

Lassen County Community Wildfire Protection Plan 2015 Work Plan

Lassen County



October 2015



Representatives of resource, fire planning and prevention interests met on February 3, 2015 to develop the Lassen County Community Wildfire Protection Plan, 2014 Work Plan. The process began in December of 2014, through online collaboration and reporting, and it was completed in late October of 2015.

Pictured at the annual meeting above are, from left to right, Don Hansen, RPF, LCFSC Consulting Forester; Tom Esgate, LCFSC; Peter Hall, BLM Applegate Field Office; David Junette, Calfire; Cliff Motheral, BLM Eagle Lake Field Office; Mark Shaffer, RPF, HL Power; Mark Pustejovski, RPF, Sierra Pacific Industries; Jeff Oldson, RPF, WM Beaty & Associates; Lloyd Keefer, RPF, LCFSC; Jeff Hemphill, Lassen County Supervisor; Cathy Dirden, LCFSC; Ann Carlson, Lassen National Forest Eagle Lake Field Office; Nils Lunder, Plumas FSC; Jim Berry, Calfire; Dale Newby, Lassen National Forest, Hat Creek Ranger District; Dan Douglas, LCFSC; Frank Stewart, RPF, CFSC; Niki (bow wow); John Zarlengo, Modoc National Forest; Mandi Shoaf, USFS; Scott Rosikewicz, RPF, Calfire; Don Glen, Plumas National Forest

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CalFire Lassen Modoc Unit Fire Plan

Incorporated into the Lassen County CWPP 2015 Work Plan by Reference:

www.fire.ca.gov

2015 CWPP Work Plan Private Land Priority Projects Ranking

The Lassen County CWPP Work Plan ranks private land projects in a collaborative process that considers:

1. Guidelines recommended by the National Association of State Foresters, which state “*Projects are prioritized based on the probability of success, community involvement and collaboration, and sustainability*”¹, and;
2. Calfire, Lassen Modoc Unit ranking criteria, and;
3. Input from all Annual CWPP Work Plan participants

Annual ranking is adopted by consensus.

1. **Little Valley & Little Valley Right of Way**
2. **Lookout**
3. **Diamond Mountain**
4. **Doyle**
5. **Day Lassen Bench**
6. **Big Valley Mountain Fuel Break**
7. **Cheney Creek**
8. **Janesville**
9. **North Susanville**
10. **Madeline**
11. **Diane Drive**
12. **Piute**
13. **Spalding**
14. **Eagles Nest**
15. **South Eagle Lake**
16. **Letterbox**
17. **Milford**
18. **Clear Creek**

¹ Dan Smith, Fire Director, National Association of State Foresters, Presentation at the 2012 Wildland Urban Interface Conference, Reno Nevada.

Lassen County Fire Safe Council

County Fire Plan Base Map

DRAFT

DRAFT

Fuel Reduction Projects

- | | |
|----------------------|----------------------|
| USFS Projects | BLM Projects |
| Awarded/Completed | Awarded/Completed |
| Planning/In-Progress | Planning/In-Progress |

- | |
|--------------------------------|
| WUI |
| Wildland Urban Interface (WUI) |
| Communities |

Lassen County Fire Safe Council Projects

- | |
|----------------------|
| Awarded/Completed |
| Planning/In-Progress |

Ownership

- | |
|-----------------------|
| National Forest |
| BLM |
| NPS and Other Federal |
| State and Local |
| Other Ownership |

Timber Harvest Plans (THPs)

- | | |
|-------------------------------|----------------------------------|
| Industrial Timberlands | Other Private Timberlands |
| Awarded/Completed | Awarded/Completed |
| Planning/In-Progress | Planning/In-Progress |

Background Layers

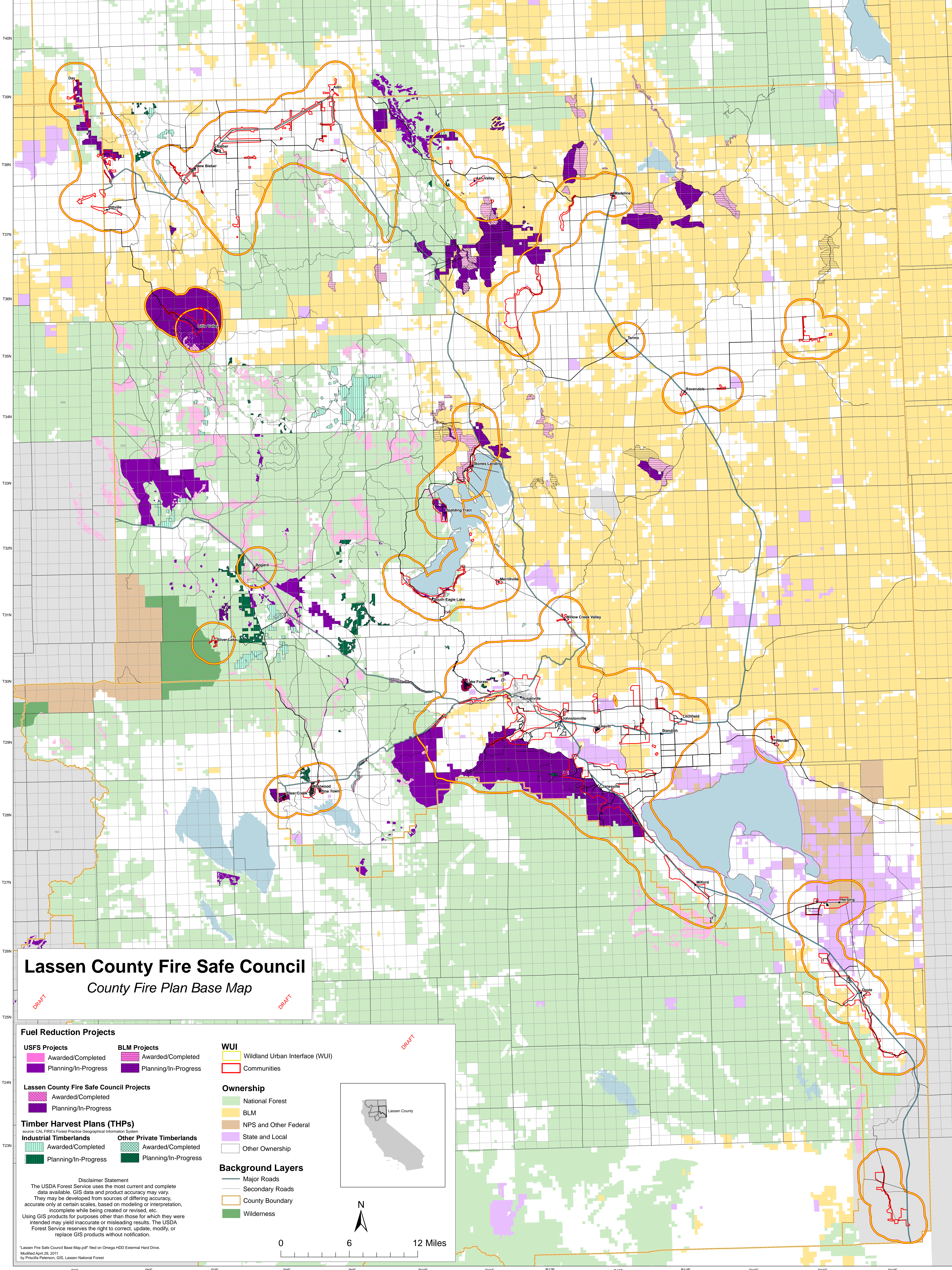
- | |
|-----------------|
| Major Roads |
| Secondary Roads |
| County Boundary |
| Wilderness |

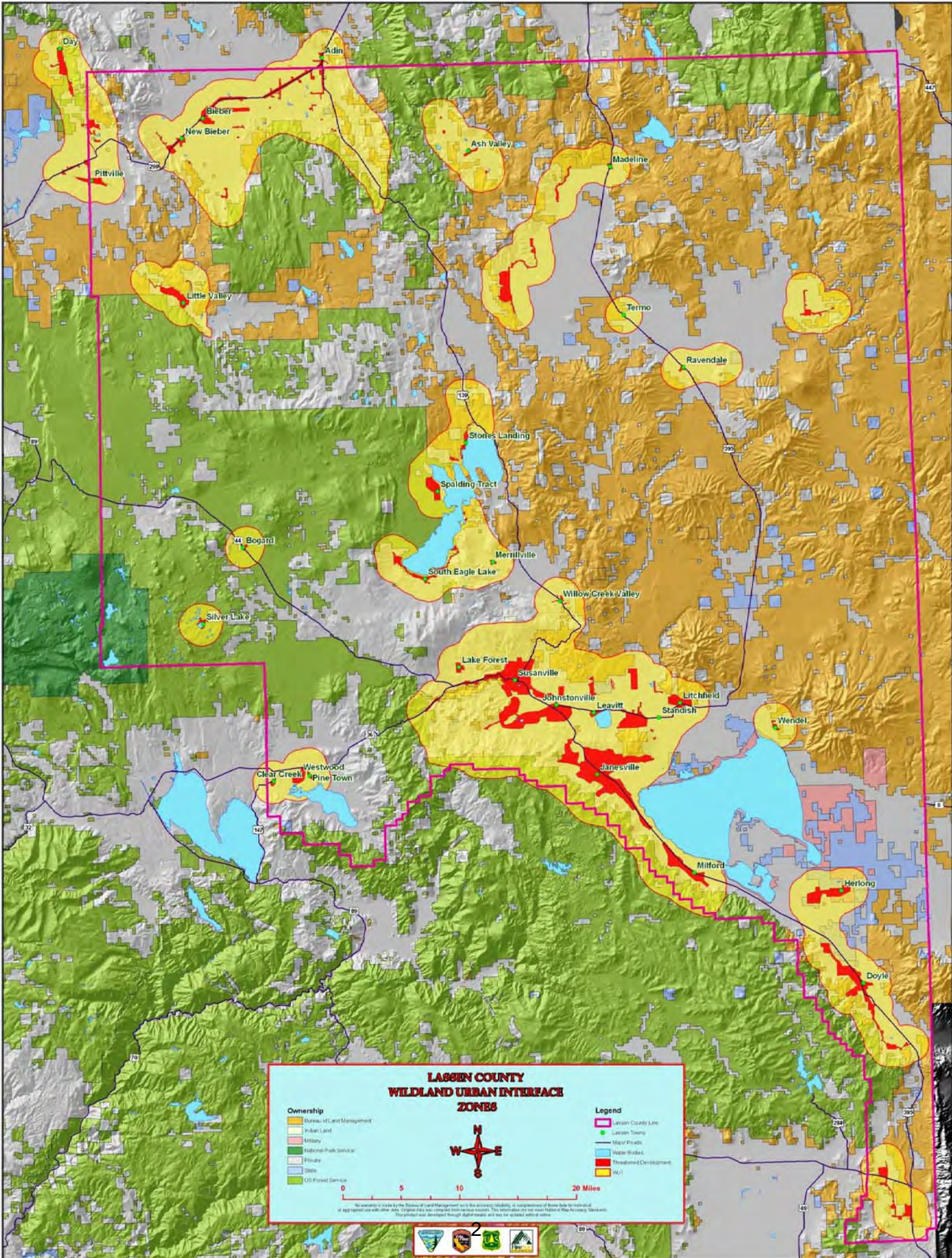


0 6 12 Miles

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"Lassen Fire Safe Council Base Map.pdf" filed on Omega HDD External Hard Drive.
 Modified April 29, 2011
 by Priscilla Peterson, GIS, Lassen National Forest





**LASSEN COUNTY
WILDLAND URBAN INTERFACE
ZONES**

- Ownership**
- Bureau of Land Management
 - Indian Land
 - Military
 - National Park Service
 - Private
 - State
 - US Forest Service

- Legend**
- Lassen County Line
 - Lassen Towns
 - Major Roads
 - Water Bodies
 - Threatened Development
 - WUI



0 5 10 20 Miles

No warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual or aggregated use with other data. Customer data was compiled from various sources. This report and the map were prepared at Map Accuracy Standards. The product was developed through digital means and may be updated without notice.





Lassen County Fire Safe Council

Lloyd Keefer, Chair
Leo Mudrich, Vice Chair
Cathy Dirden, Secretary/Treasurer

P.O. Box 816 • Susanville, CA 96130 • (530) 251-5560 • www.lassenfiresafecouncil.org

October, 2015

This year marked the 9th year that the Lassen County Community Wildfire Protection Plan (CWPP) Working Group has gathered, reviewed and ranked projects and reviewed the Wildland Urban Interface boundaries throughout the county. Under the MOU with the participants, Lassen County Fire Safe Council, Inc. continues in its leadership role in CWPP planning and coordination. Our monthly general meeting also continue to be forums for CWPP participants and the community as a whole. In August of 2015 the Lassen County Board of Supervisors allocated significant funds to support our CWPP and *Firewise Communities USA* efforts, which will allow us to dedicate more time and energy to these critical programs.

The CWPP Working Group continues to place its highest priority on moving forward with planning for Diamond Mountain fuel treatments. All participating CWPP partners believe that a combined public/private partnership is best path forward to preserve and restore the greater Susanville watershed and protect communities in the shadow of Diamond Mountain. LCFSC is taking the lead role in coordinating the effort.

Lassen County Fire Safe Council, Inc. continues to build on our strong partnerships. We have an aggressive program of active and planned fuel treatments and we are also ramping up the pace of getting Lassen County communities organized and recognized by the *Firewise Communities USA* program. We have 10 recognized communities to date.

Part and parcel of this *Firewise* effort is our one-on-one contact with residents through our Risk Assessment in the Home Ignition Zone consultations. Here residents learn what they can do to reduce structural ignitability in the advent of a nearby wildfire. One important point to remember: **Many of the homes that are lost in wildfires are ignited by embers from a fire a substantial distance away, and then the home ignites the adjacent vegetation, not vice versa!** As we say in our homeowner consultations: "This new information is standing things on their head in California where there is a huge and important emphasis on defensible space." Just having defensible space will not protect the home from an ember shower, one must also address structural ignitability. We continue to receive rave reviews from residents during our visits and we often hear "I had no idea..." at the close of our consultations.

Last year we completed work on the current phases of our Milford and Clear Creek projects. Work continues on our Little Valley project that is being partnered with Sierra Pacific Industries and PG&E. Initial funding has been obtained for Diamond Mountain Initiative projects and we are actively seek additional partner commitments.

A big thank you to all our partners in the Lassen County CWPP Working Group,

Lloyd Keefer,

Chair



We are active participants in FIREWISE Communities USA programs.

2015 Lassen County CWPP Work Plan

WUI Area: Day/Lookout/Nubieber

Funding: Planning/Not Funded

2014 Planning

Number of Acres: 400

Agency or Agencies: LCFSC, SPI

Project Name: Big Valley Mtn. Fuelbreak

Project Coordinates: -121.232 41.067

Summary of Project: Proposed 11-mile long shaded fuelbreak along A-Line and B-Line roads on Big Valley Mtn in Lassen and Modoc counties. Project would be +/- 300 ft. wide and begin at Hwy 299E at the southern end of the project area. Creation of shaded fuelbreak would include removal of biomass material from the understory as well as treating brush and ground fuels. The shaded fuelbreak would assist agency firefighting efforts by slowing or - under certain conditions - stopping a wildfire, and will also provide an anchor point for fireline construction and a safe corridor for evacuation of public and agency personnel if needed. In addition, the presence of this fuelbreak will lower the risk to residences and communities along the Day Road to the west of the project area and the Foothill Road to the east of it.

Project Map:



WUI Area: Westwood-Clear Creek

Funding: Partially Funded

2015 Implementation

Number of Acres: 1850

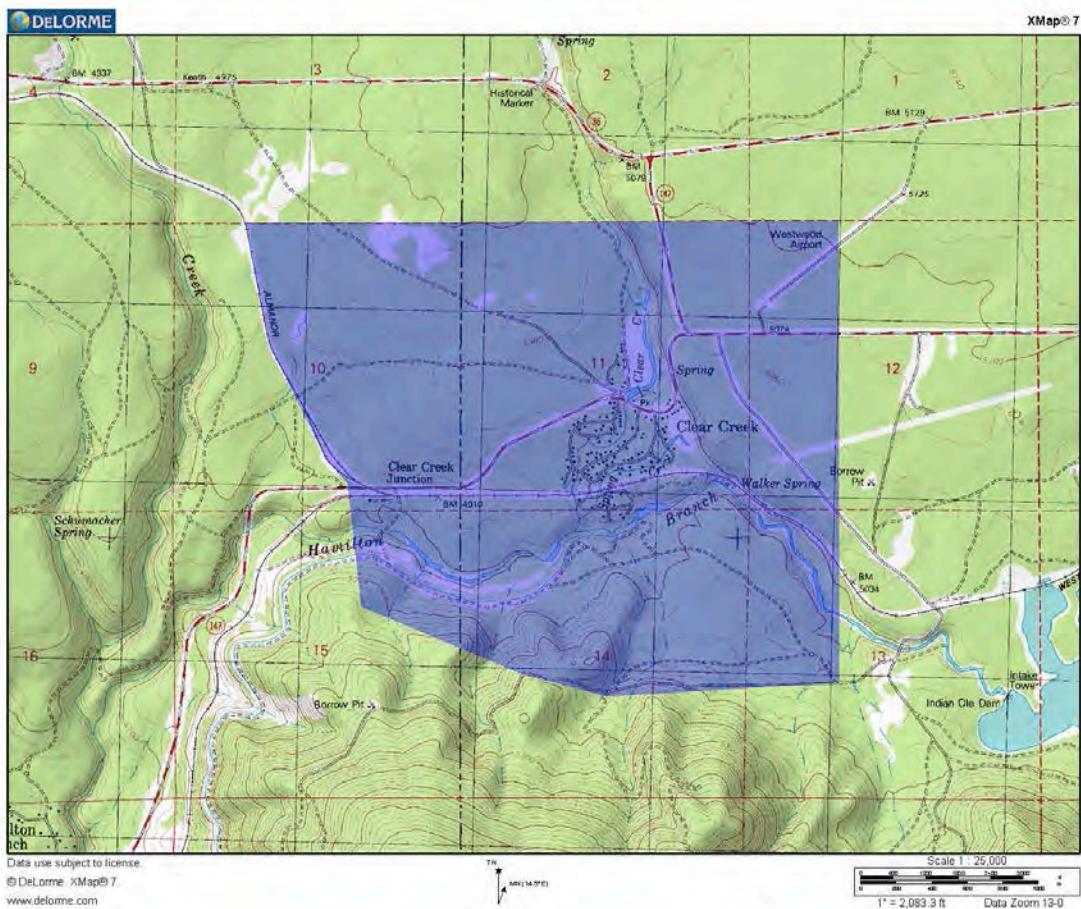
Agency or Agencies: LCFSC, SNC, SPI, W.M. Beaty, CalFire, PG&E, Clear Creek CSD

Project Name: Clear Creek Forest & Meadow Restoration Project

Project Coordinates: N40.29628 W121.05017

Summary of Project: LCFSC has Completed 830 acres of the project to date. Additional funds will be requested to perform more mastication treatments will restore the watershed and reduce hazardous fuel loads within and around the Clear Creek community along with LCFSC partners SPI, W.M. Beaty & Associates and PG&E. Brush fuels will be masticated where they pose a threat to homes and/or are within potential evacuation corridors. We will also perform additional Risk in the Home Ignition Zone/structure ignitability assessments with community residents and provide additional treatments around homes if funds become available.

Project Map:



WUI Area: Day

Funding: Planning/Not Funded

2015 Planning

Number of Acres: 500

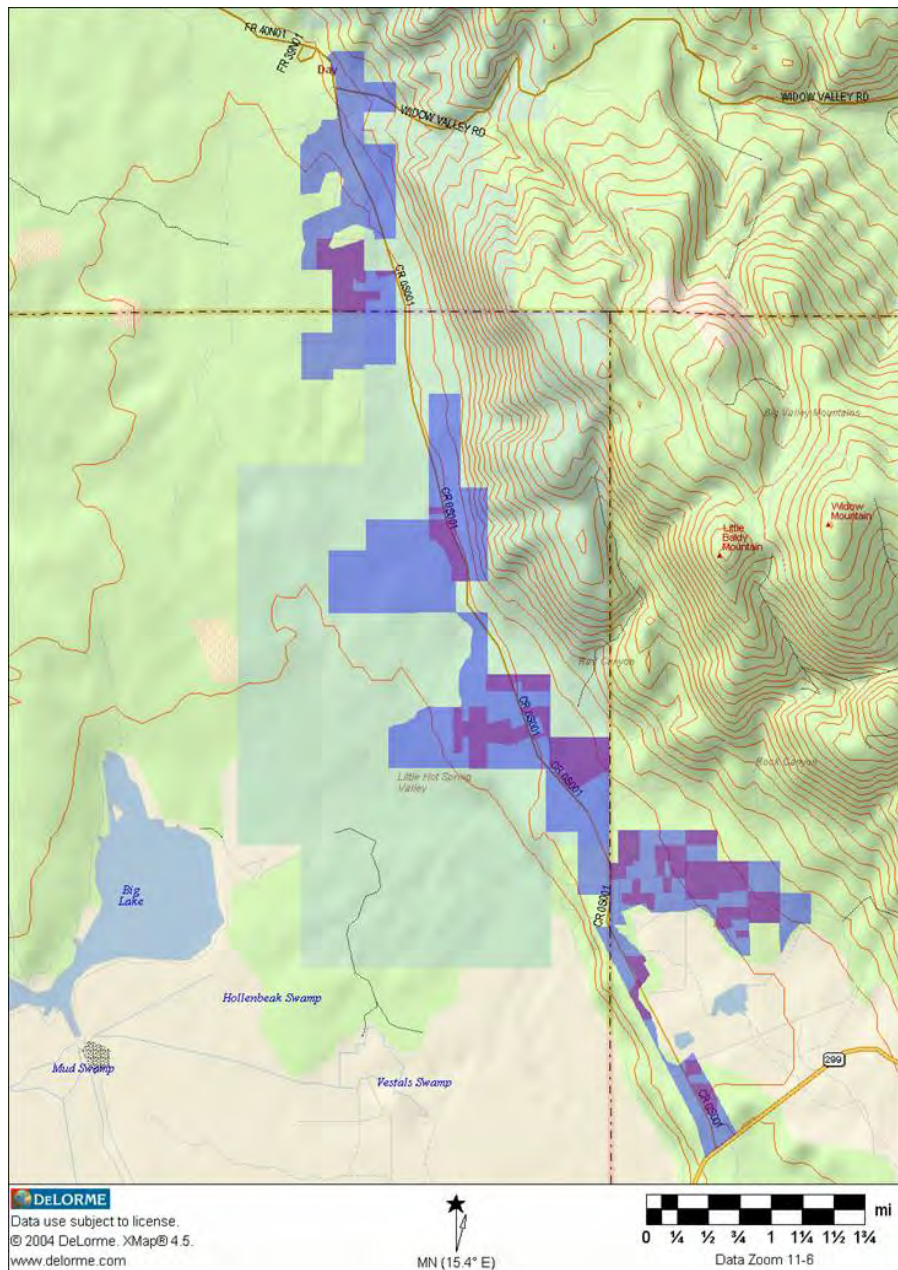
Agency or Agencies: LCFSC, DLBFSC

Project Name: Day Lassen Bench Mastication

Project Coordinates: N 41.1538 W120.3539

Summary of Project: Mastication of brush along the Day Road corridor to reduce hazardous fuel loads allow for safer evacuations and aid in potential fire suppression efforts.

