will be used for SNC publications such as annual reports or on the website. Please make sure you clearly identify location, activity, and your project with each submitted image. Images will be credited to the submitting organization, unless specified otherwise.

A CD of the project power point will be mailed to the SNC.

9. Post Grant Plans

What are the post-grant plans for the project if it does not conclude with the grant? Include a description of the following (if applicable): (1) Changes in operations or scope; (2) Replication or use of findings; (3) Names of other organizations you expect to involve; (4) Plans to support the project financially, and; (5) Communication plans?

The Feather Falls Fire Safe Council and Butte County Public Works will continue to be active in the project area.

10. Post Grant Contact

Who can be contacted a few years from now to follow up on the project? Please provide name and contact information.

Calli-Jane Burch, Executive Director. 5619 Black Olive Dr. Paradise CA, 95969. 530-877-0984. firesafe@buttefiresafe.org

SNC-approved Performance Measures: (Please list each Performance Measure for your Project, as identified in your Grant Agreement, and the results/outcomes.)

The approved performance measures from appendix B of the grant agreement are as follows:

1. Resources leveraged

Many resources were leveraged in the project as noted above;

- a) Funding to create an Evacuation plan for the area from HR2389 funds
- b) Volunteer time providing education about wildfire in the community from the Feather Falls FSC
- c) Fuels Reduction maintenance of "Broom" by Butte County Agricultural Commission
- d) Mapping and planning for the project area by Cal-Fire Butte County Fire
- e) Improved landscape level forest health with fuels treatments by US Forest Service
- f) Increased wildfire safety with the BCFSC Chipper and Residents Assistance Program being utilized voluntarily by community members.
- g) Increase ability of fire fighters to find residents through the distribution of reflective address signs by the FFFSC.

A. Impact on collaboration and cooperation among stakeholders - Please see above on page 4 under the section titled "**Capacity-Building Results and Collaboration and Cooperation with Stakeholders**"

B. Capacity building within the region - Please see above on page 6 under the section titled "**Capacity-Building**"

C. One-page description of Project accomplishment - Please see above on page 4 under the heading "**Description of Project Accomplishments**" items 1-4.

D. Number of acres/miles treated and amount of tonnage of fuels material removed

- Acres Treated this Reporting Period = 8.5 total acres
- Acres Treated in prior Reporting Periods = 16
- Total Acres Treated for the entire project (16 + 8.5) = 24.5
- Project Goal was 18 acres

E. Number of Properties, including structures and types, now protected by the fuel break.

There are 162 parcels in the project area which are now protected by the fuel break. Structures types vary from small trailers to large homes. Total structures is estimated at 2,500 which is half the population of area and assumes most households have an average of two residents. Census data from 2010 shows that there are 5,000 residents in Feather Falls. Due to the projects location along the road where many fire starts occur all residents of Feather Falls are protected by the project.

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The background image shows a lush green forest in the foreground, leading to a valley with a large reservoir. The sky is blue with some clouds. The text is overlaid on the top half of the image.

Feather Falls Shaded Fuel Break III
Lumpkin Rd., Feather Falls
Creating Fire Safety
A Community Success Story

Thank you Partners and Stakeholders

- Sierra Nevada Conservancy
- Cal-Fire Butte County Fire
- Feather Falls Fire Safe Council
- Feather Falls School
- Department of Water Resources
- Butte County Public Works
- Butte County Agricultural Department

