

Post Fire Workshop for Private Land Owners



October 24th, 2014

9:00 a.m. – 4:00 p.m.

4765 Pleasant Valley Rd, Placerville, CA 95667

Workshop Objectives:

To increase understanding of role of wildfire in forest development and change, post-fire issues and treatment options and to provide information on post-fire treatment cost-share programs, tax issues and professional assistance for post-fire treatments for private landowners.

Who Should Attend:

Woodland and forest landowners affected by the Sand and King Fire in El Dorado County and anyone interested in the future of forests after wildfire, staff and decision makers with state, local, federal and tribal agencies concerned with forest management, defensible space, and water quality.

Sponsored by:

UC Cooperative Extension - Central Sierra and the Natural Resources Conservation Service, and El Dorado County & Georgetown Divide Resource Conservation Districts

For more information:

Contact Susie Kocher (530) 542-2571, sdkocher@ucanr.edu

Format:

Talks will be given in the morning and participants will take a field trip in the afternoon (participants are expected to provide their own transportation though carpooling is encouraged).

Topics to be covered:

Overview of El Dorado County fires and lands affected Post Fire Land Management Actions

- Role of fire and change in forest since fire suppression, fire size and severity trends
- Post fire treatment options - erosion control, dead tree removal, replanting, road system upgrades, weed monitoring

Burned Area Emergency Rehab (BAER) treatments on Federal land

Working to carry out post-fire treatments

- Regulatory framework, Cost share programs, Role of RPF,
- Working with contractors/reforestation, seedling sources

Post-fire tax procedures

Field trip to see projects in the field

- Road upgrading, erosion control, weed management activities

Registration:

Registration is required. Check this website for additional information.

http://cecentralsierra.ucanr.edu/Events_Workshops/

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The University of California working in cooperation with County Government and the United States Department of Ag.



#14 BOS 10/14/14



KING POST-FIRE BAER ASSESSMENT

Forest Supervisor Briefing

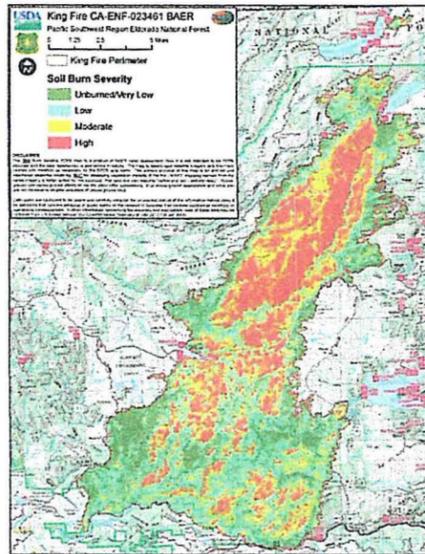
to the El Dorado County Board of Supervisors

COUNTY BOARD OF SUPERVISORS QUESTIONS & FOREST ANSWERS:

1) What are the highlights of the King BAER assessment report and the team's findings?

The BAER team assessed post-fire watershed conditions, mapped burn severity of soils, identified values-at-risk, and threats to those values; analyzed data, and modeled overall changes to soil productivity, hydrologic function, debris flow, and watershed response to precipitation events within the burned watersheds.

The BAER team produced a Soil Burn Severity map showing:



- Unburned/Very Low: 22,404 Acres (23%)
- Low: 30,527 Acres (31%)
- Moderate: 22,699 Acres (23%)
- High: 22,087 (23%)
- **Total Acres Burned: 97,717**

Soil Burn Severity	Private	Eldorado NF	Tahoe NF	Grand Total	Percentage
High	7,219	14,857	11	22,087	23%
Moderate	8,117	14,542	40	22,699	23%
Low	10,108	20,327	92	30,527	31%
Unburned/Very Low	8,461	13,810	133	22,404	23%
Grand Total	33,893	63,536	276	97,717	100%

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The BAER team's initial (2500-8) BAER report describes potential risk findings. The Eldorado NF submitted the report to the Regional Forester and FS Washington Office on October 8, 2014, for review, approval, and funding:

- o The BAER team determined a very high risk to travelers along roads and trails within and downslope from moderate to high severity burned hillslopes due to an increased threat of falling trees/snags, rocks, excessive erosion, flooding and other debris. The highest identified risk is the 11 Pines Road. There is a significant risk of debris flows throughout the Rubicon drainage where several NFS trails are located.
- o The BAER team determined a very High risk to road and associated infrastructure with substantial damage expected because flooding, debris, flows, and erosion is imminent. The highest risk is associated with 9 of the 12 miles of the 11 Pines Road.