Project Map:



WUI Area: Susanville

Funding: Planning/Not Funded

2015 Planning

Number of Acres: 7000

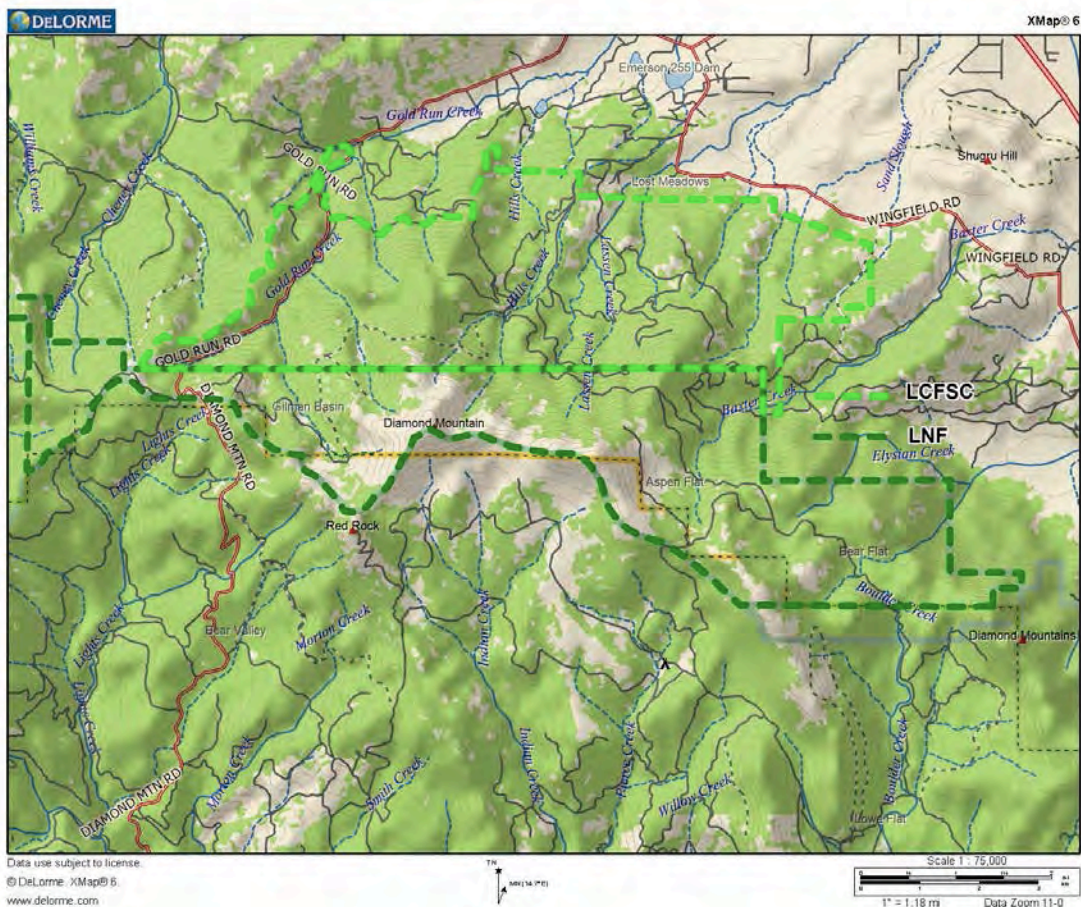
Agency or Agencies: LCFSC, Calfire, HLVRCD, USFS

Project Name: Diamond Mountain

Project Coordinates: N40.3214 W120.6690

Summary of Project: LCFSC will continue planning for a collaborative fuels treatment project along and below Diamond Mountain south of Susanville. Work will tie in to work previously completed by LCFSC, BLM and HLVRCD. LNF will be the lead for USFS land and LCFSC will be the lead for private land within the project area. It is anticipated the LCFSC will be asking for assistance from CFSC, CalFire and USFS with funding.

Project Map:



WUI Area: Doyle

Funding: Planning/Not Funded

2015 Planning

Number of Acres:

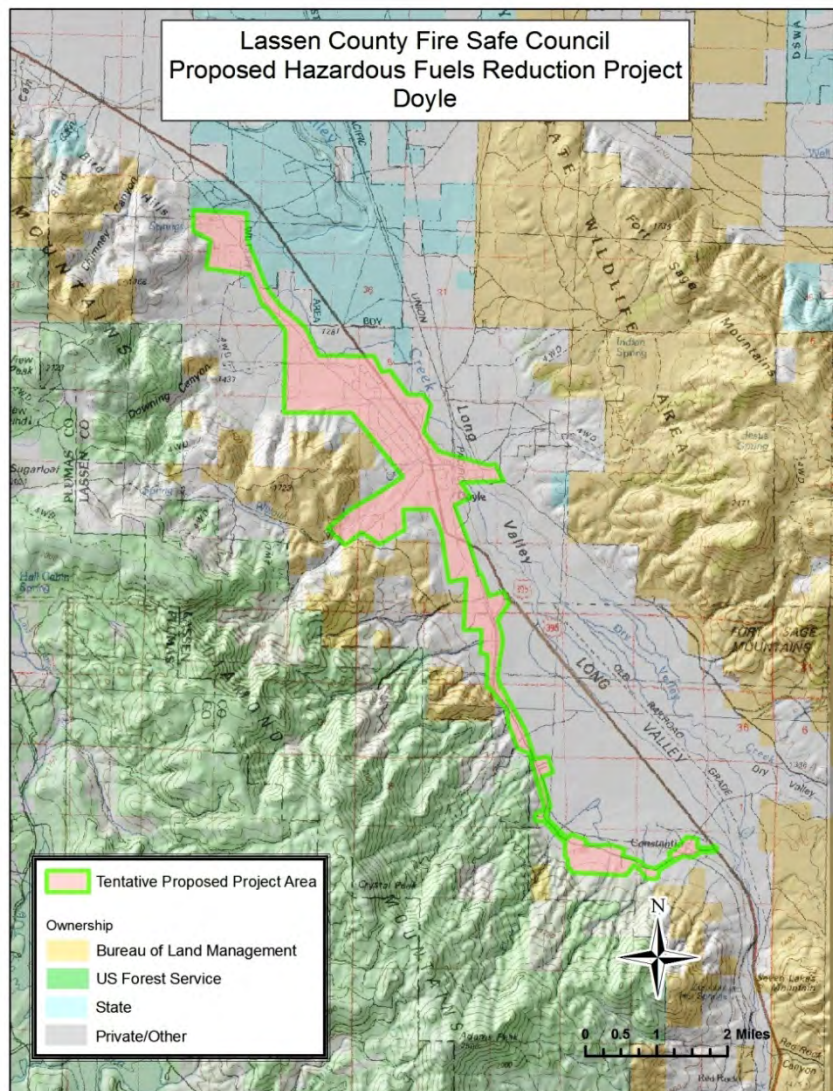
Agency or Agencies: LCFSC, PNF, BLM

Project Name: Doyle Fuel Treatments and Risk Assessments

Project Coordinates: N40.0273 W120.1030

Summary of Project: LCFSC, in conjunction with PNF and BLM, is in the initial planning stage of assisting the community of Doyle in gaining Firewise Communities USA status/certification and with a possible fuels treatment project that could include fuel breaks in sagebrush areas surrounding the community. Also under consideration could be private land forest thinning with cooperating landowners that are adjacent to PNF. Risk Assessments in the Home Ignition Zone/structural ignitability assessments would also be conducted with community residents. LCFSC has been making its initial contacts with community members.

Project Map:



WUI Area: South Eagle Lake

Funding: Planning/Not Funded

2015 Planning

Number of Acres:

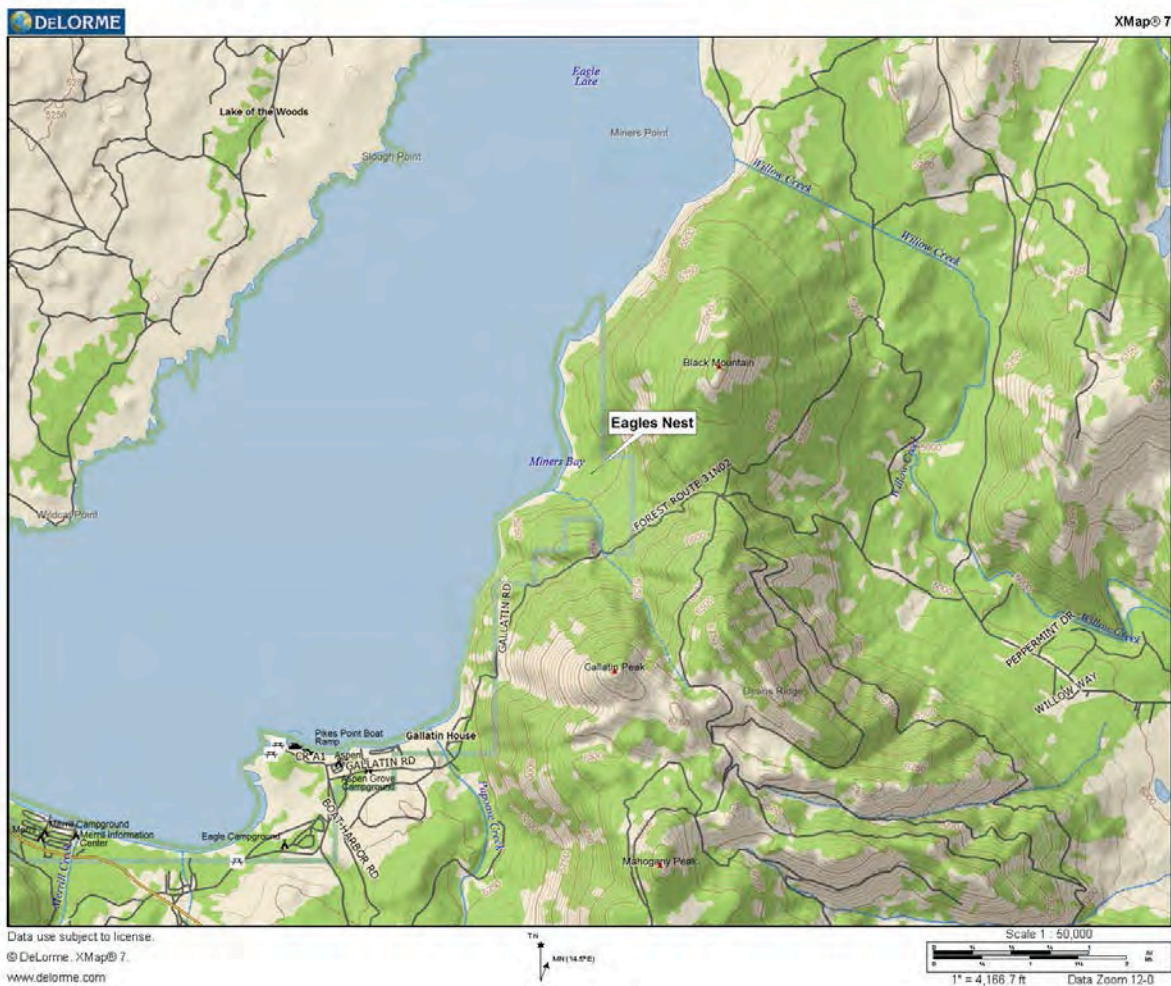
Agency or Agencies: LCFSC,LNF/ELRD, SPI

Project Name: Eagles Nest Planning

Project Coordinates: N40.5830 W120.7450

Summary of Project: LCFSC will continue planning and scoping of a project in the Eagles Nest Community in the South Eagle Lake Community. Project is within LNF and we will be working with LNF/ELRD and neighboring property owner SPI

Project Map:



WUI Area: Janesville

Funding: Partially Funded

2015 Implementation

Number of Acres: 400

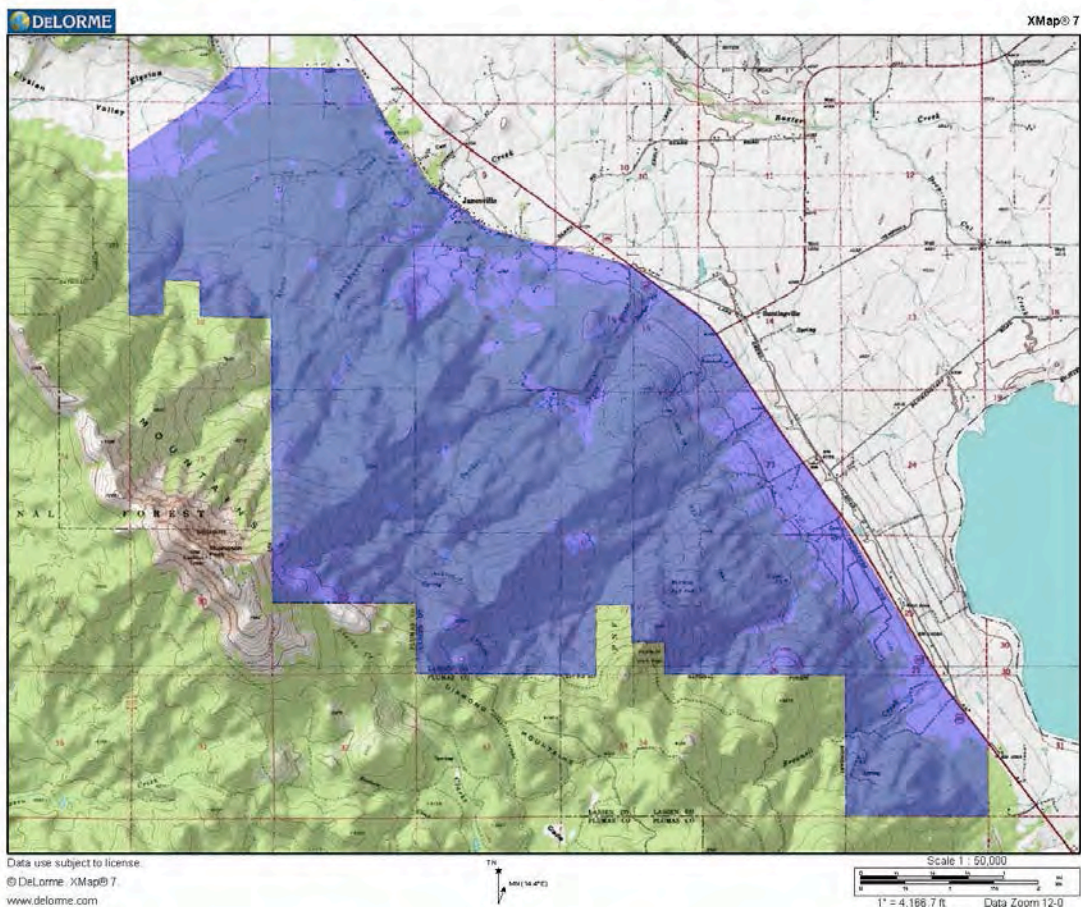
Agency or Agencies: LCFSC, Janesville Town Council, Lassen County RAC

Project Name: Janesville Fuel Treatments and Risk Assessments

Project Coordinates: N40.26777 W120.49461

Summary of Project: Project is the continuation of the 2014 fuel treatments and Risk Assessments in the Home Ignition Zone/structural ignitability assessments. More residents signed up in our previous phases than the available funds would service. Lassen RAC has supplied partial funding. The planned treatments include developing defensible space around homes and potentially 400 additional acres of landscape scale fuel treatments. Forest stands will be thinned and brush fuels will be masticated where they pose a threat to homes and/or are within potential evacuation corridors. Biomass utilization of material would be used to reduce costs.

Project Map:



WUI Area: Adin

Funding: Planning/Not Funded

2015 Implementation

Number of Acres: 400

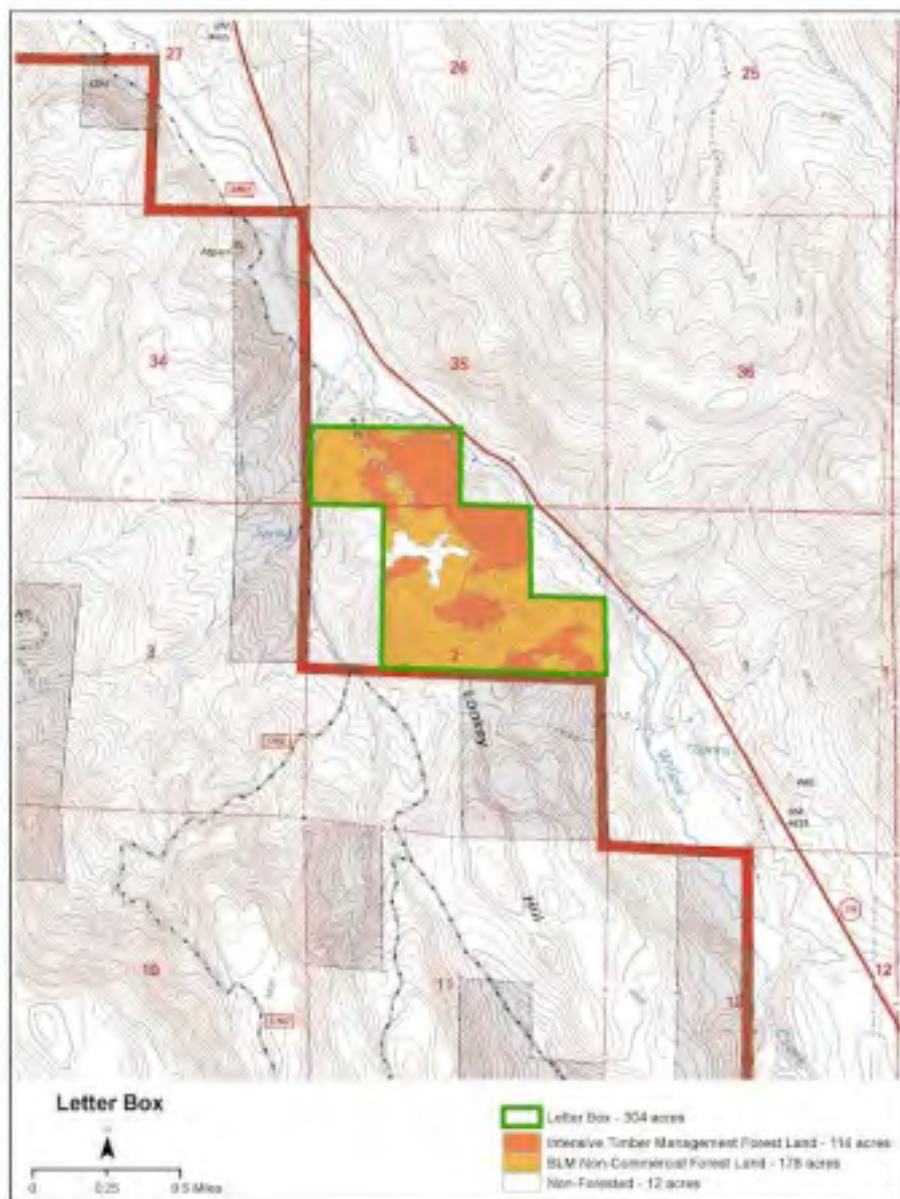
Agency or Agencies: LCFSC, AFO BLM

Project Name: Letter Box

Project Coordinates: 0676147 4549573

Summary of Project: Commercial thinning of overstocked stands to achieve the desired stocking level (approximate BA of 80sq. ft.) to increase health and vigor. Commercial and non-commercial sanitation harvest of trees to control insects and disease.

Project Map:



WUI Area: Lookout/Nubieber

Funding: Partially Funded

2015 Implementation

Number of Acres: 4200

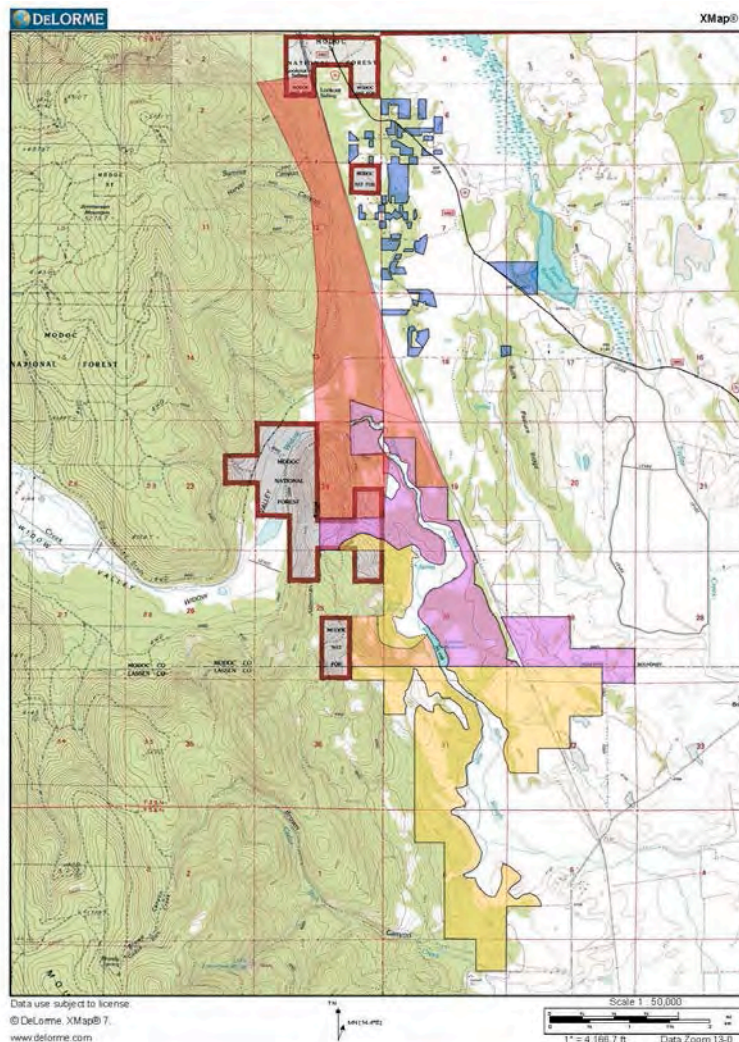
Agency or Agencies: LCFSC, PRCD, SNC, CalFire, W.M. Beaty, SPI, CFSC

Project Name: Lookout Watershed Restoration & WUI Treatments

Project Coordinates: N41.1827 W121.2012

Summary of Project: LCFSC & PRCD have completed 2,000 acres and will be applying for additional funding as opportunities arise. Project reduces hazardous fuel loads and restores the forest, watershed and critical wildlife habitat. Invasive western juniper will be removed and pine stands will be thinned to 40-50% crown closures. The previous phase was funded by SNC & CFSC; CalFire has committed Conservation Crews to assist with follow-up hand treatments. This Phase will focus on fuels west of the RR Tracks; additional treatments will be conducted within the Lookout Ranchetts community if sufficient funding is available. Project lies within Lassen and Modoc Counties and is also a top priority in the Modoc County CWPP.