Entrance to the Project



WELCOME FEATHER FALLS
BE FIRE SAFE
DAVID SON

WELCOME TO FEATHER FALLS
BE FIRE SAFE

DAVID SON Drilling Co.
PH 530-589-3914
OREVILLE, CA

Feather Falls
Shaded Fuel Break
Fire Hazard Reduction

ESSEX COUNTY FireSafe COMMUNITY

CALIFORNIA DEPARTMENT OF FORESTRY
OFFICE OF FIRE PREVENTION

FUNDED BY: A PROPOSITION 40 GRANT THROUGH CAL-FIRE

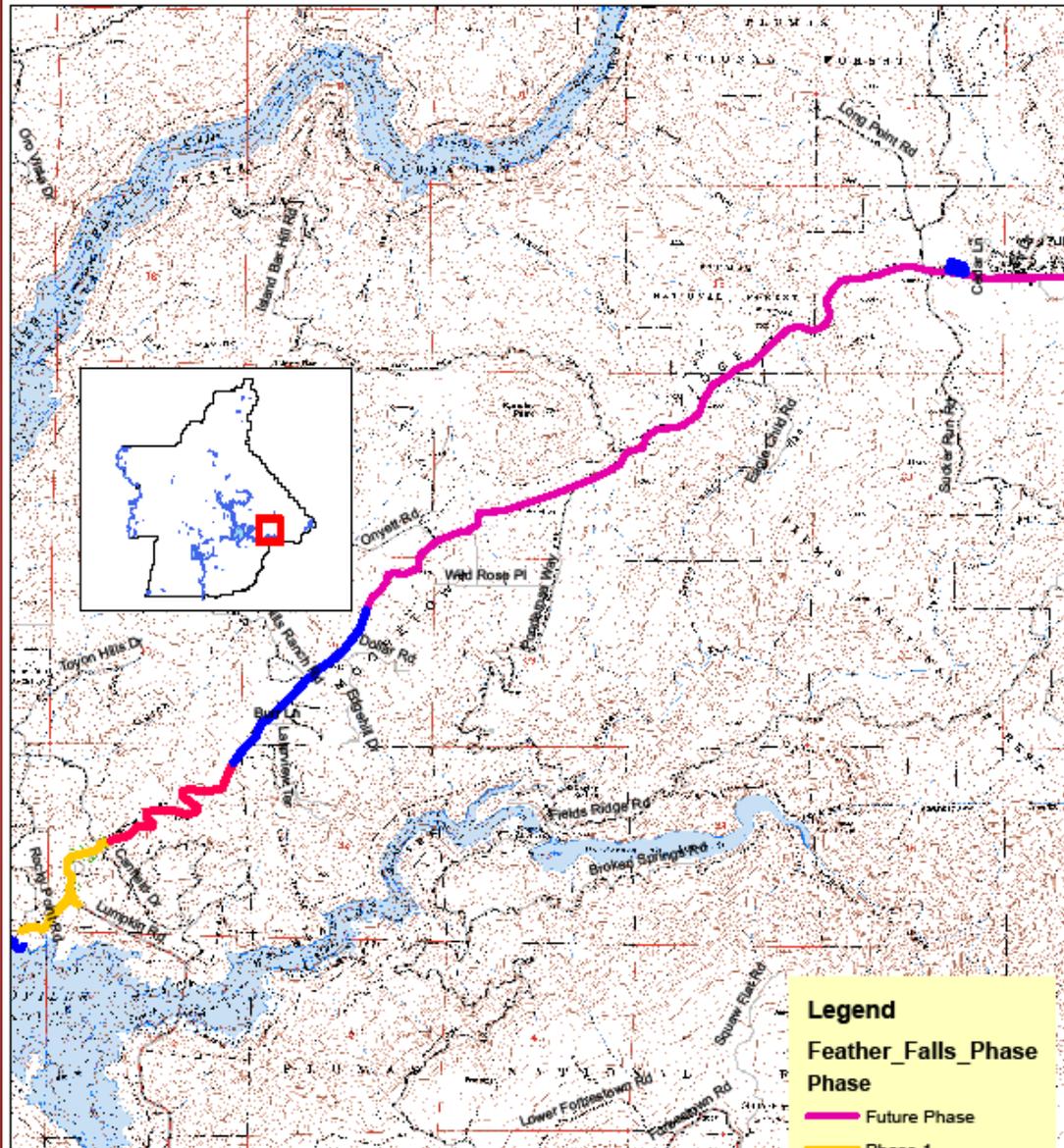
Protecting the Feather River Watershed



Road Sided Fire Hazards



Feather Falls Shaded Fuel Break



Scotty Jones
CAL FIRE PFE
Sierra Grant Feather Falls
11-15-07

Legend

Feather_Falls_Phase

- Future Phase
- Phase 1
- Phase 2
- Phase 3

History – Phase I- II

First grant written 2006 –

Cal-Fire Partnership



Project Connects to USFS SLAP JACK Project



SLAP JACK – Feather Falls

4-13-10



Includes DWR – Boat Launch



Ends at Feather Falls School

Feather Falls



UNION

SCHOOL



SUCKER RUN
MINING
CO.