Another BAER assessment report (interim #1 2500-8) was reviewed by the Eldorado Forest Supervisor on Monday, October 13, and described potential risk findings. The report is not considered final until it has been reviewed by the FS Washington Office for approval and funding:

- o The BAER team determined a high to very high risk to human life, health, safety, property, natural and cultural resources resulting from the threats of stump holes, damaged infrastructure, excess sedimentation, ash flow and mudflow, flooding, rock fall, debris fall, log jams, rill flow, sedimentation, water quality hazmat, invasive weeds, water ditch breaches, gullying, hazard trees, culvert plugging and failure, slope instability, hydrologic function failure, and OHV intrusion.
- o The BAER team determined a highest risk has the potential to impact Big Meadows campground, burnt infrastructure, 11 Pines, Brush Creek, and Forebay roads, water and power infrastructure, Stumpy Meadow reservoir, Pilot Creek, Rubicon River, White Meadow water quality, Bridal Veil picnic area, wild trout habitat, soil productivity, native plant communities, hiking trails, FS level 2, 3, 4, 5 roads, and authorized OHV routes.

2) What will the Forest Service do to achieve the goals of mitigating the BAER findings?

The BAER team determined where and what kind of soil and watershed emergencies exist related to human health, safety, human life conditions, and critical natural and cultural resources.

The BAER team coordinated and shared their field data, and assessment report with the US Geological Survey (USGS) who are modeling for debris flow potential, as well as other interested agencies and entities such as the National Weather Service, Natural Resources Conservation Service (NRCS), Resource Conservation Districts, El Dorado and Placer Counties, local water agencies, public utility and irrigation districts, and the CA Central Valley Regional Water Quality Board.

The BAER team recommended prescribed emergency stabilization measures to alleviate emergency conditions to help stabilize soil; control water, sediment and debris movement; prevent impairment of ecosystems; and mitigate significant threats to health, safety, human life, property, and downstream values-at-risk.

On October 9, 2014, the Eldorado NF received initial BAER funding from the Regional Forester to implement the following prescribed BAER emergency stabilization actions on Forest Service land:

- o Road Treatments
Storm-proof 11 Pines Road:
Clean-out culvert inlet basins, roadside ditches, roadside berms, cut-bank sloughs; Install riprap at culvert/lead-off outlets; Install "Falling Rock" and "Warning Debris Flow" signs; Install road closure gates; Install, and/or replace inlets, lids, rolling dips, culverts, tees, risers, grates, trash racks, K-rails; storm patrol, inspection and response.