Project Map:



WUI Area: Little Valley

Funding: Partially Funded

2015 Implementation

Number of Acres: 2000

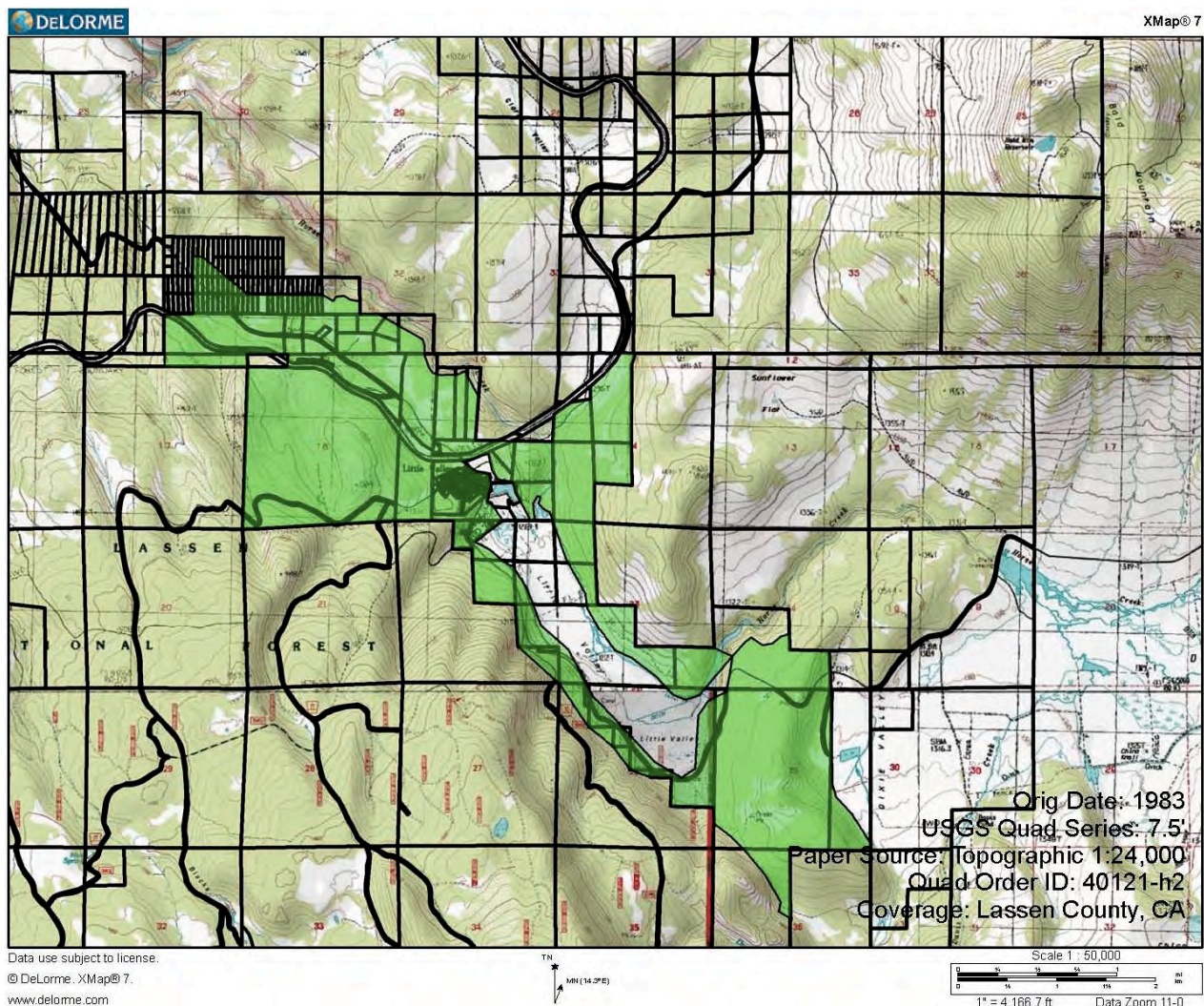
Agency or Agencies: LCFSC, Calfire, SNC, PG&E, CFSC, Little Valley CSD

Project Name: Little Valley Forest & Meadow Restoration Project

Project Coordinates: N40.8938 W121.1815

Summary of Project: LCFSC has received partial funding for this project. We expect that 1,400 acres will be treated in 2014. We will be applying for additional implementation funds to complete the forest and meadow restoration treatments around the community of Little Valley. Primary work will be the removal of invasive western juniper and forest thinning in overstocked pine stands. LCFSC is working with SPI and 2 other major landowners on landscape scale treatments. The project will also assist community homeowners with treatments within the Little Valley residential neighborhood and protect community infrastructure (PG&E electric lines). Risk in the Home Ignition Zone/structure ignitability assessments within and around the community will also be part of the project.

Project Map:



WUI Area: Little Valley

Funding: Planning/Not Funded

2015 Implementation

Number of Acres: 0

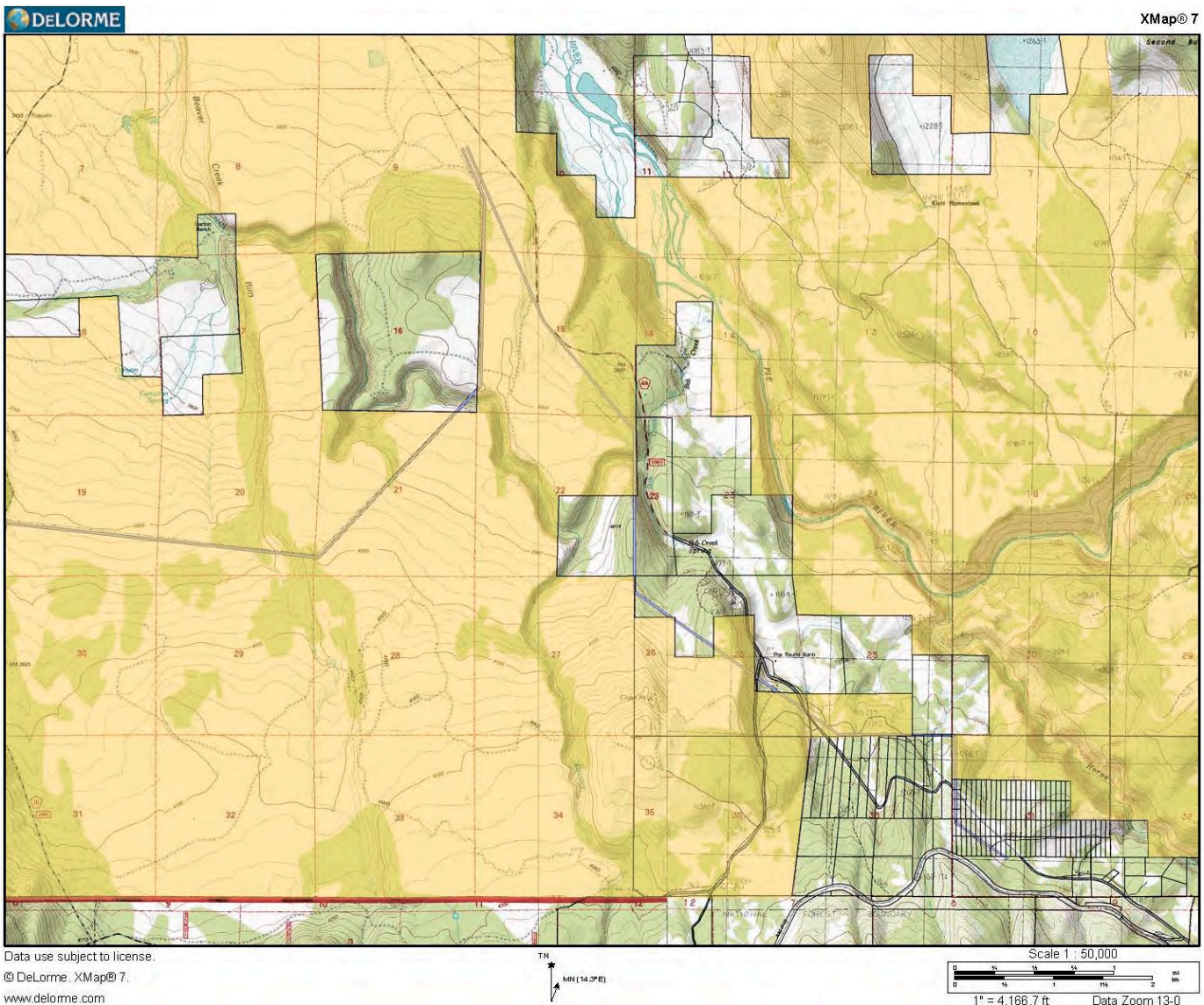
Agency or Agencies: LCFSC, Calfire, BLM, PG&E, CFSC, Little Valley CSD

Project Name: Little Valley Critical Infrastructure Protection

Project Coordinates: N40.8938 W121.1815

Summary of Project: LCFSC received partial funding for a portion of project in 2014 and completed 2 miles of treatments that protect infrastructure critical to the Little Valley Community, the PG&E electric lines. In 2015 we will be coordinating with private landowners and BLM to complete the protection of the electric lines that serve the community, an approximate distance of 11 miles in length. Mastication of brush will be the primary treatment.

Project Map:



WUI Area: Madeline

Funding: Planning/Not Funded

2015 Choose an item.

Number of Acres: 1,000

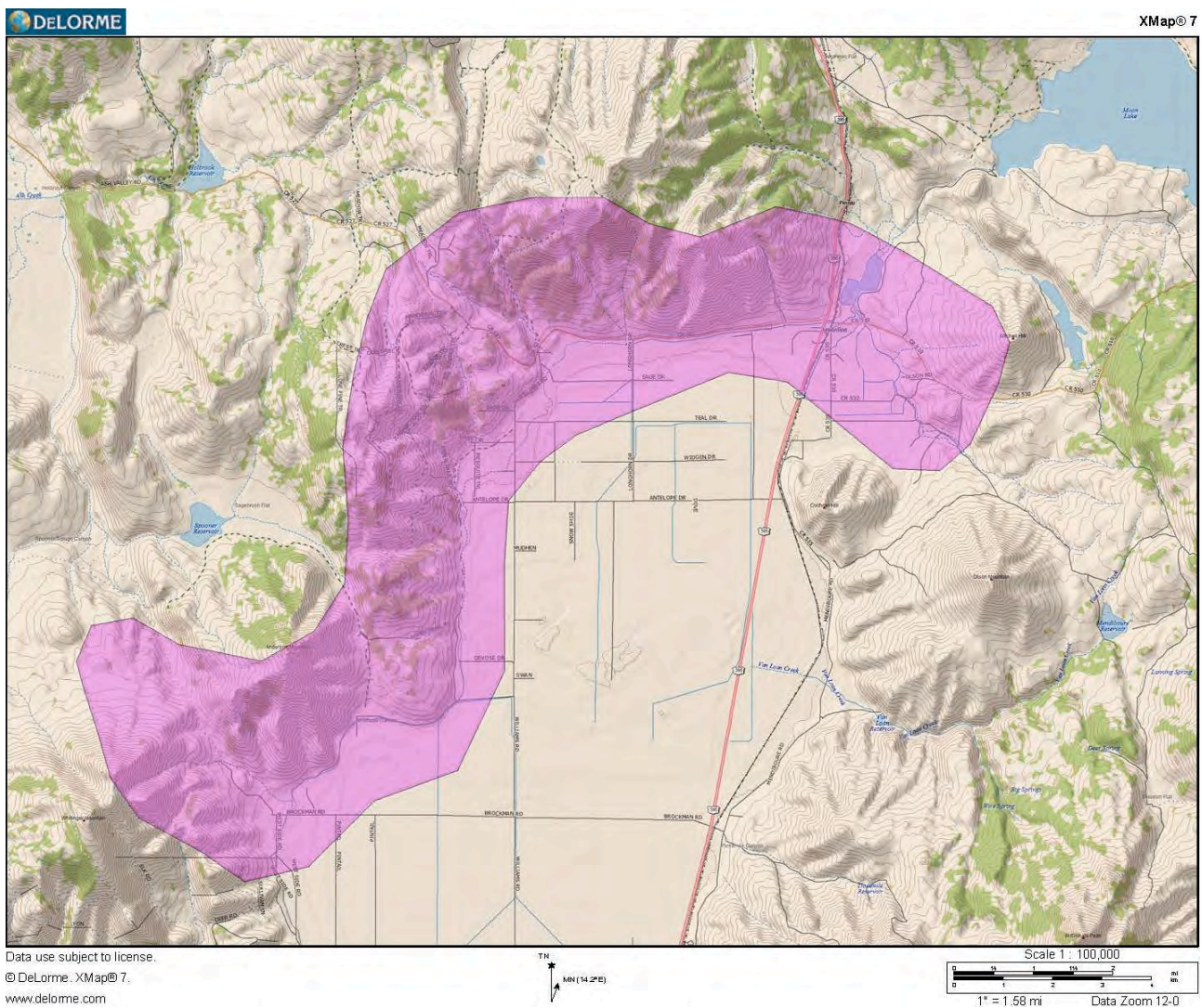
Agency or Agencies: LCFSC, PRCD

Project Name: Madeline

Project Coordinates: N41.0514 W120.4567

Summary of Project: Project to include a Community Assessment, Firewise Community recognition, Risk Assessments in the Home Ignition Zone/Structural Ignitability Assessments, Fuel Treatments Around Structures and Landscape Scale Fuel Treatments

Project Map:



WUI Area: Milford

Funding: Partially Funded

2015 Implementation

Number of Acres: 600

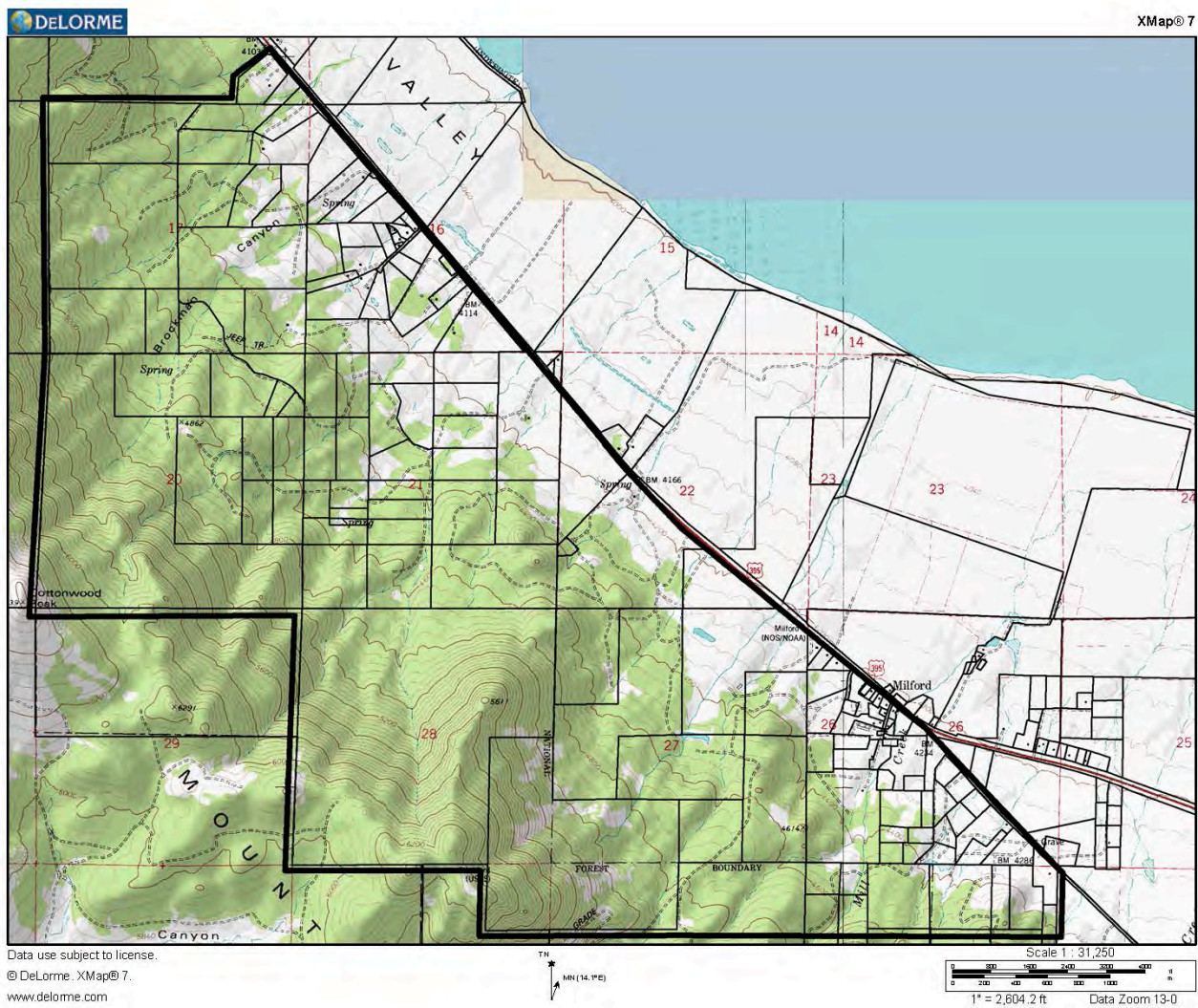
Agency or Agencies: LCFSC, CFSC

Project Name: Milford Fuel Treatments and Risk Assessments

Project Coordinates: N40.1768 W120.3885

Summary of Project: LCFSC has been implementing fuel treatments in 2014. 600 acres of fuel treatments were accomplished along with residential Risk Assessments in the Home Ignition Zone/structural ignitability assessments. Additional treatments around structures are underway.

Project Map:



WUI Area: Susanville

Funding: Planning/Not Funded

2015 Implementation

Number of Acres: 5000

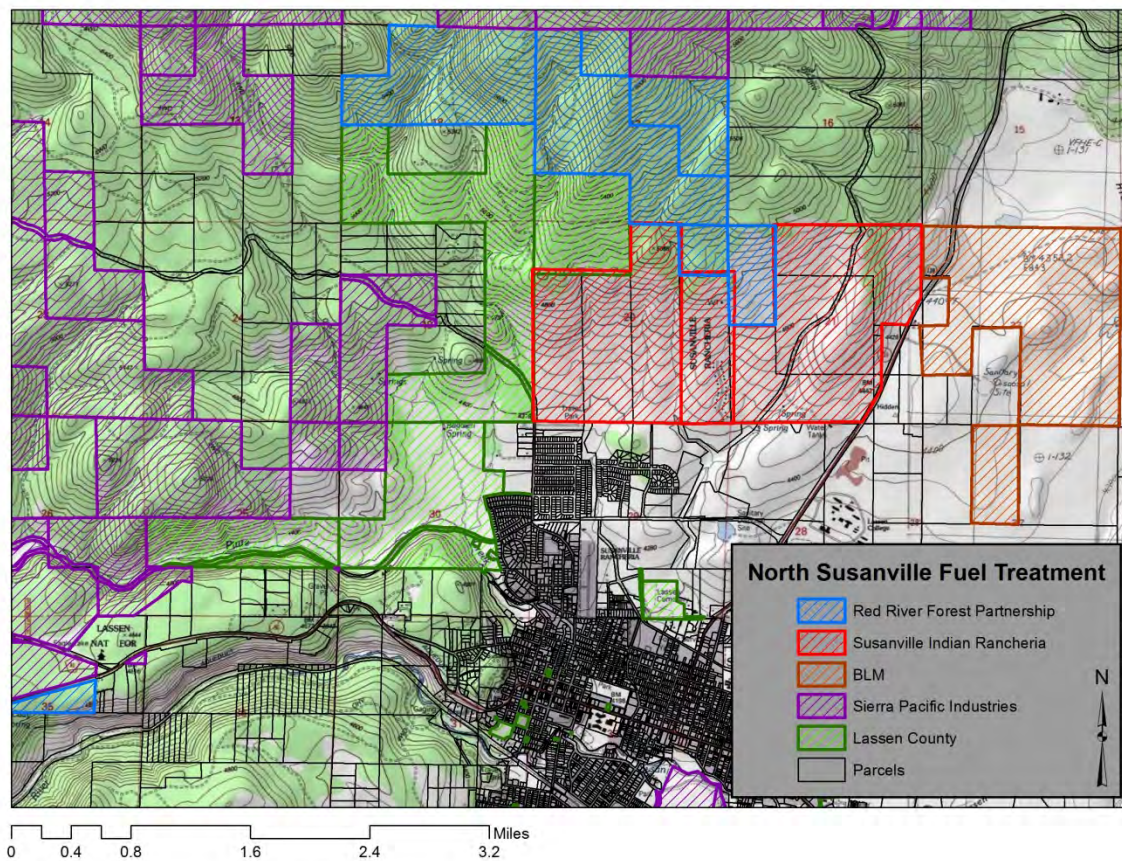
Agency or Agencies: SIR/BLM/Beaty/SPI/Lassen County/HLV RCD

Project Name: North Susanville Fuel Treatment

Project Coordinates: N40.4460 W120.6435

Summary of Project: LCFSC & Honey Lake Valley Resource Conservation District (RCD) is in the preliminary stages of organizing a partnership between the Susanville Indian Rancheria (SIR), Bureau of Land Management (BLM) - Eagle Lake Field Office (ELFO), Beaty and Associates, Sierra Pacific Industries (SPI), the County of Lassen, and the Lassen County Fire Safe Council (LCFSC) to treat fuels within the Northwest and North WUI of Susanville from Hwy 36 to Hwy 139. Treatments will include mechanical thinning, biomass removal, hand thinning, and underburning. The objectives of the project are to reduce surface, ladder, and canopy fuels in order to protect the City of Susanville and improve forest health within the Susan River Watershed.