DEBBIE HELLS
ELM SCH

MINERS CAFE

ASSAY
OFFICE

8 Miles of Roadside Treatment



Press Coverage after 2008 Wildfires

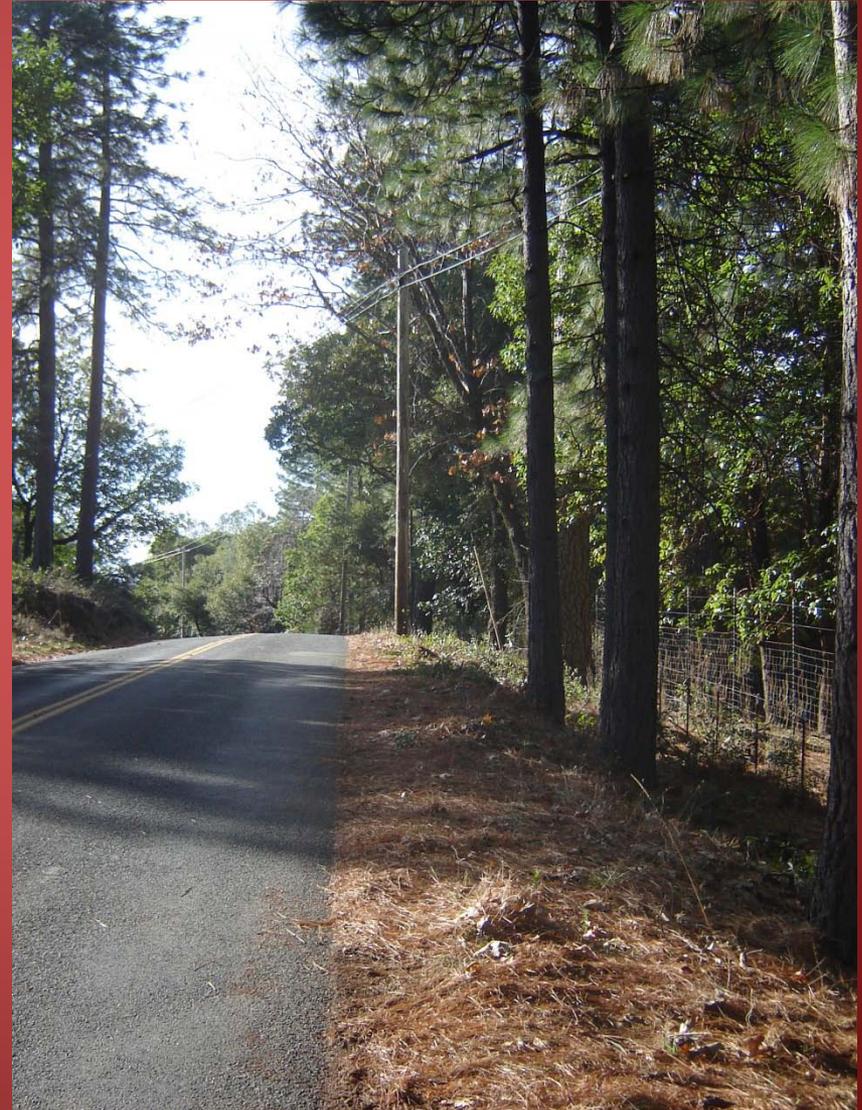


Craig Fire – August 2008





Before and After Photos



Before and After Photo





Feather Falls & Forbestown Ridge Wildland Fire & Evacuation Plan



There's only one way out!
Are you prepared?



American
Red Cross

Keep a copy of this plan in your car and home.

*Details inside on
these seven steps
you can take now:*

- Get ready early.
- Preparing for embers.
- Evacuation advisories to be prepared for.
- An evacuation checklist.
- If a wildfire approaches...
- What if you become trapped?
- Your safety plan.

HR2389 Grant Funds

Feather Falls Fire Safe Council Forms April 2006 and remains active through the project



Cal-Fire Cal Mapper Database and Feather Falls Fire Safe Council Members



Butte County Public Works Department



Site Visit with Sierra Nevada Conservancy

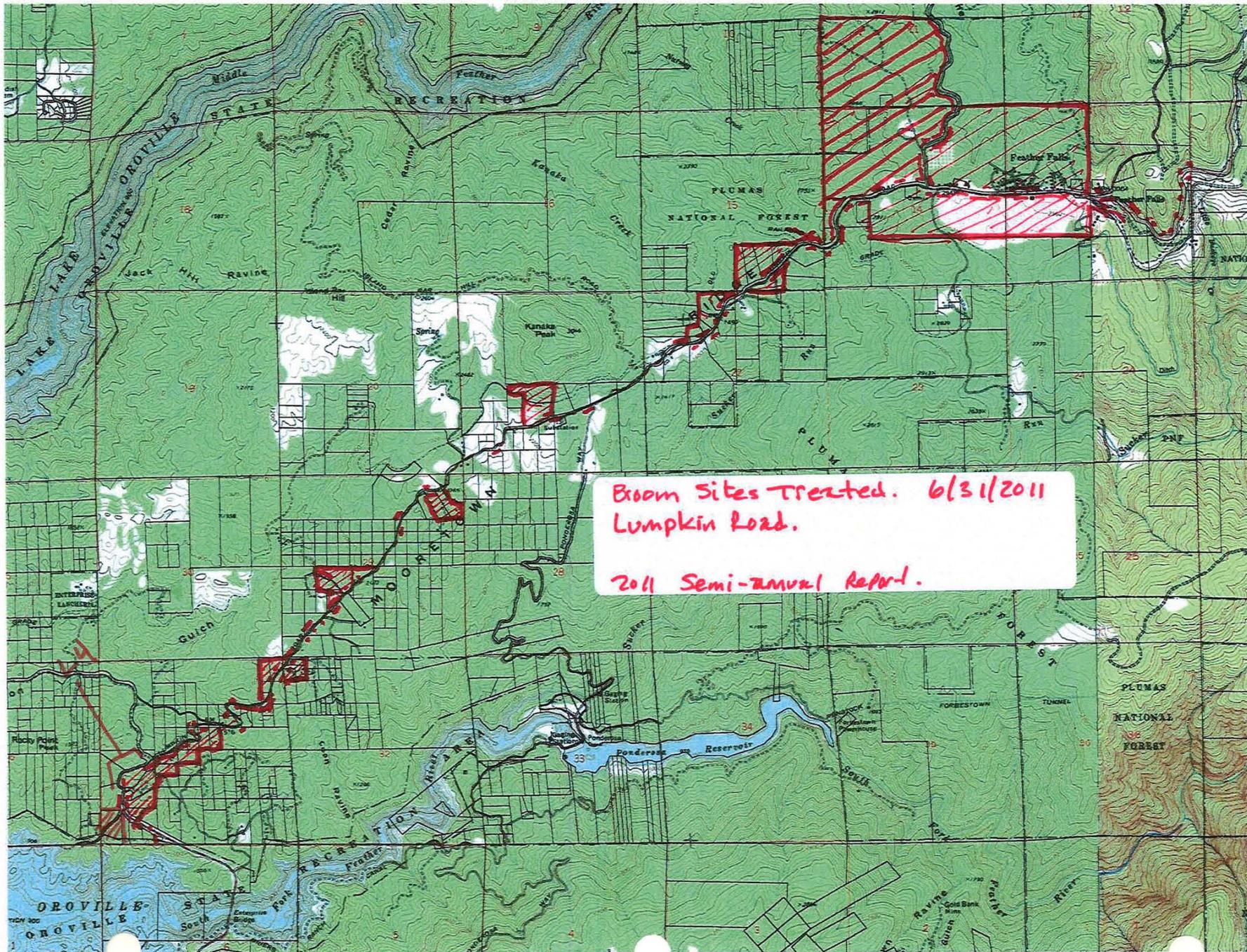


Cal-Fire Grant Manager and Project Stakeholders Phase II



Butte County Agricultural Department - A Separate Grant to Eradicate Invasive Broom Plants





Broom Sites Treated. 6/31/2011
Lumpkin Road.
2011 Semi-Annual Report.