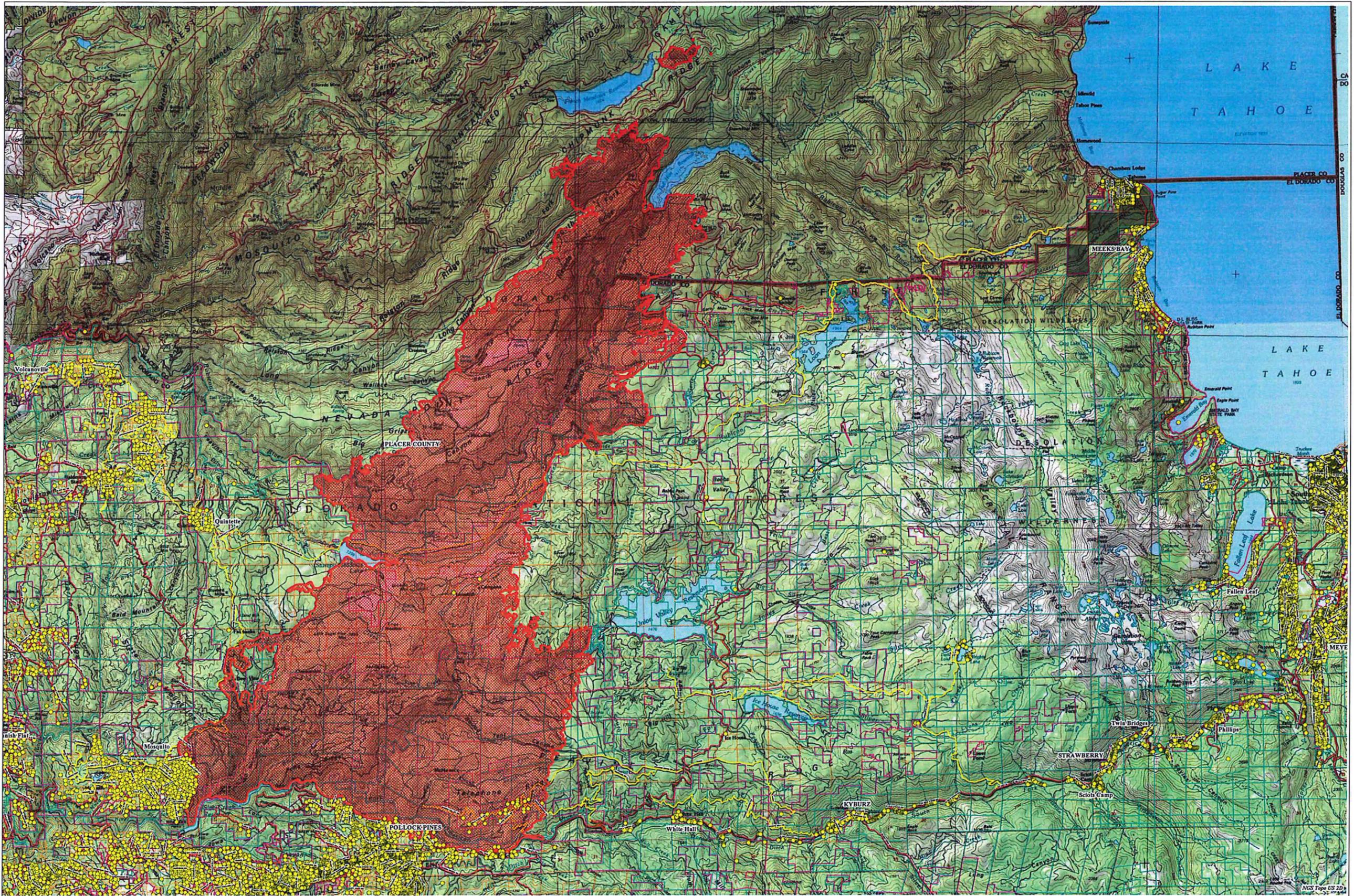
The Eldorado NF expects to receive additional BAER funding from the Forest Service Washington Office within 1-2 weeks to implement additional BAER emergency stabilization treatments on Forest Service land related to:

- o Land Treatments
- o Channel Treatments
- o Road Treatments
- o Protection/Safety Treatments
- o Monitoring

3) What can the County do to support the Eldorado NF and burned area recovery effort?

- Continue to coordinate with NRCS and the El Dorado County and Georgetown Divide Resource Conservation Districts (RCDs) to provide sponsorship and other assistance to the private landowners who may have potential risk to human life, health, safety, and property.
- Continue to coordinate with NRCS, RCDs, and the Eldorado NF to hold community meetings to share information on what assistance is available to affected landowners and the status of King Fire recovery and restoration efforts.
- Continue to plan and coordinate with other state and local emergency agencies, and the National Weather Service to prepare county residents and issue alerts for future potential downstream flooding and mudflows originating from the King burned area.

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TO ACCURACY OF THIS INFORMATION. PARCEL BOUNDARIES ARE
PARTICULARLY UNRELIABLE. USERS MAKE USE OF THIS DEPICTION AT
THEIR OWN RISK.
NOTES:
LAYER INFORMATION MAY COVER ADDITIONAL AREAS OUTSIDE OF THE
DISPLAYED AREA.
PREPARED AT THE REQUEST OF: King Fire Recovery, DATE: 10/10/2014
MAP PREPARED BY: Frank Shup, DATE: 10/10/2014
G.I.S. PROJECT ID: 71580, RELATED REPORT: #4
EL DORADO COUNTY SURVEYING & GIS DIVISION
PHONE (530) 821-4511 FAX (530) 828-7171



KING FIRE

County of El Dorado
State of California



- King Fire - Oct 9, 2014 (10:38pm release)
 - Developed Parcel
 - Parcel Base
 - State Responsibility Area
 - Federal Land
 - Roads
 - Road Closures
- 0 0.5 1 2 3 4 Miles
Map displayed in State Plane Coordinate System (NAD 1983 California Zone 2, feet)

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