Project Map:



WUI Area: Lake Forest

Funding: Planning/Not Funded

2015 Planning

Number of Acres: 1000

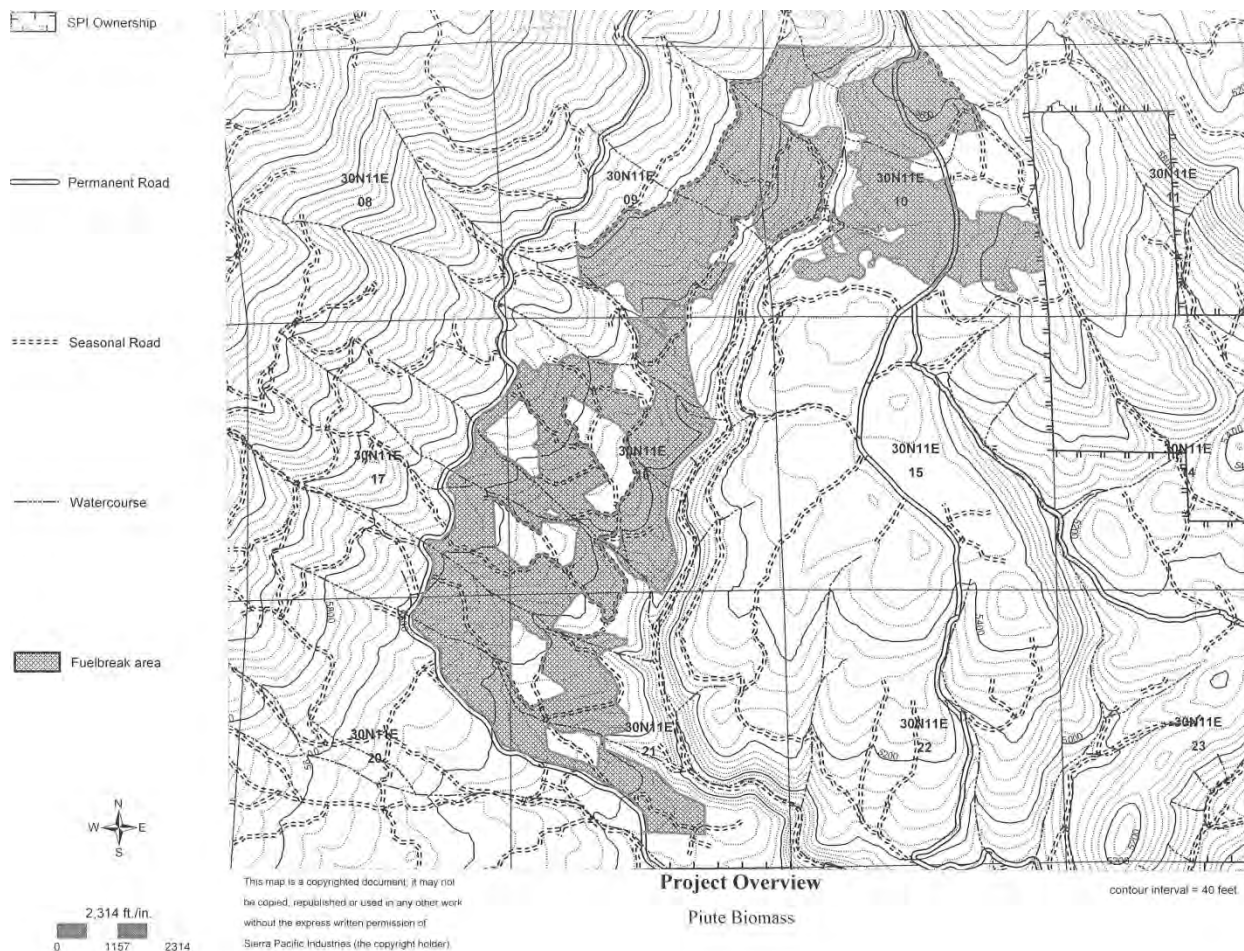
Agency or Agencies: LCFSC, SPI

Project Name: Piute Creek Fuels Reduction

Project Coordinates: N40.46481 W120.75329

Summary of Project: Conduct landscape level fuel treatments to reduce the threat of catastrophic wildfire within the Piute Creek watershed. Communities at risk are Lake Forest and Susanville. Forest stands to be treated include 35 year old plantations resulting from the 1977 Eagle Lake Fire. Treatments will consist of thinning and chipping of sub merchantable trees followed with hand or mechanical methods to reduce loading of brush and slash fuels along County road A-1, which is a high use recreational road and potential evacuation corridor for Lake Forest and Spaulding communities. Biomass material will be utilized to help offset treatment costs. This project will continue the previous work done by LCFSC and SPI around Lake Forest.

Project Map:



WUI Area: South Eagle Lake

Funding: Planning/Not Funded

2015 Planning

Number of Acres: 4,000

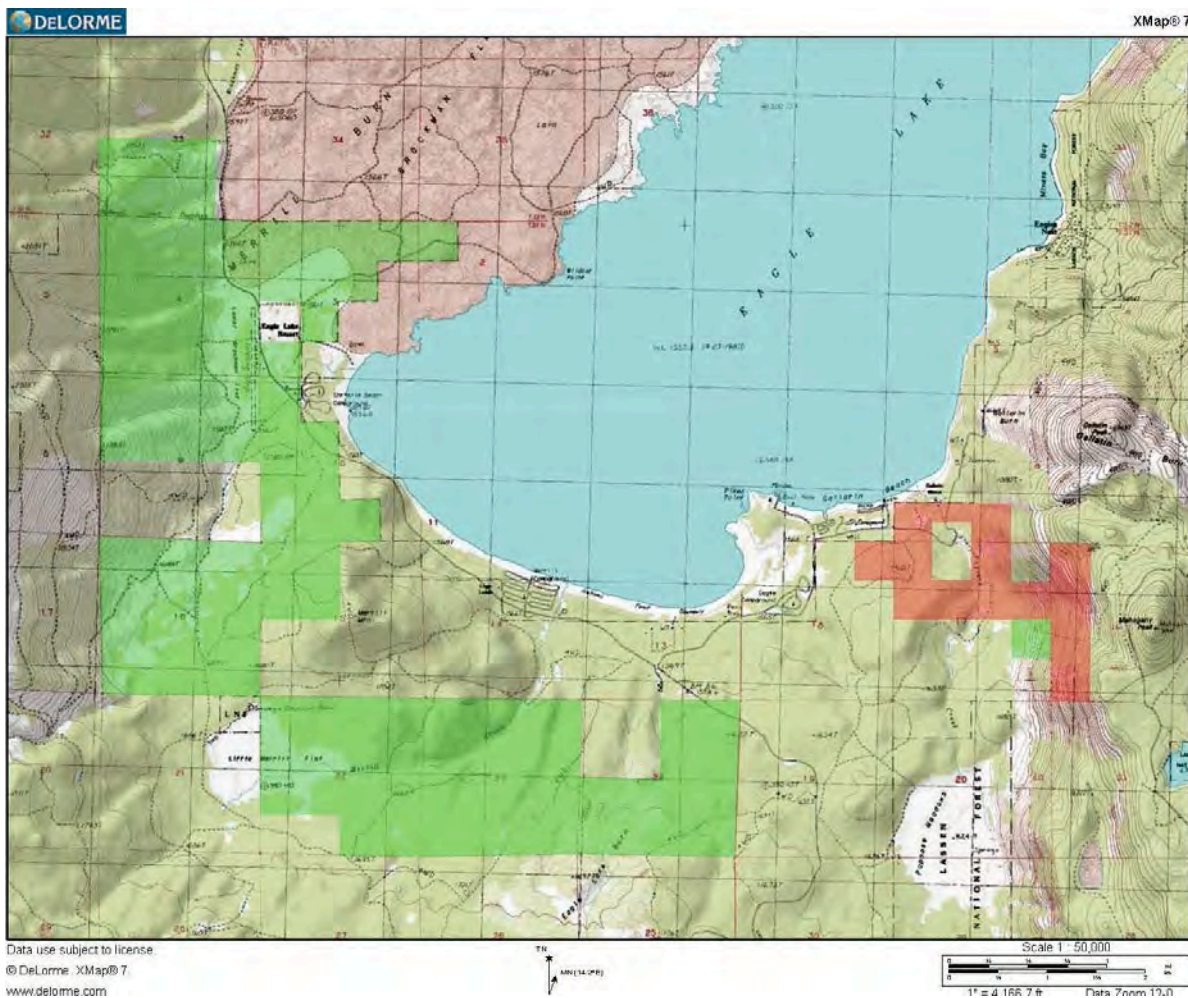
Agency or Agencies: LCFSC, FSC, WMB

Project Name: South Eagle Lake Forest & Watershed Restoration

Project Coordinates: 40 32 22 120 47 1

Summary of Project: Biomass thinning of plantation and native forests to restore forest and watershed.

Project Map:



WUI Area: Spaulding

Funding: Planning/Not Funded

2015 Planning

Number of Acres: 40

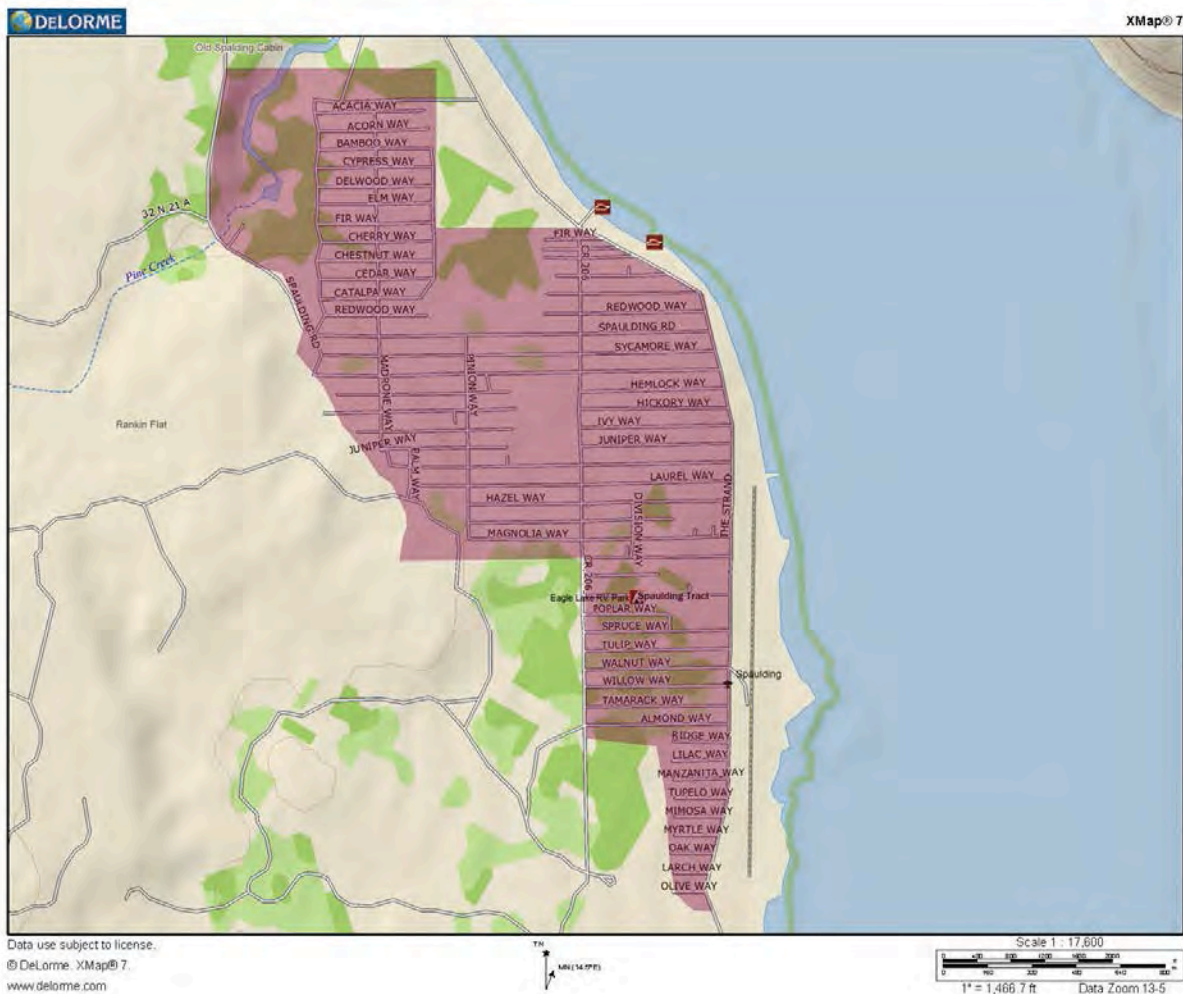
Agency or Agencies: LCFSC

Project Name: Spaulding Fuel Reduction Planning and Risk Assessments

Project Coordinates: N40.6573 W120.7759

Summary of Project: LCFSC will be seeking funds to perform risk assessments in the home ignition zone and fuel reduction treatments within and around the Spaulding community in Lassen County. Work will complement previously completed work by LNF. We may be asking for funding and/or assistance from CFSC, CalFire, Lassen County RAC or USFS

Project Map:



WUI Area: Susanville

Funding: Partially Funded

2015 Planning

Number of Acres: 4322

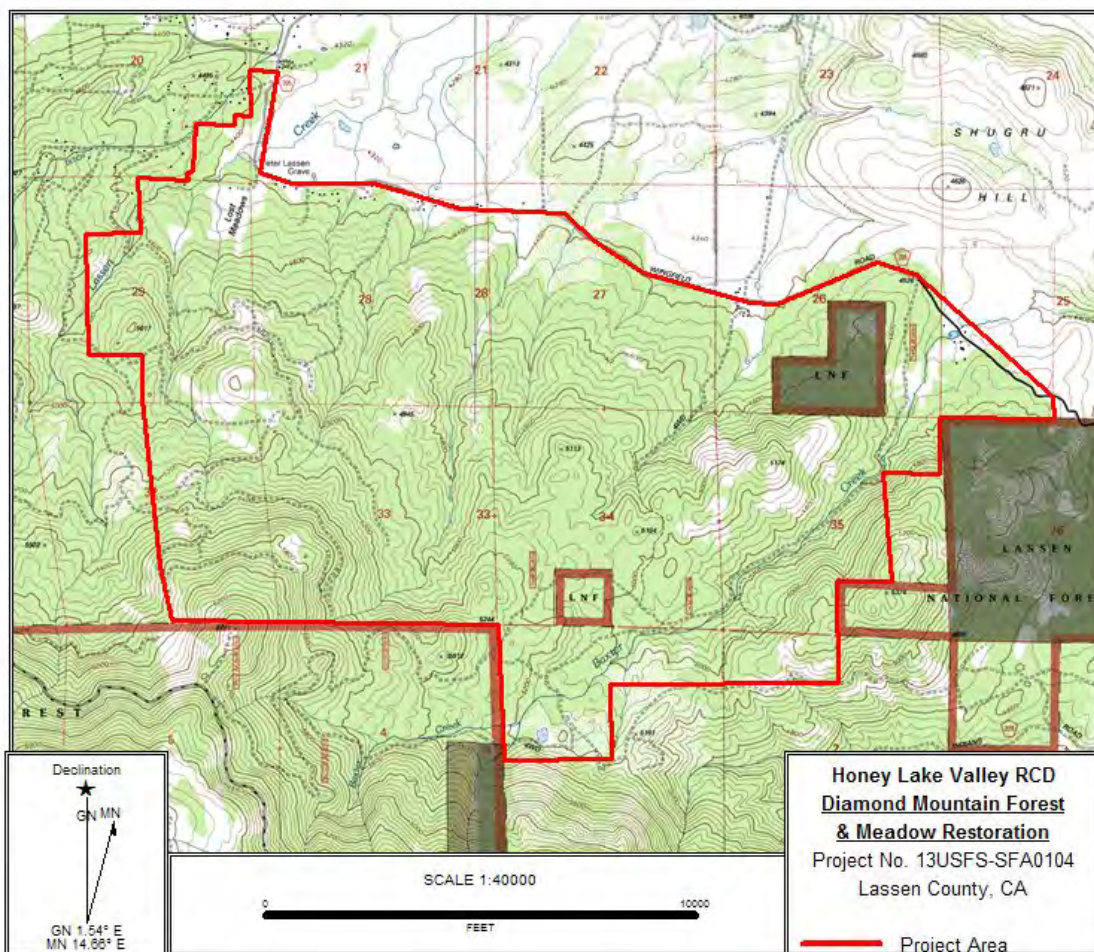
Agency or Agencies: Honey Lake Valley RCD

Project Name: Diamond Mountain Forest and Meadow Restoration Project

Project Coordinates: N40.334 W120.616

Summary of Project: HLVRCD is assessing, planning, and coordinating the treatment of additional acreage on the Diamond Mountain Forest and Meadow Restoration project with an emphasis on acreage adjacent to the Lassen National Forest.

Project Map:





Cooperative Sagebrush Steppe Restoration Initiative

Thomas W. Esgate, Project Director
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Susanville, California 96130
530-310-0146
twesgate@sbcglobal.net

The *Cooperative Sagebrush Steppe Restoration Initiative* is an informal partnership that began in 2004, with the principle partners being the Pit Resource Conservation District, Lassen County Fire Safe Council, Susanville Indian Rancheria and University of California Cooperative Extension, Lassen County. We entered into a formal Memo of Understanding in 2007 with Lassen and Modoc Counties; CalFire; North Cal-Neva Resource Conservation and Development Council; United States Department of Interior, Bureau of Land Management; United States Department of Agriculture, US Forest Service. We partner with almost every conceivable agency to plan and implement sagebrush steppe and eastside pine restoration projects that are mitigating the impacts of invasive western juniper (*Juniperus occidentalis*).

Our projects to date have restored over 18,000 acres of critical wildlife habitat and watershed. The Lassen County Resource Advisory Committee has been a solid partner that funded our administrative needs from 2009-12. 2015 promises to be another successful year with numerous projects underway and more projects being planned for the future.

WUI Area: Ash Valley

Funding: Planning/Not Funded

2015 Planning

Number of Acres: 1900

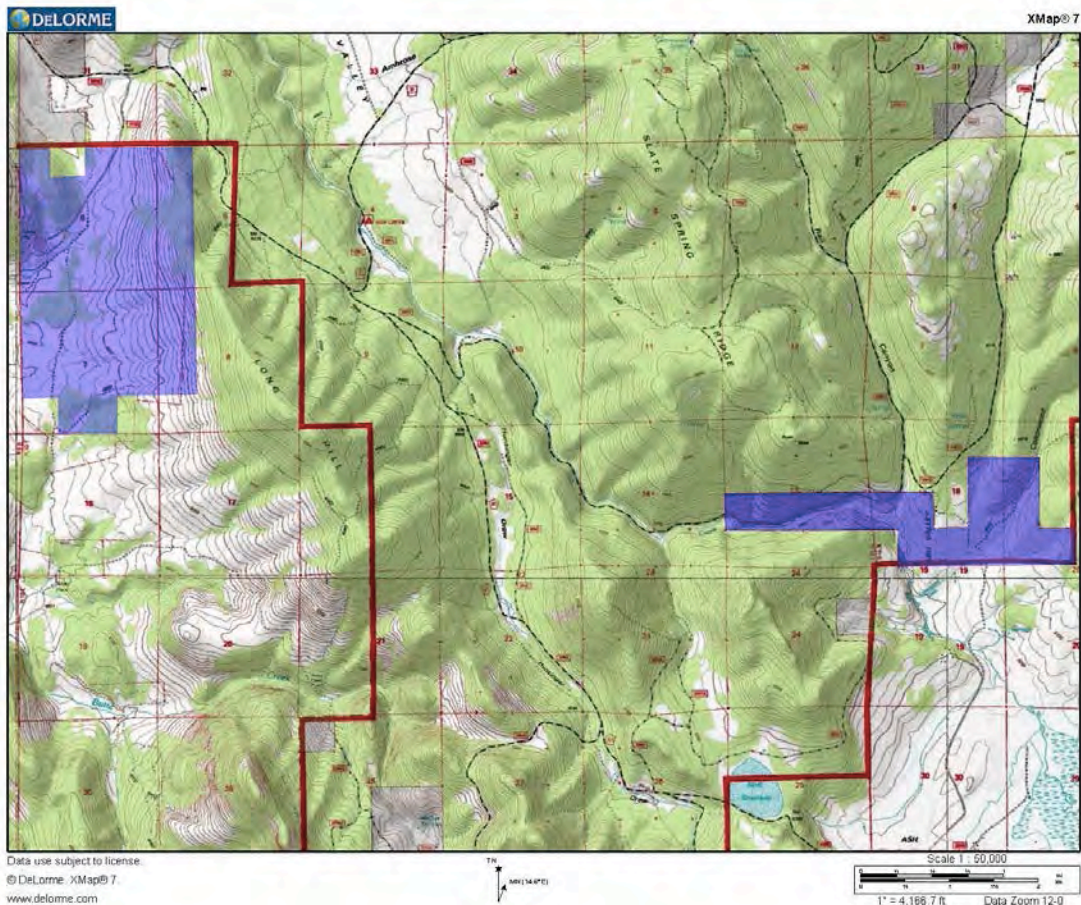
Agency or Agencies: CSSRI

Project Name: Ash Watershed Restoration Project

Project Coordinates: N41.1435 W120.8013

Summary of Project: CSSRI will continue planning with the Modoc National Forest (MDF) on a collaborative fuels treatment project west and north of the Ash Valley Community. MDF will be the lead for USFS land and LCFSC will be the lead for private land within the project area. It is anticipated CSSRI will be asking for assistance from CFSC, CalFire, NRCS and USFS with funding.