Lumpkin rd Broom site L-2-2 Summer 2010



Lumpkin rd Broom site L-2-2 Summer 2011

Outreach and Education



4 NEW 17" LOW PROFILE TIRES
LESS THAN 200 MILES
\$400 OR 30

Berry Creek Berry Festival
Saturday, August 11, 2007
10 a.m. - 4 p.m.
"FREE ADMISSION"

Live Entertainment
Handmade Crafts
Charity Art Show
Wine-tasting
Lots of Great Prizes
Fire-Starting Contest
Fashions, Crafts & More
Activities, Crafts & More
Sweet Food & Drinks
Hats & More

Don't miss this one! Buy 10 or more, and we'll give you a special gift. Buy 20 or more, and we'll give you a special gift. Buy 30 or more, and we'll give you a special gift.

Call 530-589-5605 for more information.

FEATHER FALLS RESIDENTS!
Use it or lose it!!!
Please remember to support your local businesses.
I would hate to have to have to find a place to buy my soap. Buy your soap from your local post office.

Buy 10 or more and we'll give you a special gift. Buy 20 or more, and we'll give you a special gift. Buy 30 or more, and we'll give you a special gift.

Call 530-589-5605 for more information.

No-Cost Chipper Service For Fire Hazard Reduction
You stack it—we'll chip it!

Mountain Springs Grange No. 754
Proudly Sponsors
The 9th Annual Feather Falls High Mountain Charity Run
Saturday, August 18, 2007

Entry Fee: One New Unworn T-shirt
Kids, New Riders and all Motorcycles Welcome
Camping available at the Grange Park
Grange Hall Breakfast: 6:15 am, \$5.00
K&Q Grange Hall Breakfast: 8:30 am, \$5.00
K&Q Grange Hall Breakfast: 8:30 am, \$5.00
1000 Lakeside Road, Feather Falls, CA, 96024-1000 (100)
K&Q Day Canteen - \$10
Autumn Reception: 5:00 pm, 5:00 pm (100)

Live Music featuring Crossroads!

Raffle - Great Prizes! Call for more information.
530 589-5605

Calling all Kindergartners!!!!
Feather Falls School is accepting applications for 4 Kindergartners for the 2007-08 school year.
Students need to be five years old by the Fall, 2007. All are welcome!
School starts Aug. 15th 2007
Information packets are available at the school.
3001 Lakeside Road

Open Containers of Alcoholic Beverages Are Not Permitted On The Deck Or In The

Join... The Million Who Dare to Care
Your gift of just one dollar supports the California Fire Safety Council's Gift Card program, which provides fire safety education to children and adults.
One dollar from each of us means safer communities for everyone.
Send your contribution to:
California Fire Safety Council
605 First Street, Suite 1
Fresno, CA 93705

FREE RANGE BROWN EGGS
HENS LAYING DAILY
589-5605

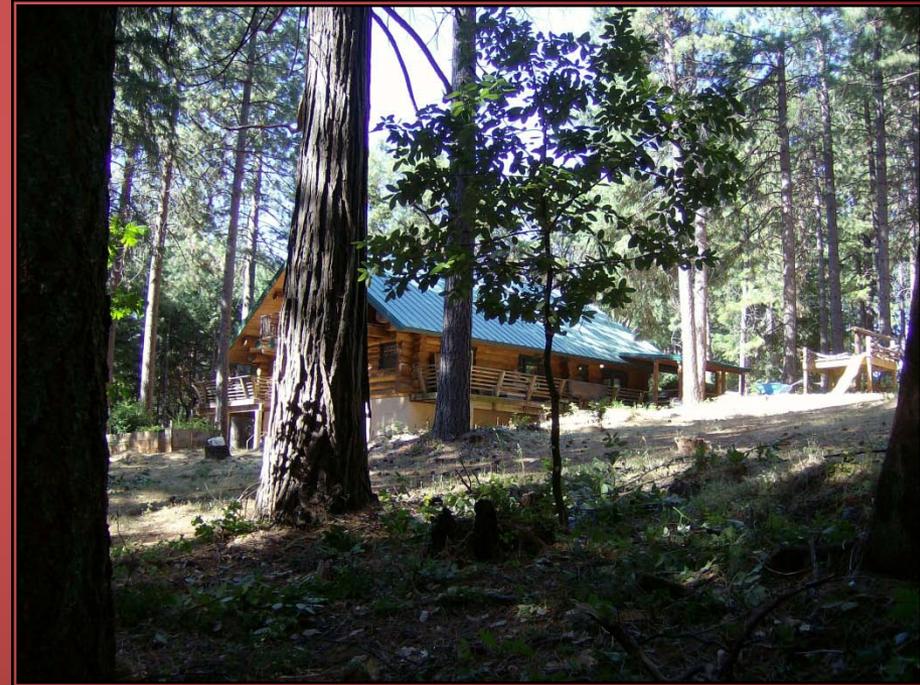
WORK WANTED
NEED WEEDS PULLED, GRASS OR BRUSH CUT OR ANY OTHER JOBS? I WILL WORK ANY DAY OF THE WEEK FOR \$15 AN HOUR. RELIABLE, HARD WORKING YOUNG MAN - CALL JERRINE @ 589-5605
IF NOT HOME LEAVE A MESSAGE - I WILL RETURN YOUR CALL

Wanted! Board Members
We need you!

REMOVE THE STOP SIGN AT LUMPKIN ROAD AND SIGN THE PETITION AT THE GOLD FLAKE POST OFFICE OR GRANGE

Residents Assistance Program

Before & After



Butte County Fire Safe Council Chipper Program



Example of Fuel Break Work



February 15, 2012

TO: **Butte County Fire Safe Council**
5619 Black Olive Drive
Paradise, CA 95969

Butte County Public Works-Road Maintenance Division
7 County Center Drive
Oroville, CA 95965

California Department of Forestry and Fire Protection
Valley View Conservation Camp
604 Antelope Blvd.
Red Bluff, CA 96080

FROM: **Mt. Springs Grange #754**
1834 Lumpkin Rd
Oroville, CA 95966
PO Box 484
Feather Falls, CA 9594

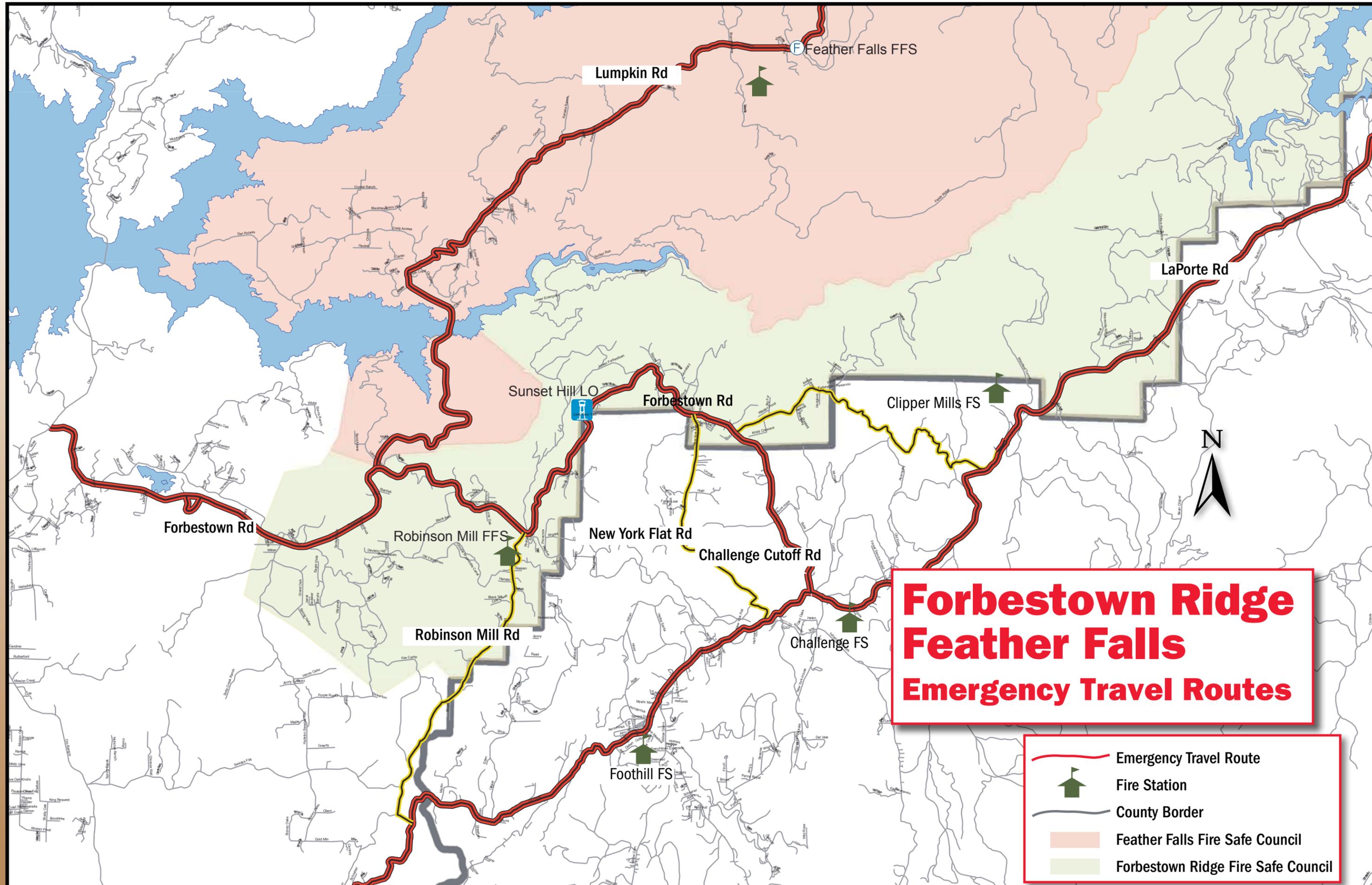
Residents of the Feather Falls area wish to thank each of you for your part in continuing work on the Lumpkin Road Fuel Break. The cutting and chipping of Vegetation along Lumpkin Road Fuel Break may reduce the size of a fire, if one occurs, and also increases visibility for oncoming traffic and wildlife.

Respectfully,



Bob Halstead, Grange Master

cc: Bill Connelly, Butte County Supervisor District 1



Lumpkin Rd

Feather Falls FFS

LaPorte Rd

Sunset Hill LO

Forbestown Rd

Clipper Mills FS

Forbestown Rd

Robinson Mill FFS

New York Flat Rd

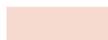
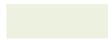
Challenge Cutoff Rd

Robinson Mill Rd

Challenge FS

**Forbestown Ridge
Feather Falls
Emergency Travel Routes**

Foothill FS

-  Emergency Travel Route
-  Fire Station
-  County Border
-  Feather Falls Fire Safe Council
-  Forbestown Ridge Fire Safe Council

'Concerned about wildfire?