Project Map:



WUI Area: Ash Valley

Funding: Partially Funded

2015 Implementation

Number of Acres: 5500

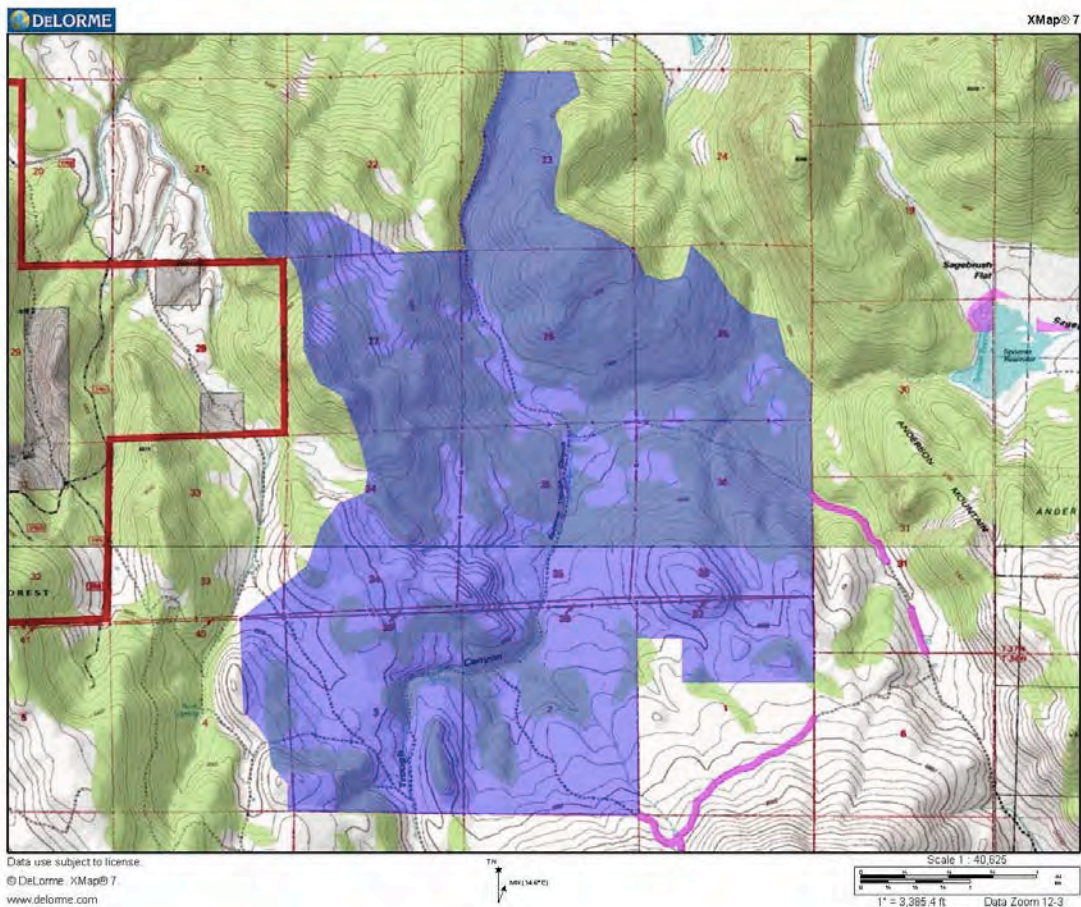
Agency or Agencies: CSSRI, BLM, CALFIRE

Project Name: Ash Valley III Watershed Restoration Project

Project Coordinates: N41.0047 W120.6750

Summary of Project: CSSRI is implementing this watershed restoration project on private and BLM managed land. BLM completed NEPA in 2011. Partial funding has been obtained from Lassen RAC, NRCS, SNC , USFWS and private landowner contributions. Project connects the BLM South Ash Valley, CSSRI Ash Valley I , II & IV and the CSSRI South Knob projects. Work consists of the removal of invasive juniper through biomass utilization in an effort to reduce hazardous fuel loads and restore the watershed and wildlife habitat. 1,179 acres were completed in 2013-14. We are currently seeking additional implementation funds from NRCS and CA/DWR. An ongoing SNC funded water monitoring project is also part of the project. CalFire Conservation Crews are assisting with hand treatments.

Project Map:



WUI Area: Madeline & DFPZ

Funding: Planning/Not Funded

2015 Planning

Number of Acres: 2554

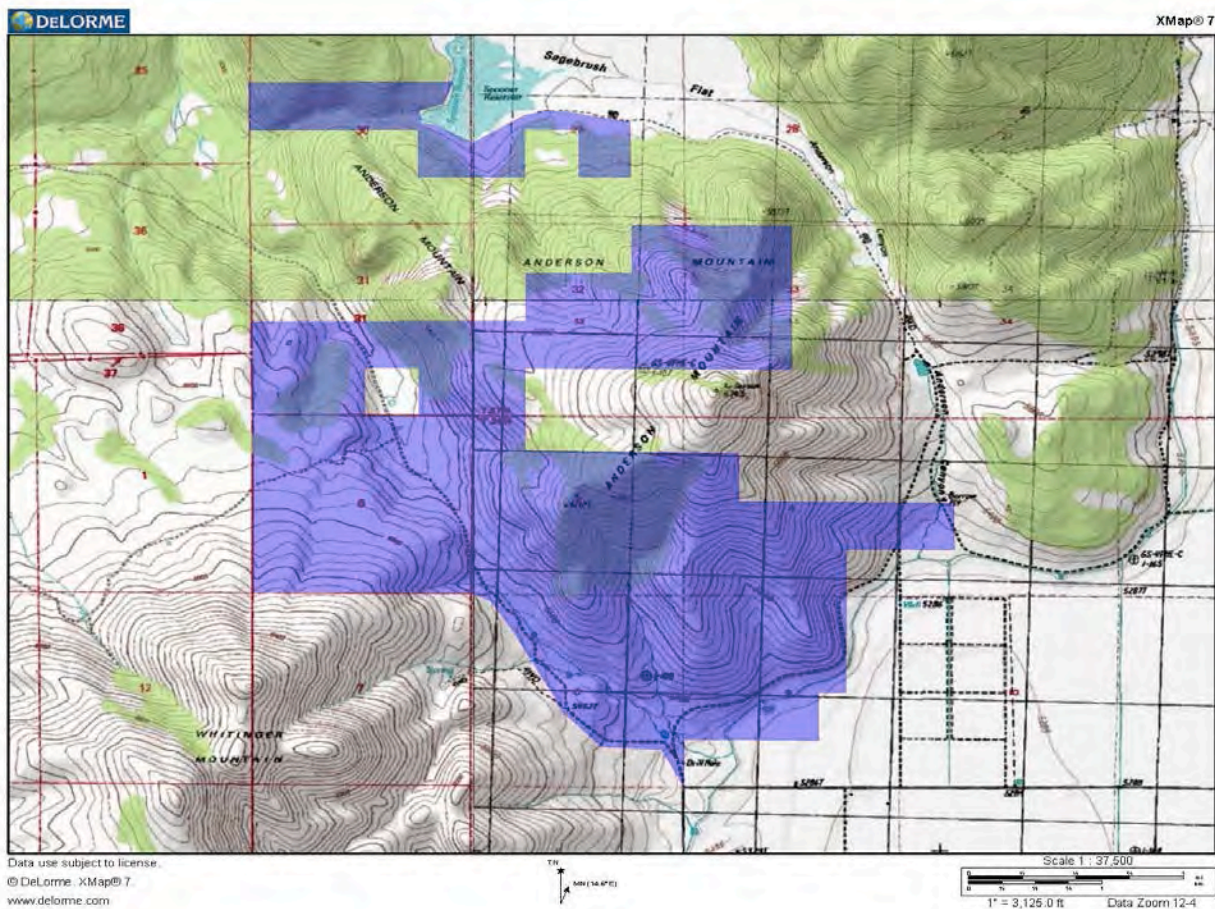
Agency or Agencies: CSSRI

Project Name: Ash Valley IV Watershed Restoration Project

Project Coordinates: N40.9793 W120.6119

Summary of Project: CSSRI, through its partners, will continue to make applications with various agencies to fund treatments on private lands. Project connects the BLM South Ash Valley, CSSRI Ash Valley I, II, III and the CSSRI South Knob projects. Work will consist of removal of invasive juniper through biomass utilization in an effort to reduce hazardous fuel loads and restore the watershed and wildlife habitat. Project will be implemented by the Cooperative Sagebrush Steppe Restoration Initiative partnership and private landowners with the assistance of our funding partners

Project Map:



WUI Area: Hayden Hill DFPZ

Funding: Partially Funded

2015 Implementation

Number of Acres: 1600

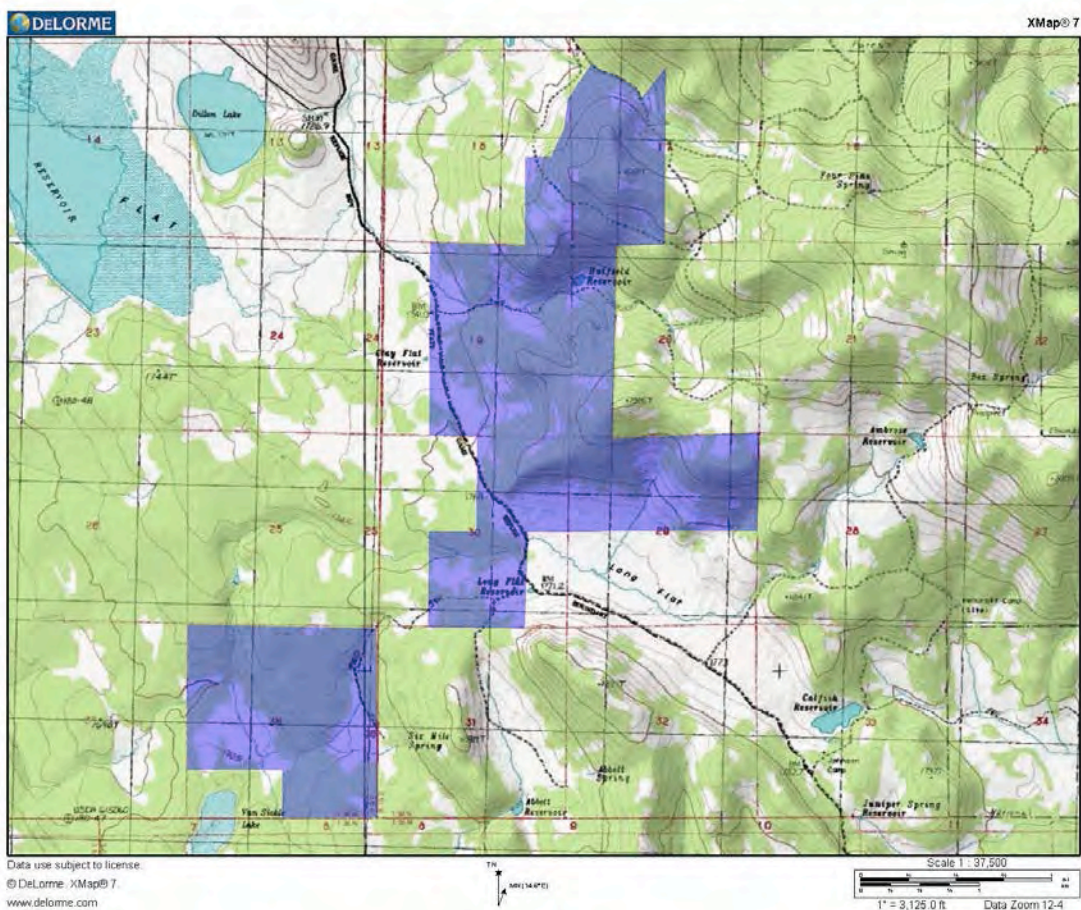
Agency or Agencies: CSSRI, CalFire

Project Name: Hayden Hill Watershed Restoration Projects

Project Coordinates: N40.9339 W120.8553

Summary of Project: CSSRI is assisting private landowners in the Hayden Hill area with watershed and wildlife habitat restoration treatments. A portion of the project is underway and being funded by NRCS and private landowner contributions. CalFire is assisting with hand treatments. Project connects with BLM projects. Work consists of the removal of invasive juniper through biomass utilization in an effort to reduce hazardous fuel loads and restore the watershed and wildlife habitat.

Project Map:



WUI Area: McBride Springs DFPZ

Funding: Planning/Not Funded

2015 Planning

Number of Acres: 743

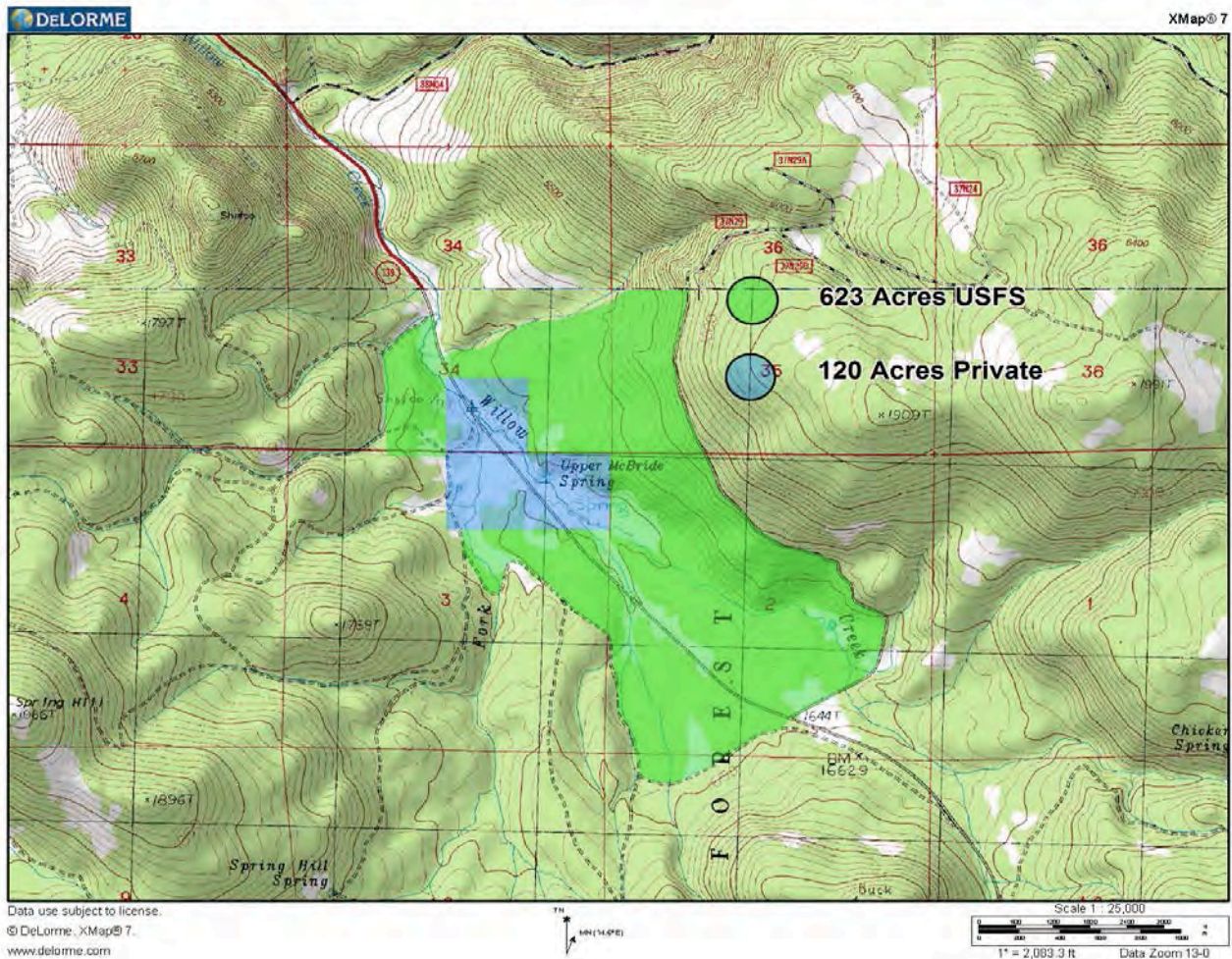
Agency or Agencies: CSSRI, MDF

Project Name: McBride Springs Upland Restoration

Project Coordinates: N40.9919 W120.7978

Summary of Project: CSSRI, through its partners LCFSC & PRCO, and in cooperation with the USFS, will be making applications with various agencies to fund treatments on private and USFS lands. NEPA and CEQA clearance has been underway for some time. In 2011 stream channel restoration work was completed. Planning work has been funded by SNC and CSSRI. Project would restore an important watershed along the Highway 139 corridor. Invasive juniper would be removed through biomass utilization in an effort to reduce hazardous fuel loads and restore the watershed and wildlife habitat. Eastside pine thinning could also occur. Project would be implemented by the Cooperative Sagebrush Steppe Restoration Initiative partnership, with the Pit Resource Conservation District as the lead, and funding partners.

Project Map:



WUI Area: Grasshopper DFPZ

Funding: Partially Funded

2015 Planning

Number of Acres: 2131

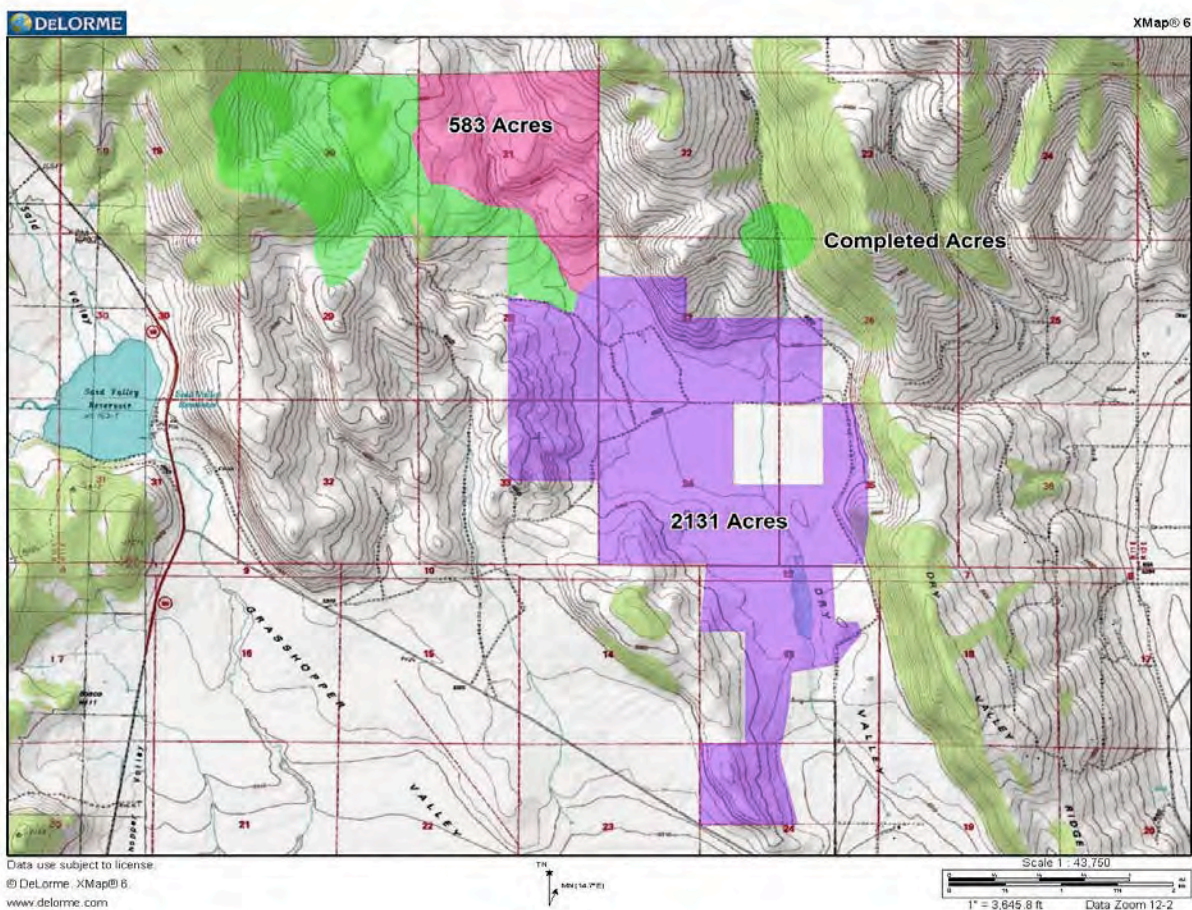
Agency or Agencies: CSSRI

Project Name: McClelland Watershed/Wildlife Habitat Restoration Project

Project Coordinates: N40.9199 W120.7020

Summary of Project: CSSRI, through its partners PRCD & LCFSC, is making applications with various agencies to fund treatments on McClelland Ranch private lands in North Grasshopper Valley. The 583 acre portion of the project identified in the map below was completed in 2012. Project connects with the CSSRI South Knob projects. Work consists of the removal of invasive juniper through biomass utilization in an effort to reduce hazardous fuel loads and restore the watershed and wildlife habitat.

Project Map:



WUI Area: Madeline

Funding: Funded

2015 Implementation

Number of Acres: 2100

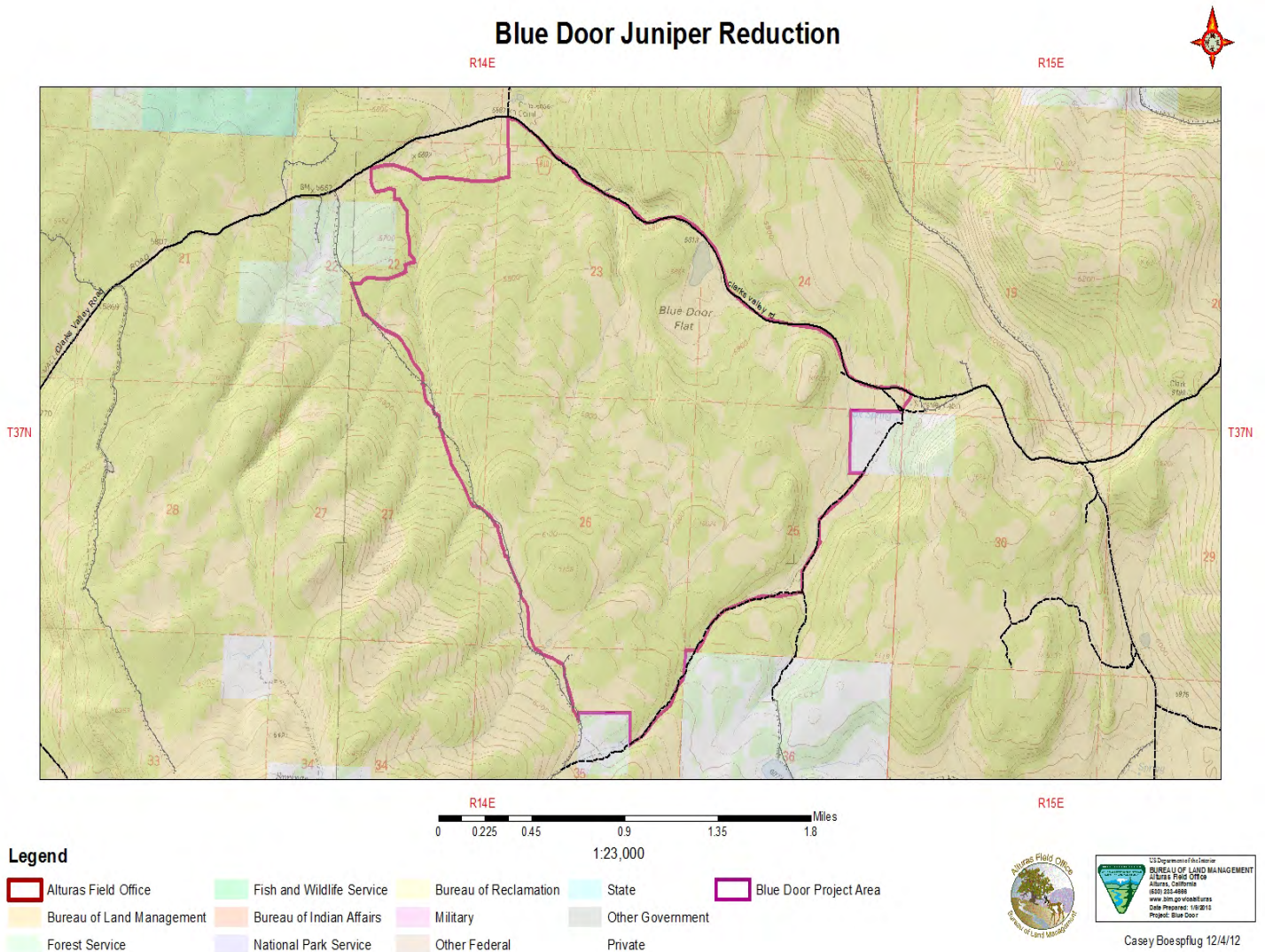
Agency or Agencies: Alturas Field Office

Project Name: Blue Door Juniper Reduction

Project Coordinates: N 41.0604 W 120.3457

Summary of Project: The project area is 2100 acres with 1180 acres treated to date. Funded through Rocky Mountain Elk Foundation to finish the remaining 300 acres. Biomass on 1300 acres is currently contracted to be removed.