→ Look what you can do:

- Join us—become a "Wildfire Safe Neighbor"
- Attend a Forbestown Ridge or Feather Falls Fire Safe Council meeting (each held monthly). Call 530/877-0984 for locations and times.

Here's what we're doing

Why become a member?

It's for you—and for your neighbors! The fire safe programs your membership supports will help you make your home and your entire neighborhood a safer place. Safer communities mean a better place to live for everyone.

As a Wildfire Safe member, you'll receive:

- ◆ The most current fire safe publications and newsletters throughout the year.
- ◆ The assurance that your neighborhood will have programs to promote a fire safe environment.
- ◆ Opportunities for fun and involvement by volunteering with your own community's fire safe council or the county-wide council. Community fire safe councils are now in these areas:

Berry Creek	Cohasset
Feather Falls	Forbestown Ridge
Forest Ranch	Paradise
Upper Ridge/Magalia	Yankee Hill/Concow



Our mission is to provide safety in Butte County through wildfire hazard education and mitigation.

Program	Accomplishments
Chipper for Defensible Space	Chipped 3,750 requests on 4,012 acres since 2001
Residents' Assistance	Provided 100 residents with defensible space since 2003
6th Grade Wildfire in the Foothills curriculum	Taught to 1,200 students in Paradise/Magalia since 2005
Homeowner's Guide to Firewise Landscaping	Publication available at www.thenet411.net since 2005
Emergency Radio Towers	Available in Upper Eidge, Berry Creek, Yankee Hill and Town of Paradise since 2005
Online Public Safety Scanner at www.thenet411.net	10,000 hits annually since 2009
Fire on the Ridge Seminar	Hundreds of residents attended this annual event since 2003
Community Wildfire Safety Workshops	Available for your community group
Roadside Shaded Fuel Breaks	Area of fuel reduction
Coutolenc Rd/Magalia	4 miles began in 2006
Lumpkin Rd/Feather Falls	9 miles began in 2007
HoneyRun/Centerville Rd/Butte Creek Canyon	4 miles began in 2008
Evacuation plans for Yankee Hill, Paradise, Upper Ridge, Cohasset, Berry Creek, Feather Falls/Forbestown.	All available at www.thenet411.net

It's easy to join as a Wilfire Safe Neighbor!

- ◆ Call the Butte County Fire Safe Council at 530/877-0984.
- ◆ Mail your membership gift to Butte County Fire Safe Council; 767 Birch Street; Paradise, CA 95969.
- ◆ Sign up on the membership page of our web site, www.thenet411.net
- ◆ Stop by our office, 5619 Black Olive Drive, Paradise, California.

Membership Levels

\$100	Business sponsor	\$50	Family
\$25	Individual	\$15	Senior
20 hours/year volunteering			



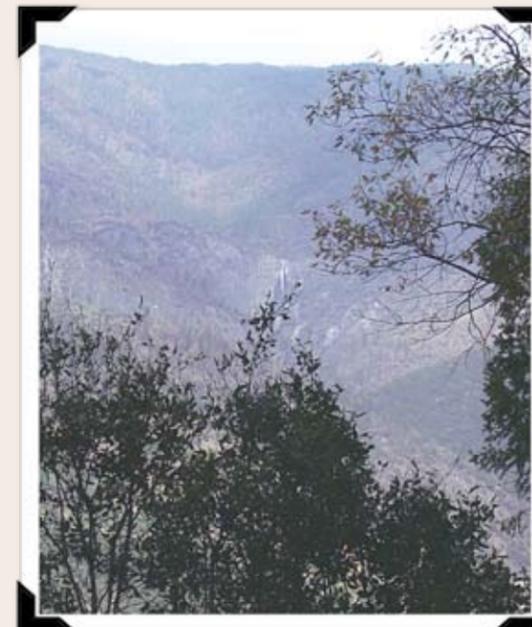
Smoky and the Forbestown Fire Safe Council at Forbestown Daze



The Craig Fire in 2009

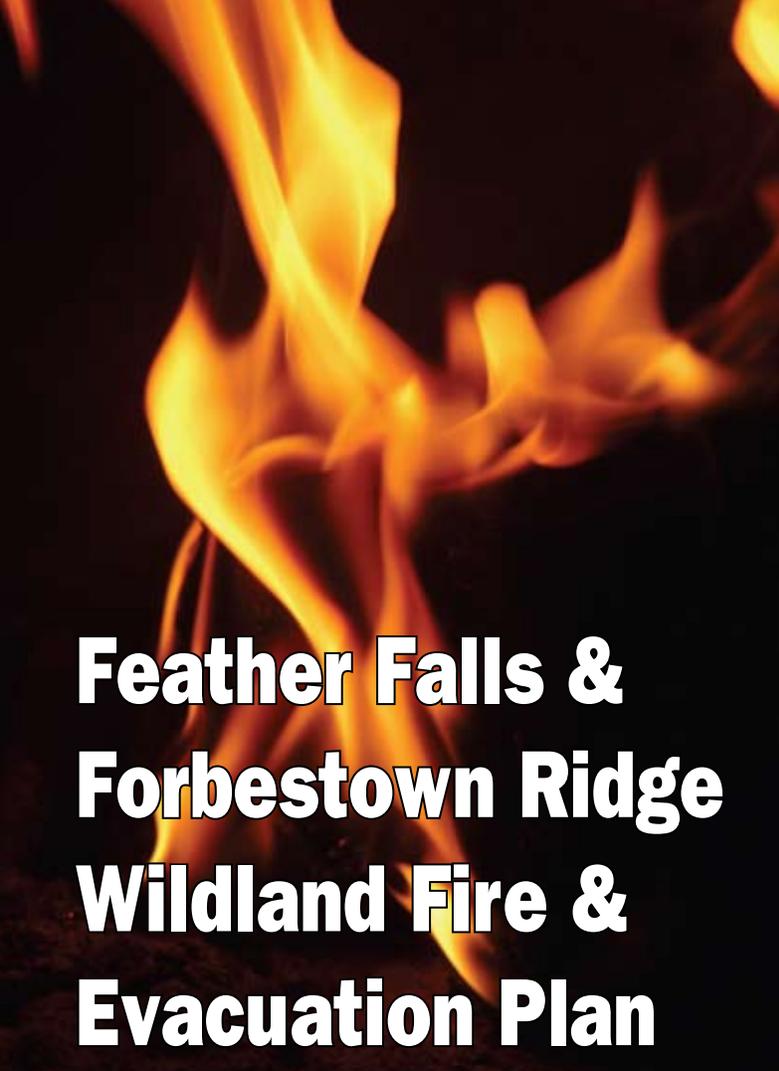


Feather Falls shaded fuel break—before (above) and after (below)



After the Friend Darnell Fire in 2008





Feather Falls & Forbestown Ridge Wildland Fire & Evacuation Plan

*Details inside on
these seven steps
you can take now:*

- Get ready early.
- Preparing for embers.
- Evacuation advisories to be prepared for.
- An evacuation checklist.
- If a wildfire approaches...
- What if you become trapped?
- Your safety plan.



There's only one way out!
Are you prepared?



**American
Red Cross**

Keep a copy of this plan in your car and home.

1. Get ready early.

November to February is the best time to get ready—these are lower fire season risk months.

Property Access

- Firefighters can find my house. My address is posted with reflective 3-inch numbers.
- A fire engine can drive to my house. The driveway and access roads are free of obstructions; at least 12 feet wide and with a 14-foot overhead clearance.
- A fire engine can turn around on my property/ street.

Vegetation Around My Home—Defensible Space

- Dry grass, needles, leaves and brush are 10 feet away from structure(s).
- My property has a 30-foot zone of reduced fuel continuity.
- Firewood is stacked away from structure(s).
- Trees around structure(s) have been cleared of ladder fuels.
- Fuel is reduced at least 100 feet from structure(s).
- Tree limbs are at least 10 feet from chimney/ stovepipe.
- Dry grass and brush is cleared 10 feet around and under the propane tank(s).

2. Ember awareness checklist.

Used with permission of University of Nevada Cooperative Extension from its publication, *Be Ember Aware!* FS-09-05

1

Wood Roof

Replace wood shake and shingle roofs with fire-resistant types such as composition, metal and tile.

2

Roof Openings

Plug openings in roof coverings, such as the open ends of barrel tiles, with non-combustible materials.

3

Roof Debris

Routinely remove plant debris, such as pine needles, leaves, branches and bark, from the roof.

4

Skylights

Replace plastic skylights with types constructed of double-pane glass. One of the panes should be tempered glass. Close skylights if wildfire is threatening.

5

Spark Arrester

Install an approved spark arrester on chimneys.

6

Windows

Replace single-pane, non-tempered glass windows with multiple-pane, tempered-glass types. Close all windows if wildfire is threatening.

7

Vents

Cover attic, eave and foundation vents with 1/8-inch wire mesh or install new vent types designed to prevent ember entry. If wildfire is threatening, consider covering vent openings with pre-cut plywood or aluminum foil folded several layers thick and stapled.

8

Rain Gutters

Keep rain gutters free of plant debris during fire season. Consider using rain gutter covers to reduce maintenance.

9

Siding

Fill gaps in siding and trim materials with a good quality caulk and replace poor condition building materials.

10

Woodpiles

Move firewood stacks and scrap lumber piles at least 30 feet from the house or other buildings.

11

Patio Furniture

Place combustible patio furniture, such as lounges, tables and hammocks, inside the house or garage if wildfire is threatening.

12

Deck Boards

Replace deck boards that are less than one inch thick or that are in poor condition with thicker, good condition boards. Use metal flashing between the deck and the house.

13

Deck Debris

Remove plant debris from the gaps between deck boards, the gap between the deck and house, and lying on top of the deck.

14

Porch and Deck Accessories

If wildfire is threatening, remove combustible materials from the porch and deck including newspapers, wicker baskets, door mats, pine cones and dried flower arrangements, and place BBQ propane tanks indoors.

15

Under the Deck

Remove plant debris, wood piles and other easily ignited materials from under decks. Consider enclosing the open sides of the deck with siding materials that are properly vented or 1/8-inch wire mesh to reduce maintenance and deter ember entry. Do not use wooden lattice to enclose decks.

16

Flowerboxes

Remove wooden flowerboxes from beneath windows if wildfire is threatening.

17

Eaves

Cover open eaves with sheathing, such as plywood or fiber-cement board. Use tongue and groove joints or other intricate joint types and don't use butt joints.

18

Flowerbeds

Replace wood mulches with noncombustible types and remove plant debris, including dried grass and flowers, dead leaves and dead branches from flowerbeds next to the house, other buildings and next to wooden fences. Replace ornamental junipers with low-growing deciduous shrubs or flowers under irrigation.

19

Vehicles

Close vehicle windows. Back into the garage and close the garage door or park away from the house.

20

Garage Door

Adjust garage doors to achieve as tight a fit as possible with the door frame. Consider using trim around the garage door opening to reduce the size of gap openings. Close the garage door if wildfire is threatening.