Project Map:



WUI Area: None

Funding: Funded

2015 Implementation

Number of Acres: 1036

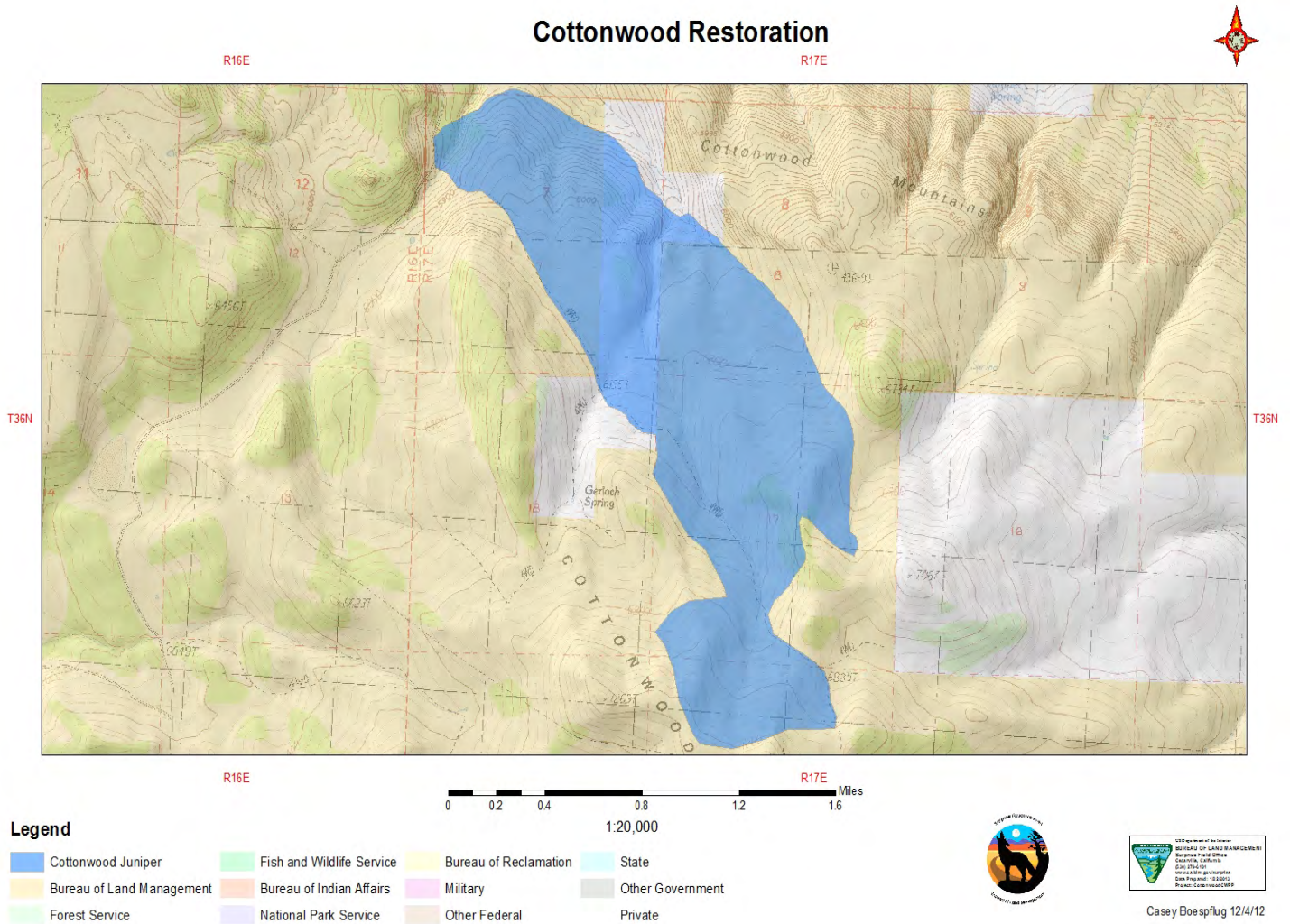
Agency or Agencies: Surprise Field Office

Project Name: Cottonwood Restoration

Project Coordinates: N 40.9955 W 120.0761

Summary of Project: Western juniper has encroached over a vast area in Northeast California. This encroachment has contributed to degraded watersheds, degraded wildlife habitat, reduction of livestock forage, and reduction of bio-diversity and increased the hazard of catastrophic wildfire. By reducing areas of Western Juniper stands by mechanical and hand treatments, the current ecological trend can be slowed or stopped, allowing recovery of degraded natural resources. The thinning has been completed and burning of the cut material is planned to start implementaiton this winter. This project is in North Eastern Lassen County and is funded mainly by NRCS.

Project Map:



WUI Area: North Lassen

Funding: Partially Funded

2015 Implementation

Number of Acres: 1930

Agency or Agencies: Alturas Field Office

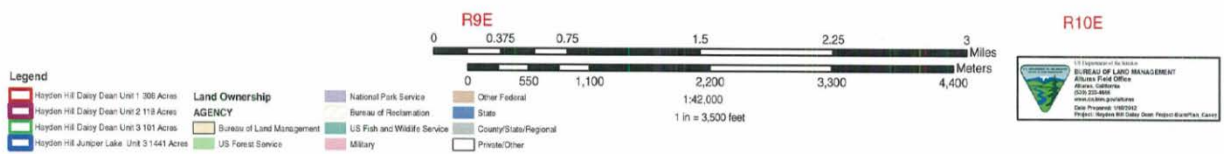
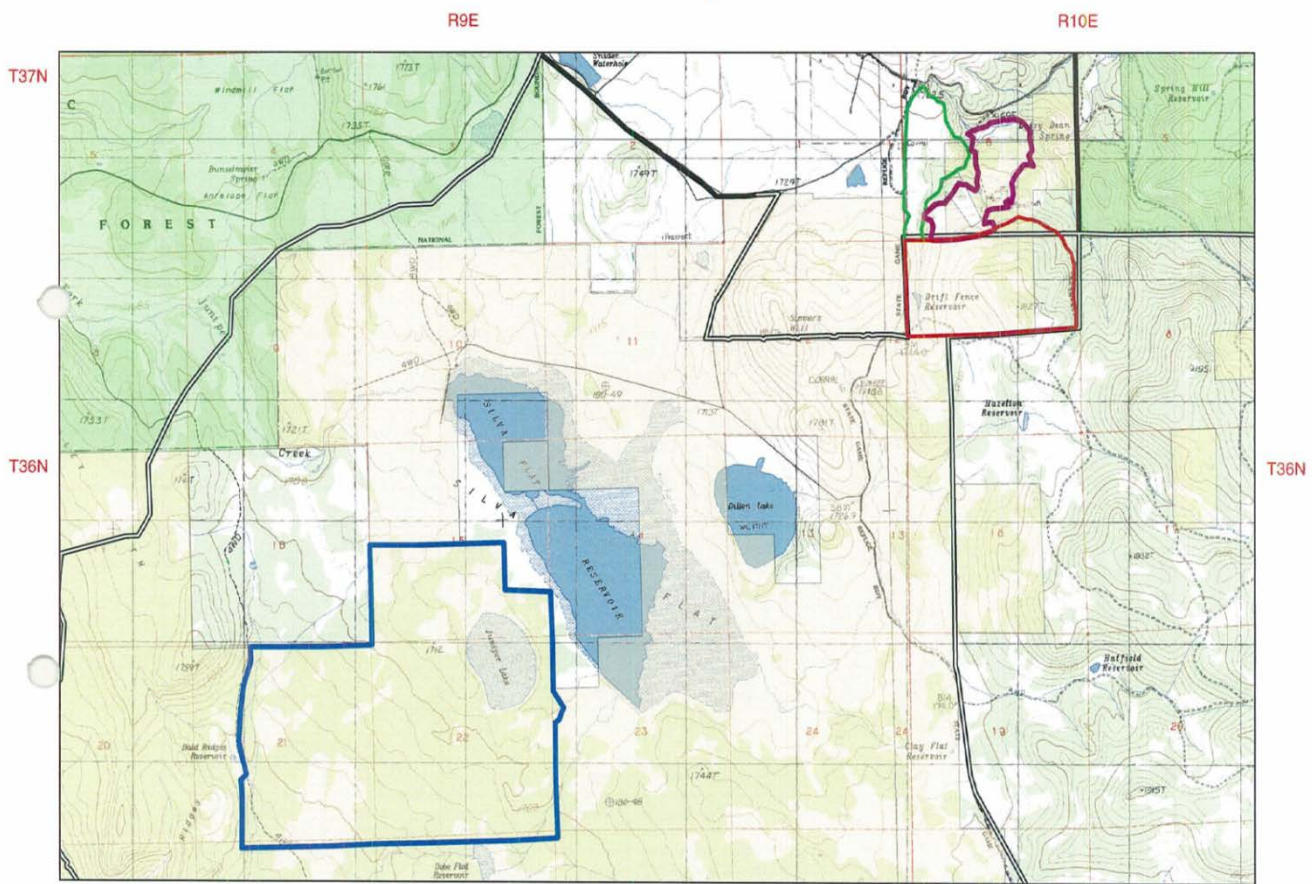
Project Name: Hayden Hill/Daisy Dean Sage-grouse Restoration

Project Coordinates: N 40.9453 W 120.9317

Summary of Project: Hand cutting and piling of Western juniper to enhance Sage-grouse habitat and reduce hazardous fuel loadings. To date, 775 acres have been cut and piled. An additional 150 is targeted be cut and piled in 2014. Pile burning operations are being implemented at this time with a total of 500 acres burned to date.

Project Map:

Hayden Hill Habitat Improvement Pile RX



WUI Area: Madeline

Funding: Partially Funded

2015 Implementation

Number of Acres: 1000

Agency or Agencies: Alturas Field Office

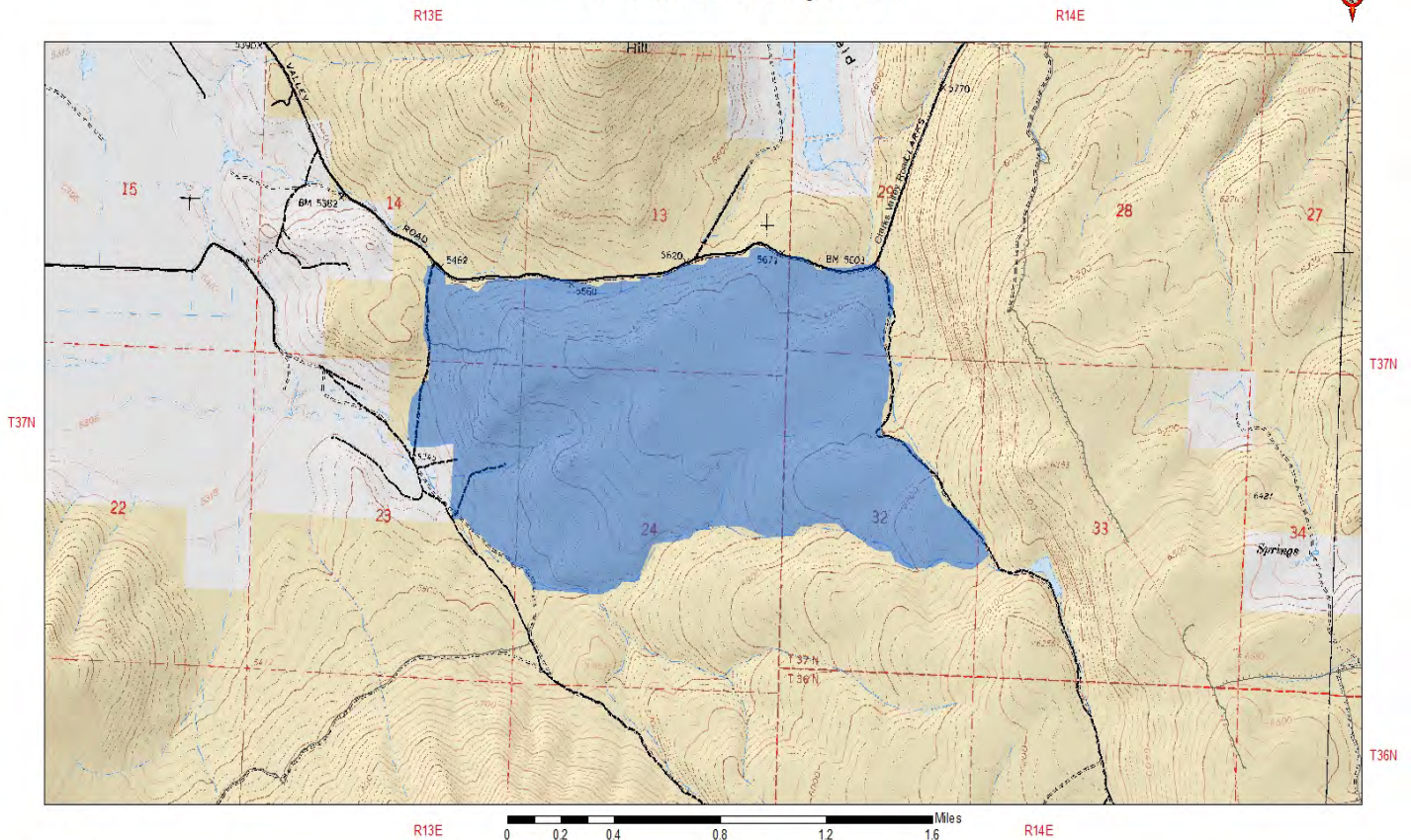
Project Name: Mitchell Hill Juniper Reduction

Project Coordinates: N 41.0342 W 120.4243

Summary of Project: Western juniper has encroached over a vast area in Northeast California. This encroachment has contributed to degraded watersheds, degraded wildlife habitat, reduction of livestock forage, and reduction of bio-diversity and increased the hazard of catastrophic wildfire. By reducing areas of Western Juniper stands by mechanical and hand treatments, the current ecological trend can be slowed or stopped, allowing recovery of degraded natural resources. The project area is 1000 acres with approximately 700 acres completed.

Project Map:

Mitchell Hill Juniper Cut



Legend

- | | | | |
|---------------------------|---------------------------|-----------------------|------------------|
| Mitchell Hill | Forest Service | National Park Service | Other Federal |
| Alturas Field Office | Fish and Wildlife Service | Bureau of Reclamation | State |
| Bureau of Land Management | Bureau of Indian Affairs | Military | Other Government |
| | | | Private |



Casey Boespflug 12/4/12

WUI Area: Ash Valley

Funding: Partially Funded

2015 Implementation

Number of Acres: 4355

Agency or Agencies: Alturas Field Office

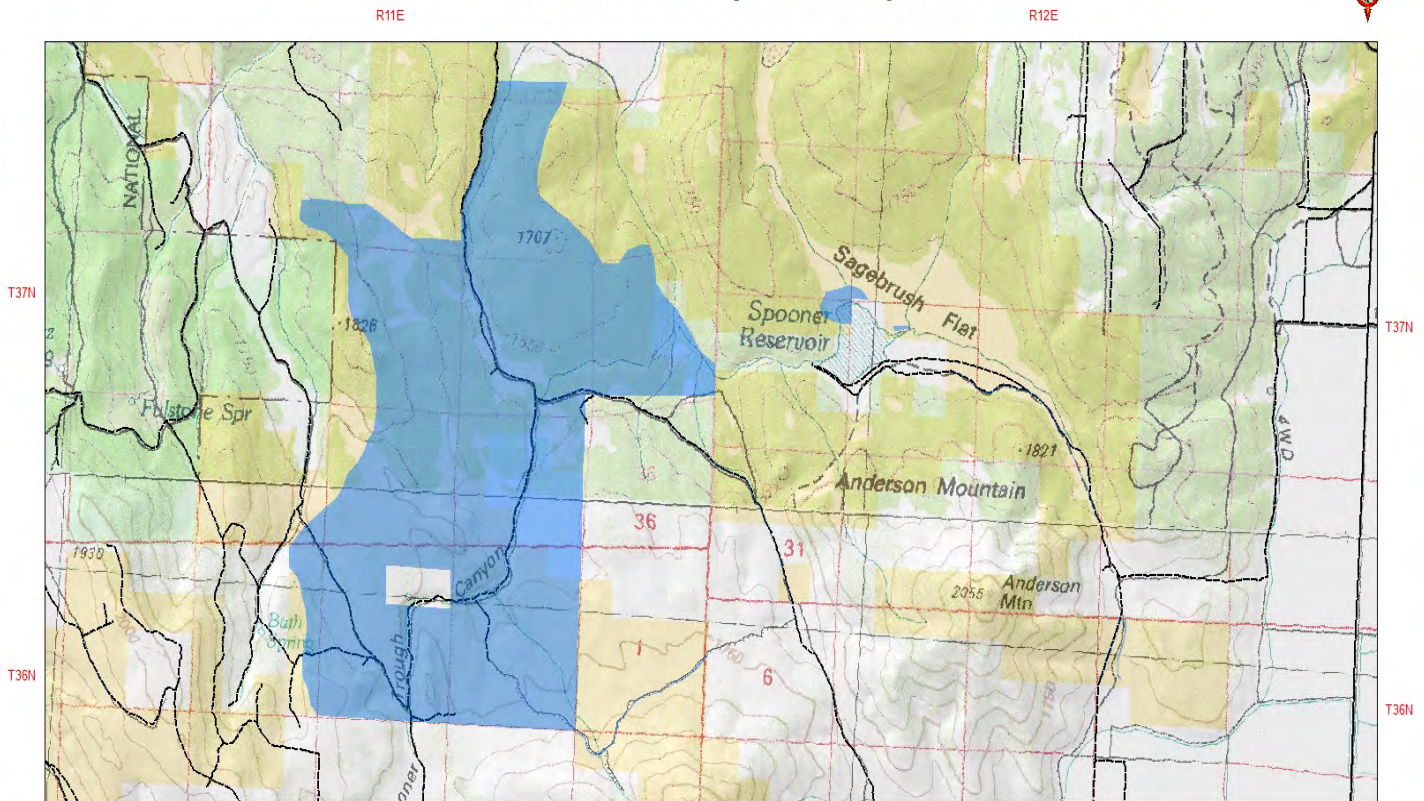
Project Name: South Ash Valley 2012 Juniper Reduction

Project Coordinates: N 41.0071 W 120.6826

Summary of Project: Long-term (fuel treatment) projects would restore and maintain fire-dependent ecosystems, increase forage for wildlife and livestock, minimize fuel accumulation, and protect vulnerable communities. These projects would also improve recreational opportunity and enhance traditional gathering areas for Native Americans. 772 acres were under contract to start implementing in 2015.

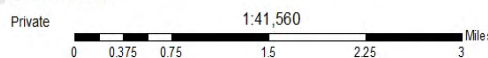
Project Map:

South Ash Valley 2012 Juniper Cut



Legend

- South Ash Valley 2012
- Forest Service
- National Park Service
- Other Federal
- Alturas Field Office
- Fish and Wildlife Service
- Bureau of Reclamation
- State
- Bureau of Land Management
- Bureau of Indian Affairs
- Military
- Other Government
- Private



Casey Boespflug 12/4/12

WUI Area: Modoc County

Funding: Partially Funded

2015 Planning

Number of Acres: 2400

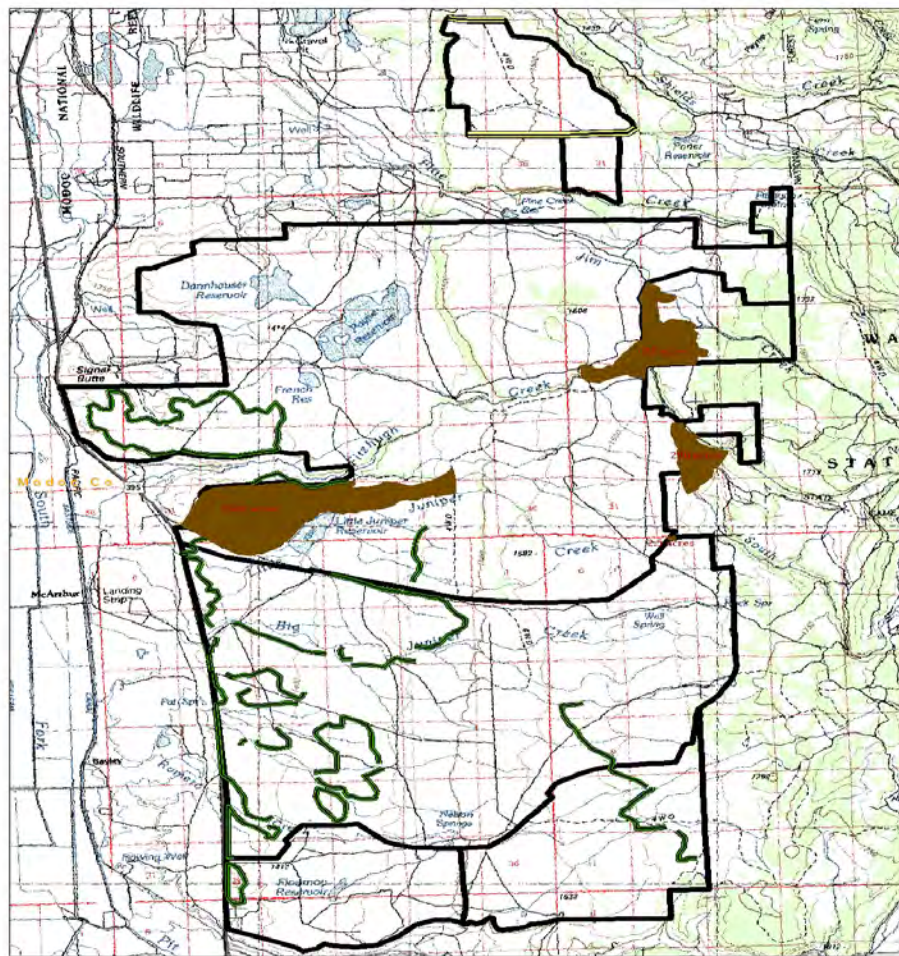
Agency or Agencies: Alturas Field Office

Project Name: Tablelands Sage-grouse Restoration

Project Coordinates: N41 22.7 W-120.26.4

Summary of Project: The BLM proposes to remove approximately 2,300 acres of Western juniper, to enhance Sage-grouse habitat and reduce hazardous fuel loadings, create 35 miles of green-strips, remove, maintain and mark approximately 10 miles of fence, treat noxious weeds and establish up to 6 vegetation study plots on BLM, state and private lands. The project area is located approximately 11 miles southeast of Alturas, California. Partial funding for archeological surveys have been secured and will commence in late 2014 or early 2015. On the ground work is anticipated in 2015.

Project Map:



Tablelands Sage-Grouse Project

- Legend**
- Woven Wire Removal
 - Juniper Treatment 6_2011.shp
 - tablelands_greenstrips_buffered_master_022511
 - Project Boundary

Draft Map
 Created By A. Kosic
 Alturas BLM
 9-01-2011

WUI Area: None

Funding: Funded

2015 Implementation

Number of Acres: 145

Agency or Agencies: Surprise Field Office

Project Name: Starvation Restoration

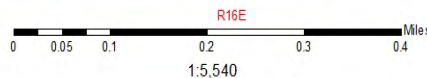
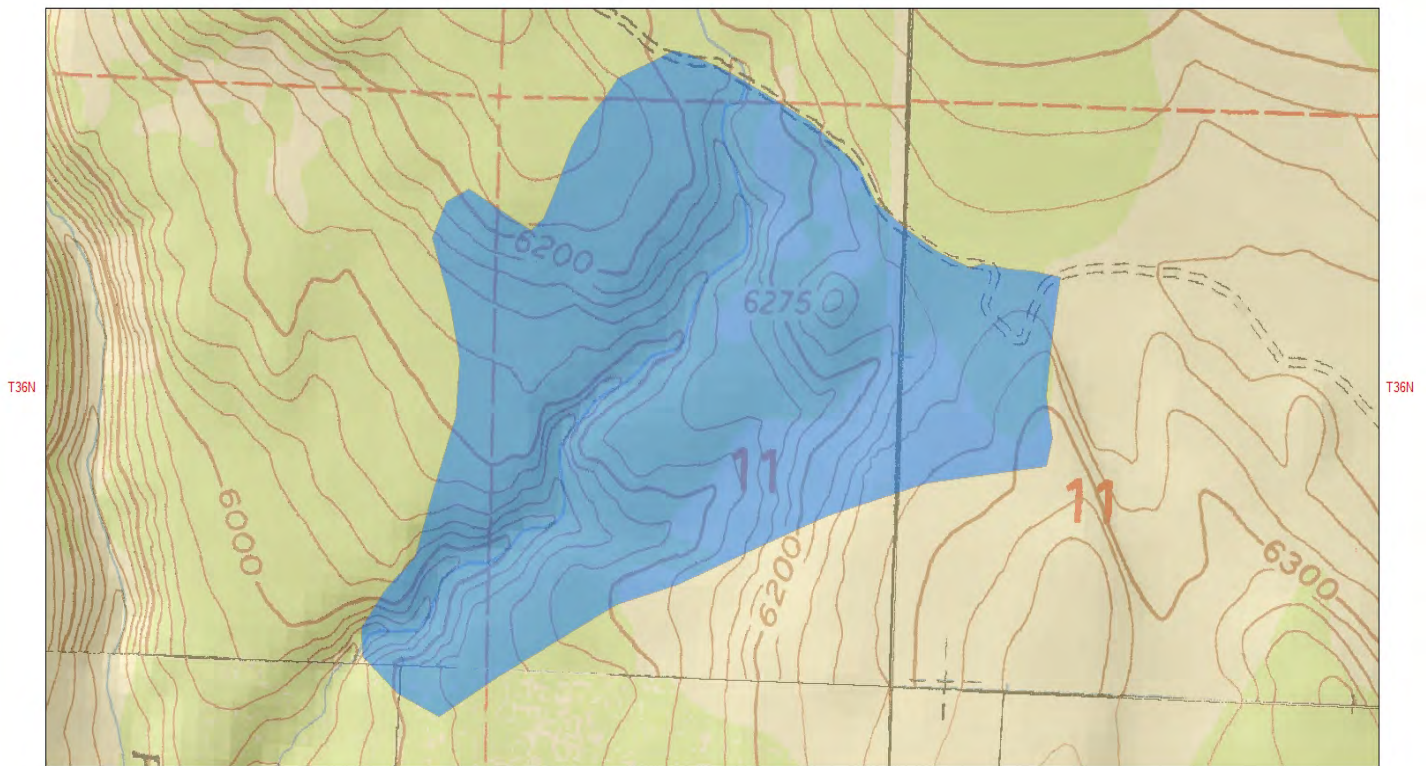
Project Coordinates: N 41.0044 W120.13013

Summary of Project: Western juniper has encroached over a vast area in Northeast California. This encroachment has contributed to degraded watersheds, degraded wildlife habitat, reduction of livestock forage, and reduction of bio-diversity and increased the hazard of catastrophic wildfire. By reducing areas of Western Juniper stands by mechanical and hand treatments, the current ecological trend can be slowed or stopped, allowing recovery of degraded natural resources. The thinning has been completed and burying of the cut material is planned for this winter. This project is in North Eastern Lassen county and is funded by NRCS

Project Map:

Starvation Restoration

R16E



Legend

- | | | | |
|---------------------------|---------------------------|-----------------------|------------------|
| Starvation | Fish and Wildlife Service | Bureau of Reclamation | State |
| Bureau of Land Management | Bureau of Indian Affairs | Military | Other Government |
| Forest Service | National Park Service | Other Federal | Private |



Casey Boespflug 12/4/12

WUI Area: Madeline

Funding: Funded

2015 Implementation

Number of Acres: 400

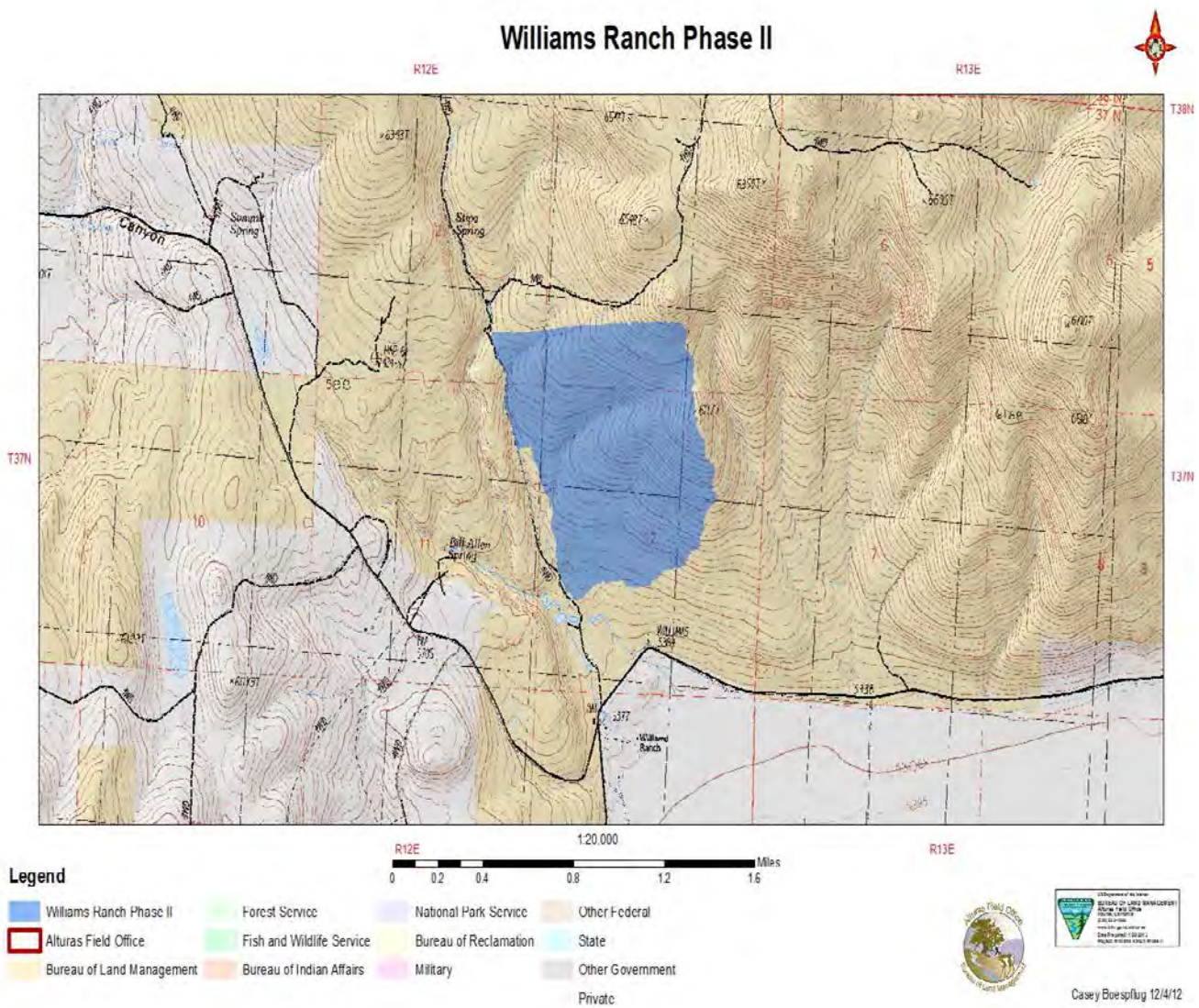
Agency or Agencies: Alturas Field Office

Project Name: Williams Ranch Juniper Reduction

Project Coordinates: N 41.0590 W 120.5540

Summary of Project: The project area is 400 acres with approximately 234 acres treated to date. Cut material will be utilized for firewood and offered up for biomass.

Project Map:



Lassen County Community Wildfire Protection Plan
BLM Eagle Lake Field Office
2015 Annual Work Plan Summary Narrative

The Eagle Lake Field Office currently has Hazardous Fuels Reduction/Ecosystem Restoration, projects planned or ongoing in Lassen County. The purpose and benefits of these projects are community and resource protection, wildlife habitat improvement, rangeland improvement and ecosystem restoration.

The **North Horse** Hazardous Fuels Reduction Projects are in areas that have been identified as Fire Regime III in a condition class of 2 and 3. Our goal is to reduce high densities of western juniper and reintroduce fire into the ecosystem. This will reduce the risk of catastrophic wildfire and restore the project areas to a more healthy and productive plant community and in the future return the Fire Regime to a condition class of 1.

Middle Creek Steppe Restoration Project. The BLM proposes to reduce high densities of western juniper within a 6,345 acre project area. This would serve to decrease the probability of large catastrophic wildfires and would promote the reestablishment of lower fire hazard vegetation types dominated by native shrubs, grasses and forbs thereby improving the overall ecosystem health and Sage Grouse Habitat. This project will be conducted across ownership boundaries in cooperation with Private Land Owners, NRCS and the BLM.

Little Cleghorn. The BLM proposes to reduce the density of Jeffrey pine and western juniper on northwest of Eagle Lake. The primary objectives are to reduce the risk of high severity wildfire in the naturally regenerated stand and to increase spacing between trees to reduce competition for resources. The secondary benefits include improving wildlife habitat by increasing the biodiversity of understory vegetation and enhancing forest stand resilience to insects and disease.

Fredonyer Hazardous Fuels Reduction Project. The BLM proposes to reduce high densities of hazardous fuels caused by overly dense stands that are experiencing a high percentage of mortality due to a root rot pathogen, tussock moth defoliation, and extended drought. Approximately 800 acres will be heavily thinned to remove dead and dying trees. Stumps will be treated with sporax following removal to reduce the likelihood of new root rot infections. Following treatment the area will be planted with Jeffrey pine (*Pinus jeffreyi*) that is resistant to the root rot pathogen, tussock moths, and more drought resistant.

WUI Area: Non WUI

Funding: Funded

2015 Implementation

Number of Acres: 10162

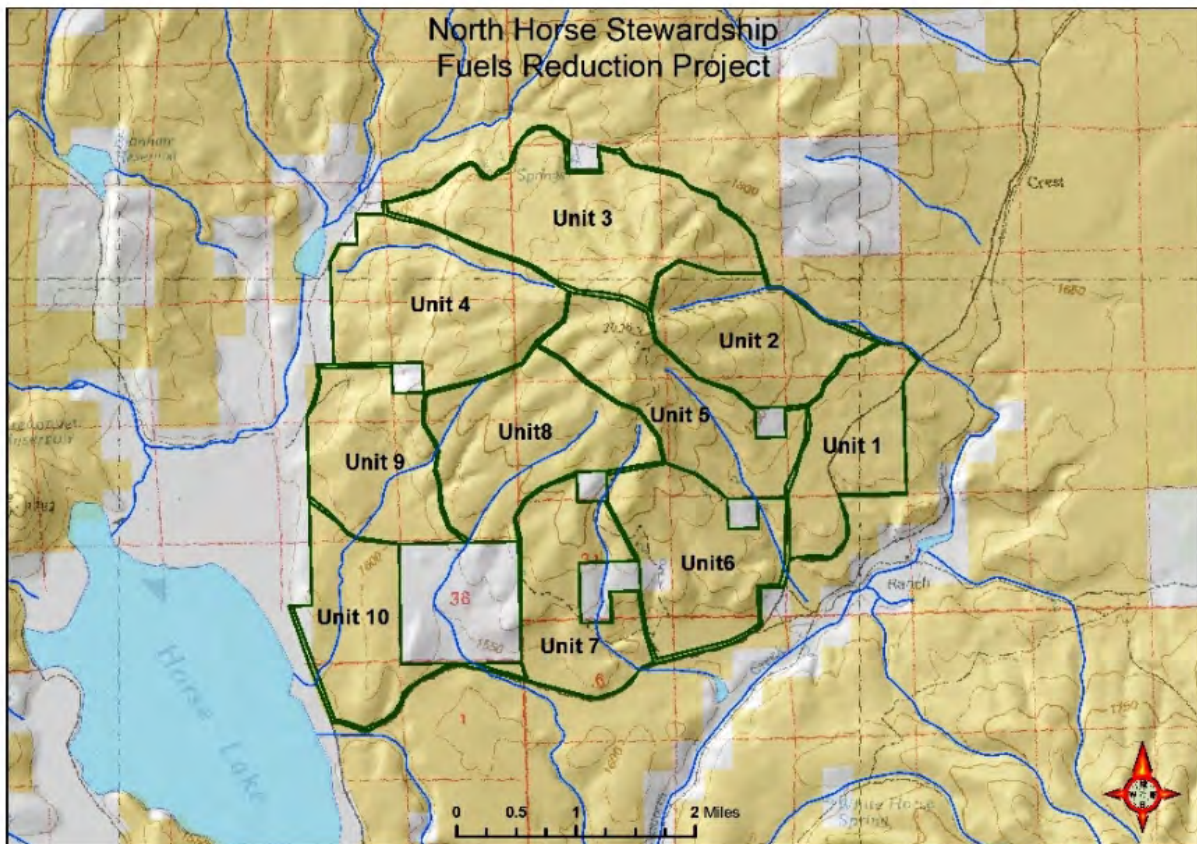
Agency or Agencies: BLM Eagle Lake F.O.

Project Name: North Horse Stewardship

Project Coordinates: N40.6929 W120.4286

Summary of Project: The proposed action is to use a combination of mechanical and prescribed fire treatments over a ten year treatment schedule to reduce high densities of western juniper reducing the risk of catastrophic fire and restoring the project area to a more healthy and productive plant community. Total project area is approximately 10,000 acres. Most of the material will be chipped and removed to be utilized as biomass for electricity production in local Co-Generation Plants. Accomplished (2010): 665 acres of mechanical thinning, 100 acres of handthinning/piling, and 125 acres of pile burning. Accomplished (2011): 1,130 acres of mechanical thinning, 300 acres of handthinning/piling, and 88 acres of pile burning. Accomplished (2012): 1,200 acres of Mechanical thinning. Planned (2015): 500 acres of mechanical thinning.

Project Map:



WUI Area: Non WUI

Funding: Planning/Not Funded

2015 Planning

Number of Acres: 6345

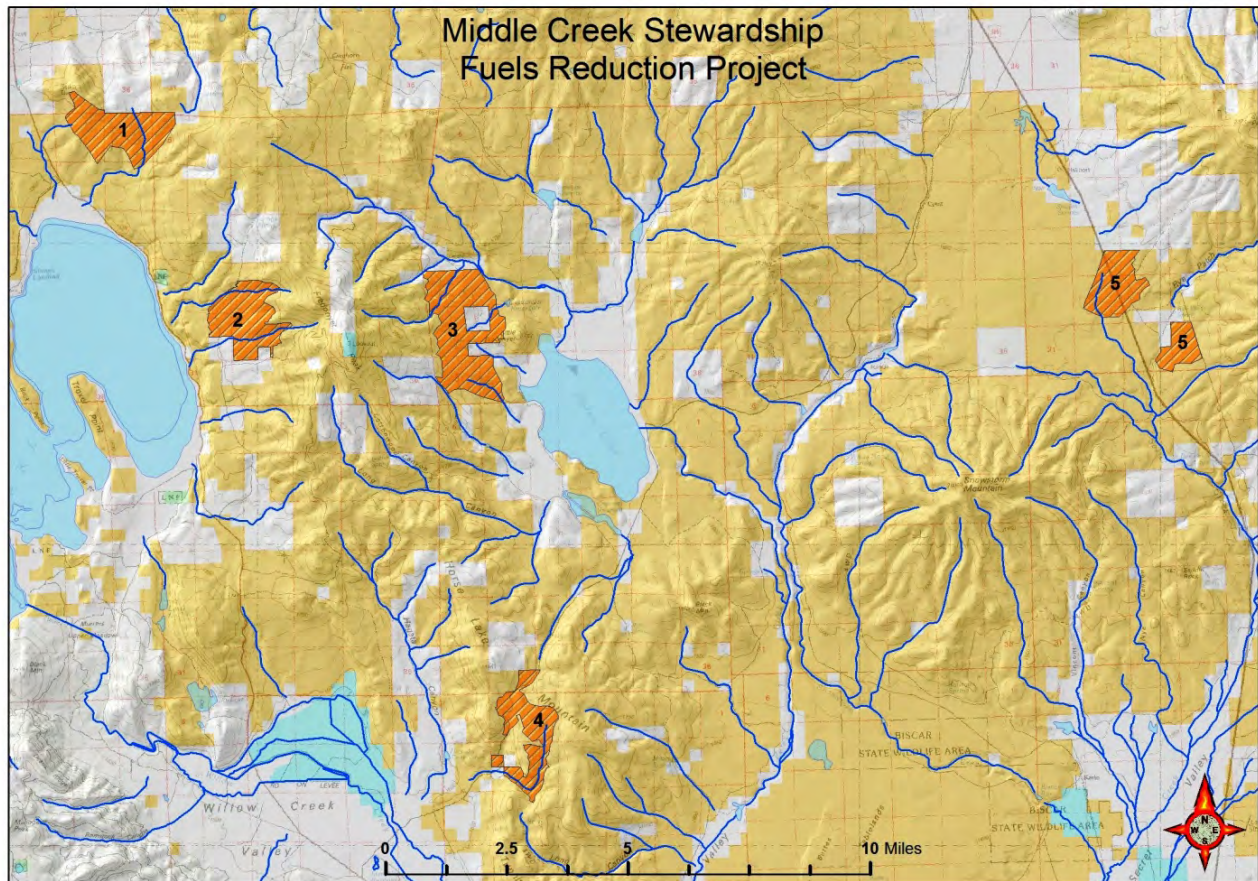
Agency or Agencies: BLM Eagle Lake F.O./NRCS

Project Name: Middle Creek Stepp Restoration Project

Project Coordinates: N40.67842 W120.54355

Summary of Project: The BLM in conjunction with NRCS proposes to reduce high densities of western juniper within an approximately 6,345 acre project area on both federal and private land. The project is designed to decrease the probability of large catastrophic wildfires and improve habitat for the Greater Sage Grouse.