21

Garbage Cans and Recycling Bins

Use garbage cans covered with tight fitting lids near the house or other buildings. Move newspaper recycling bins indoors.

22

Wooden Fences

Maintain wooden fences in good condition and create a noncombustible fence section or gate next to the house for at least five feet.



This house was ignited by burning embers landing on vulnerable spots. Notice the adjacent forest is not burning.



3. Evacuation advisories to be prepared for:

Immediate Evacuation Order: Requires the immediate movement of people out of an affected area due to an imminent threat to life. Choosing to stay could result in loss of life. Staying may also impede the work of emergency personnel. Due to the changing nature of the emergency, this Immediate Evacuation Order may be the only warning that people in the affected area (s) receive.

Evacuation Warning: Alerts people in an affected area(s) of potential threat to life and property. People who need additional time should consider evacuating at this time. An Evacuation Warning considers the probability that an area will be affected and prepares people for a potential Immediate Evacuation Order.

Shelter in Place: Advises people to stay secure at their current location by remaining in place as evacuation will cause a higher potential for loss of life.

Rescue: Emergency actions taken within the affected area to recover and help injured or trapped citizens leave the area. Entry into this area is restricted to rescue workers only.

Lifting of Evacuation Advisories

Evacuation advisories may stay in effect for several days. After the threat is mitigated, access will be limited to residents with identification.

Traffic Closures

Level 1: Open to emergency responders, critical responders (e.g. public works, PG&E, animal rescue) and residents only. Level 2: Closed to all traffic except emergency responders and critical resources. Level 3: Closed to all traffic except emergency responders. Level 4: Closed to all traffic due to potential hazard to life.



4. Evacuation checklist. What will you take?

EVACUATION ORDER <i>5 minutes to evacuate</i>	EVACUATION ORDER <i>15–30 minutes to evacuate</i>	EVACUATION WARNING <i>2+ hours to evacuate</i>	PRE-FIRE SEASON ANNUAL PREPARATION <i>November to May</i>
Purse, credit cards, check-book, cash. Keys: vehicle, RV, boat, safe deposit.	Photo albums. Family videos and loose photos.	Clean up little things which are flammable on deck (leaves, twigs).	List items to be removed during evacuation, including precautionary and immediate threat instances.
Pets, pet crates, pet leashes, pet food.	Items from safe. Passports & insurance paperwork.	Irreplaceable arts & crafts, including family quilts and heirlooms.	Make copies of important papers for storage in firesafe box/safe deposit box.
Medication and prescriptions.	Computer files on CDs.	Computers.	Create financial binder.
Glasses, contact lenses, hearing aids.	Digital camera with extra batteries and charger.	Recipes, recipe book, family recipes.	Take photos of each room for insurance purposes.
Cell phones, PDAs, chargers.	Important papers: financial binder, birth certificate, social security card, vehicle registration, insurance policies.	Hook up boat or trailer. Move extra vehicles to firesafe areas (church parking lot).	Store CDs and electronic media at a non-home location.
Multiple days of clothing, including sturdy walking shoes or boots.	Remove flammable materials from deck/porch. Includes mats, plastic furniture, flags, shade items.	High priority hobby items (sewing machine, quilting tools, paints, drawing supplies, musical instruments).	Develop a virtual meeting place where all family members can make contact in an emergency.
Planning calendar, phone/address/Christmas lists, bills, payment coupons.	High-value items such as jewelry, priceless antiques.	High priority memorabilia.	Create defensible space.
Laptop computer.		Tools.	Check building for places where embers or heat will threaten your home.

5. If a wildfire approaches, take these steps:

- Locate your Evacuation Checklist and place the items in your vehicle.
- Park your vehicle facing outward; carry your vehicle keys with you.
- Locate your pets and keep them nearby.
- Prepare farm animals for transport.
- Place connected garden hoses and buckets full of water around the outside of the house.
- Move propane BBQ appliances away from structures.
- Cover up. Wear long pants, long sleeve shirt, heavy shoes/boots, a cap and have a dry bandanna for a face cover or use goggles or glasses. Clothing which is 100% cotton is best.
- Leave lights on in the house. Unlock the doors.
- Leave windows closed, but not locked; turn air conditioning off.

6. If you become trapped by a quickly-approaching wildfire:

While in a Vehicle:

- Stay calm.
- Park your vehicle in an area clear of vegetation.
- Close all vehicle windows and vents.
- Cover yourself with a wool blanket or jacket.
- Lie on the vehicle's floor.
- Alert officials by calling 911 from your cell phone.

While in Your Home:

- Stay calm; keep your family together.
- Call 911 and alert authorities of your location.
- Fill sinks and tubs with cold water.
- Keep doors and windows closed, but unlocked.
- Stay inside your home.
- Stay away from outside walls and windows.

While on Foot:

- Stay calm.
- Got to an area clear of vegetation; if possible, a ditch or depression.
- Lie face down; cover up.
- Alert officials by calling 911 from your cell phone.



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A partner of Butte County Fire Safe Council
767 Birch Street
Paradise, CA 95969

***** ECRWSS*****
Residential Customer

7. Our household safety plan
(complete before a wildfire emergency):

- Our address _____
- Phone _____
- In the event of a wildfire evacuation, we will meet at _____
 - Animals: North Valley Animals Disaster Group
Hotline: 530/895-0000. During a wildfire, we'll take our animals to _____
 - Local contact (neighbor/relative): In the event that roads are closed, our local contact to care for children and pets is (name) _____
Phone _____
 - Out of area contact/phone _____
 - School phone _____
 - Other important contacts _____
 - We know these neighbors who may need help (elderly or disabled) _____