Project Map:



WUI Area: Non WUI

Funding: Planning/Not Funded

2015 Planning

Number of Acres: 570

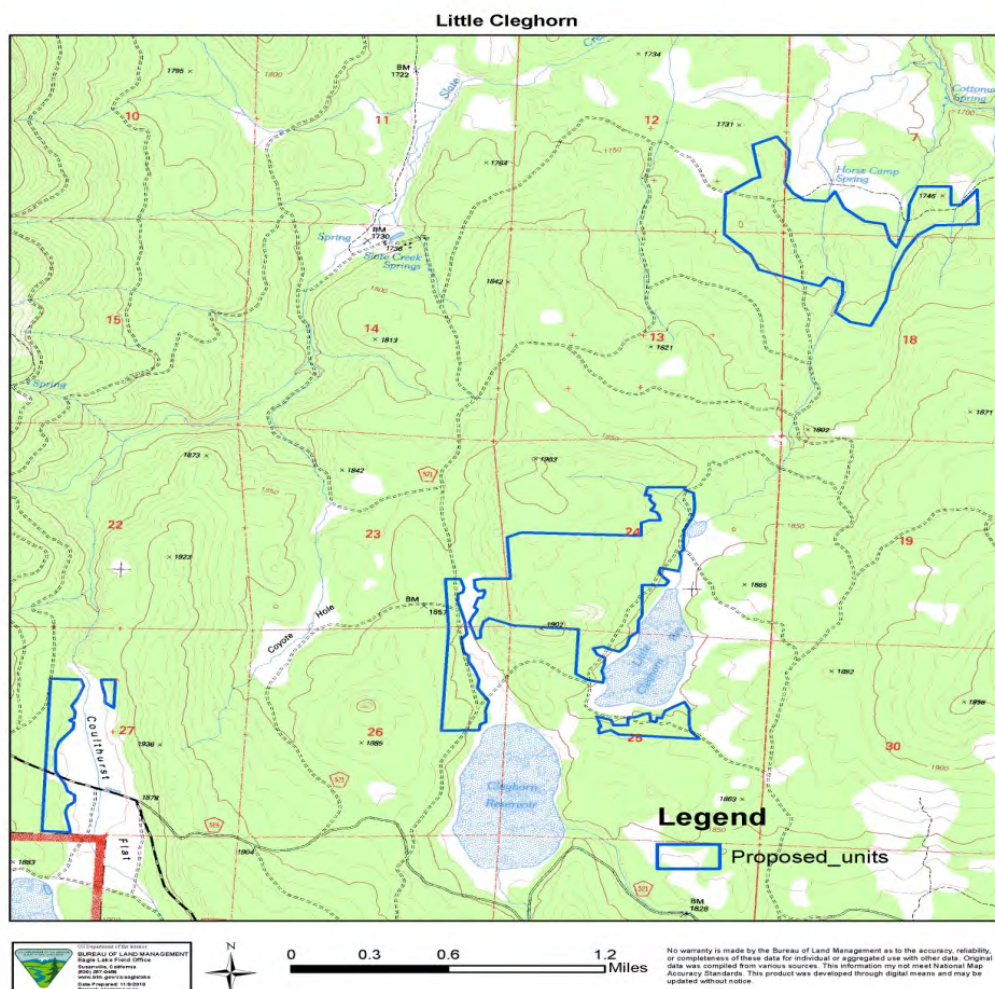
Agency or Agencies: BLM Eagle Lake Field Office

Project Name: Little Cleghorn

Project Coordinates: N40.79219 W120.79923

Summary of Project: The BLM proposes to reduce the density of Jeffrey pine and western juniper on northwest of Eagle Lake (see Map). The primary objectives are to reduce the risk of high severity wildfire in the naturally regenerated stand and to increase spacing between trees in the plantations. The density along the Cleghorn Road will also be reduced which will enhance its use as a fire break. The secondary benefits include improving wildlife habitat by increasing the biodiversity of understory vegetation and enhancing forest stand resilience to insects and disease. Work on the ground is scheduled to begin in spring/summer of 2016. The primary treatment method will be mechanized thinning with biomass and sawtimber removal.

Project Map:



WUI Area: Non-Wui

Funding: Planning/Not Funded

2015 Planning

Number of Acres: 750

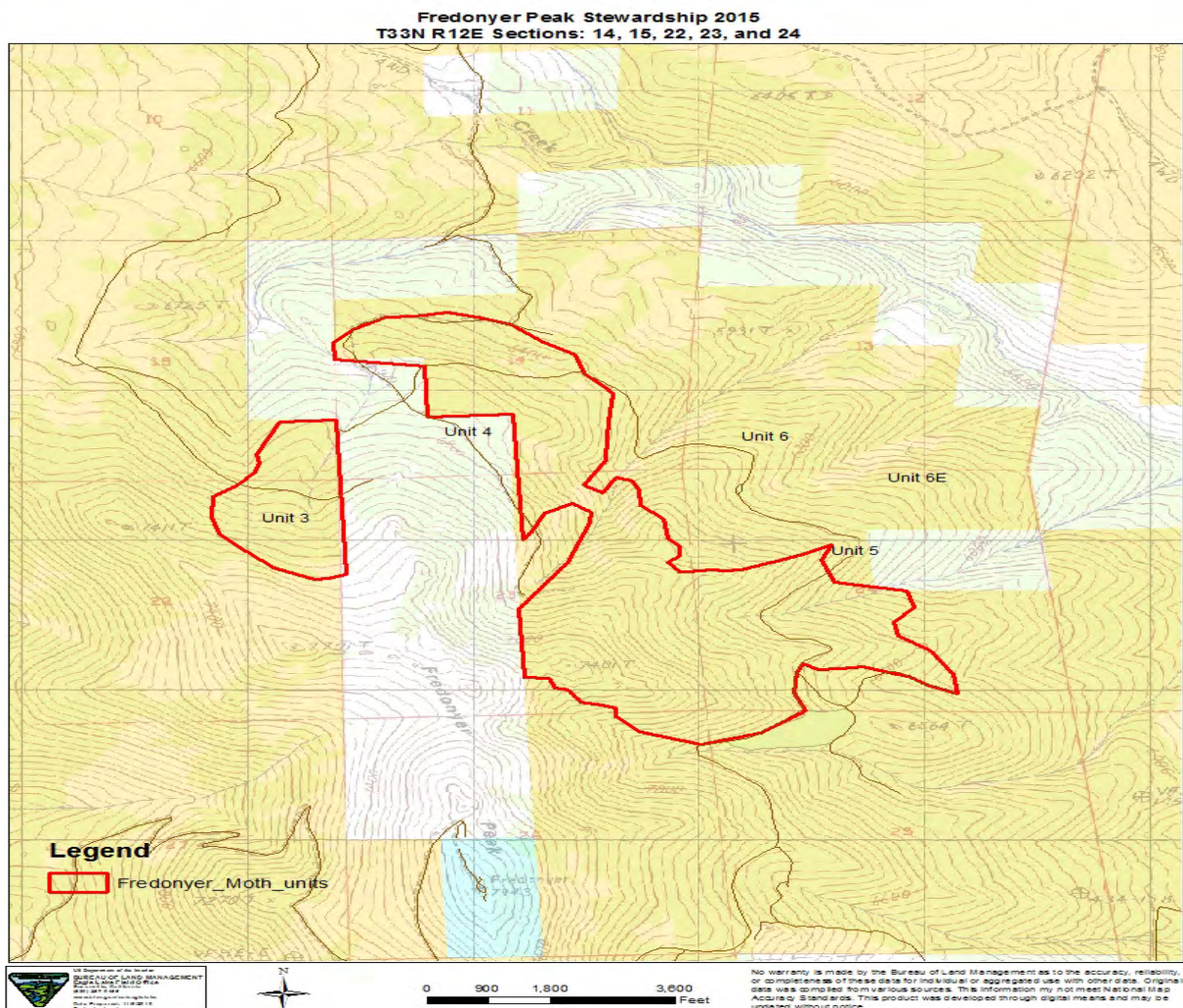
Agency or Agencies: BLM

Project Name: Freydonyer Hazardous Fuels Reduction Project

Project Coordinates: 40.7046889 -120.58818

Summary of Project: Freydonyer Hazardous Fuels Reduction Project. The BLM proposes to reduce high densities of hazardous fuels caused by overly dense stands that are experiencing a high percentage of mortality due to a root rot pathogen, tussock moth defoliation, and extended drought. Approximately 800 acres will be heavily thinned to remove dead and dying trees. Stumps will be treated with sporax following removal to reduce the likelihood of new root rot infections. Following treatment the area will be planted with Jeffrey pine (*Pinus jeffreyi*) that is resistant to the root rot pathogen, tussock moths, and more drought resistant.

Project Map:



WUI Area: Non WUI

Funding: Funded

2016 Implementation

Number of Acres: 3541

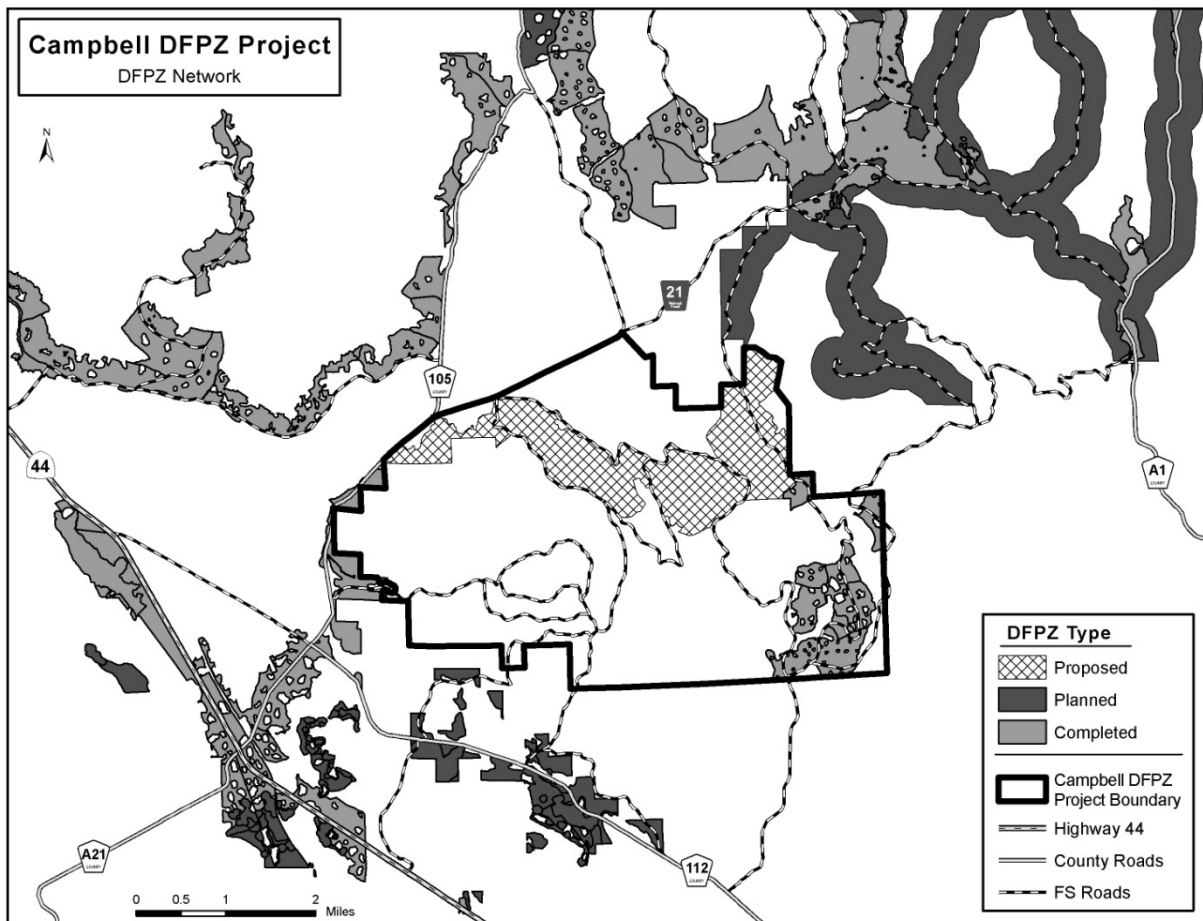
Agency or Agencies: USFS

Project Name: Campbell DFPZ

Project Coordinates: N40. 37.33 W121.45

Summary of Project: The Eagle Lake Ranger District is proposing the construction of DFPZs (defensible fuel profile zone). Treatments will include mechanical thinning, biomass removal, hand thinning, and underburning. The objectives of the project are to reduce surface, ladder, and canopy fuels. Treatments in the Campbell Project are based on creating both landscape and forest stand heterogeneity to contribute to landscape resiliency, protecting wildlife habitat components, enhancing understory vegetation, increasing soil moisture availability, and providing for fuels reductions to decrease fire behavior. Project implementation could begin in 2016-2017.

Project Map:



WUI Area: Non WUI

Funding: Funded

2015 Implementation

Number of Acres: 718

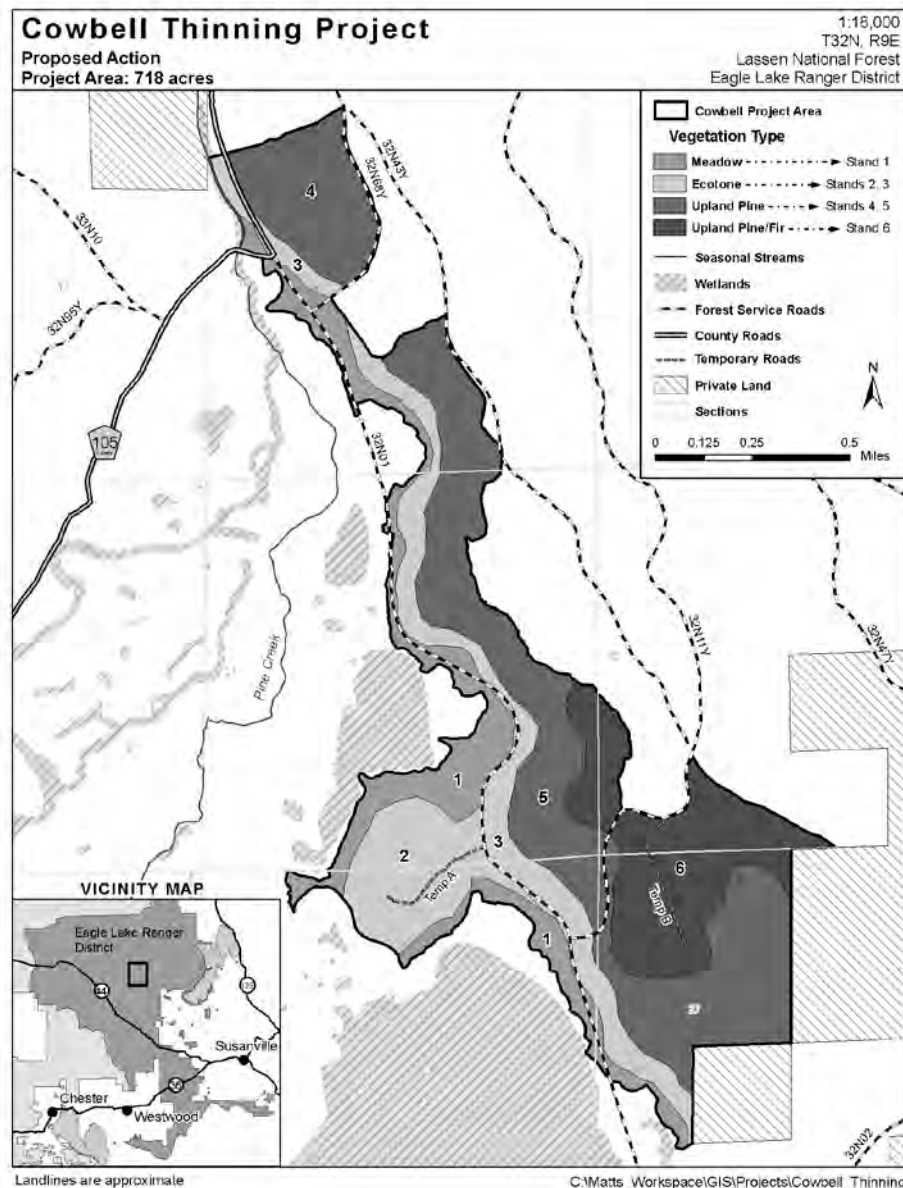
Agency or Agencies: USFS

Project Name: Cowbell Thinning Project

Project Coordinates: 40.62124 120.96823

Summary of Project: Mechanical thinning treatments are currently in progress. Treatments include mechanical thinning, biomass removal, hand thinning, and underburning. The objectives of the project are to reduce surface, ladder, and canopy fuels. Treatments are based on creating both landscape and forest stand heterogeneity to contribute to landscape resiliency, protecting wildlife habitat components, enhancing understory vegetation, increasing soil moisture availability, and providing for fuels reductions to decrease fire behavior.

Project Map:



WUI Area: Susanville

Funding: Funded

2015-2016 Planning

Number of Acres:

Agency or Agencies: USFS

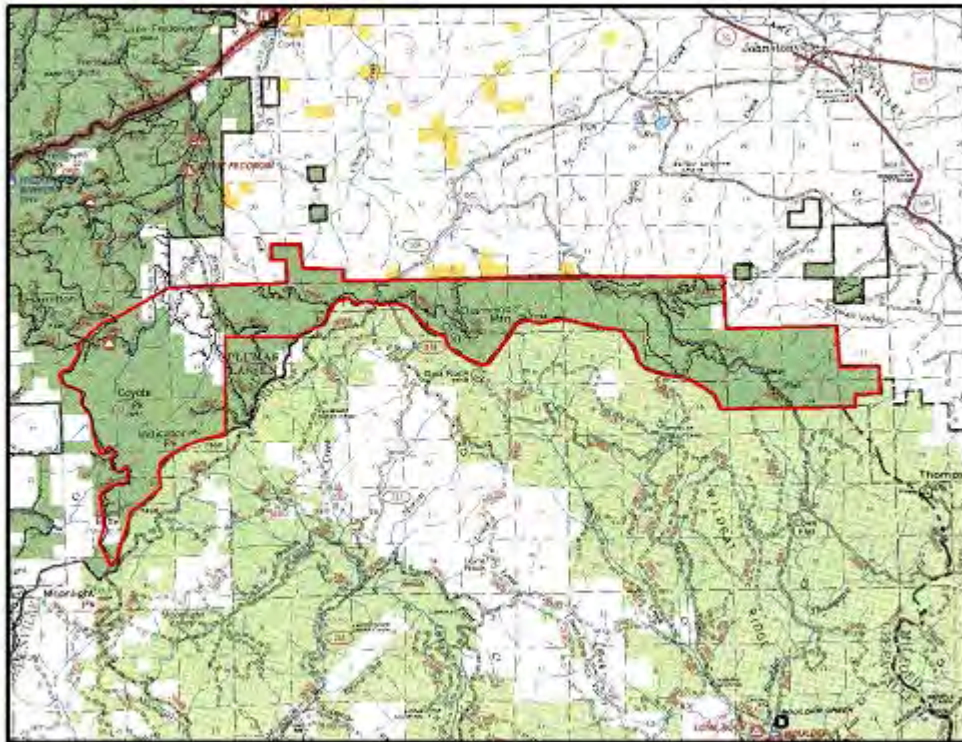
Project Name: Diamond Project

Project Coordinates: N40.3125 W120.6833

Summary of Project: The Eagle Lake RD is proposing to create DFPZ's on FS lands to provide protection from wildfire around or near the communities of Susanville, Janesville and out lying residences in the proximity of FS lands in the Diamond Mountain Area. Development of the proposed action is in progress. The project will be split into two separate projects, Diamond East and Diamond West. Proposed project objectives include the reduction of surface, ladder, and canopy fuels to reduce fire behavior.

Project Map:

Proposed Wildland Urban Interface Fuels Treatment Area



WUI Area: Non WUI

Funding: Funded

2016 Implementation

Number of Acres: 1600

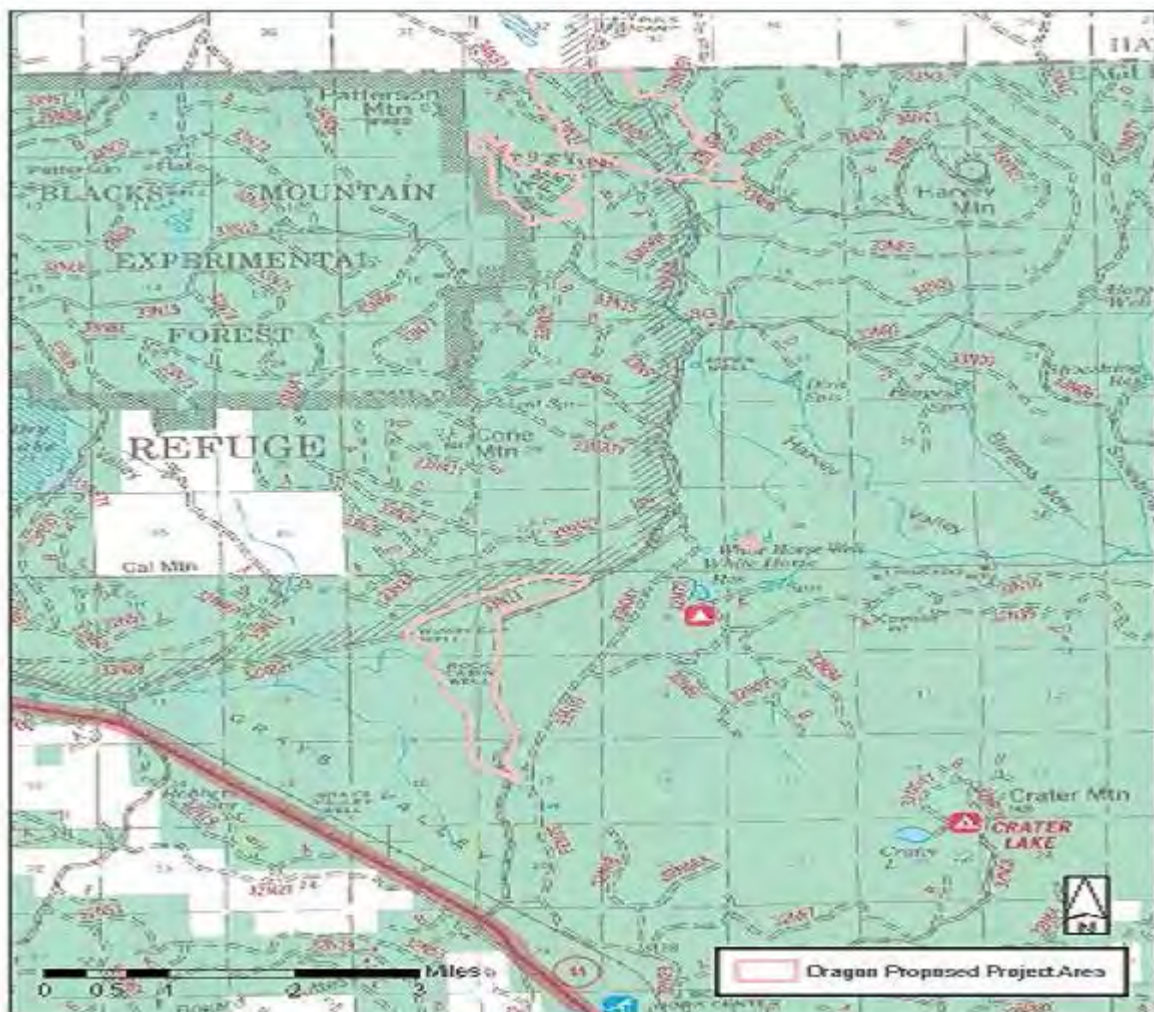
Agency or Agencies: USFS

Project Name: Dragon Project

Project Coordinates: N40.45 W121.07.20

Summary of Project: The Dragon Project proposes to create a DFPZ, but also includes aspen enhancement, area thinning, and underburning treatments. The project was approved in 2013. Implementation could begin in 2016-2017. The objectives of the project are to reduce surface, ladder, and canopy fuels. Treatments are based on creating both landscape and forest stand heterogeneity to contribute to landscape resiliency, protecting wildlife habitat components, enhancing understory vegetation, increasing soil moisture availability, and providing for fuels reductions to decrease fire behavior.

Project Map:



WUI Area: Susanville

Funding: Planning/Not Funded

2015 Planning

Number of Acres: 20

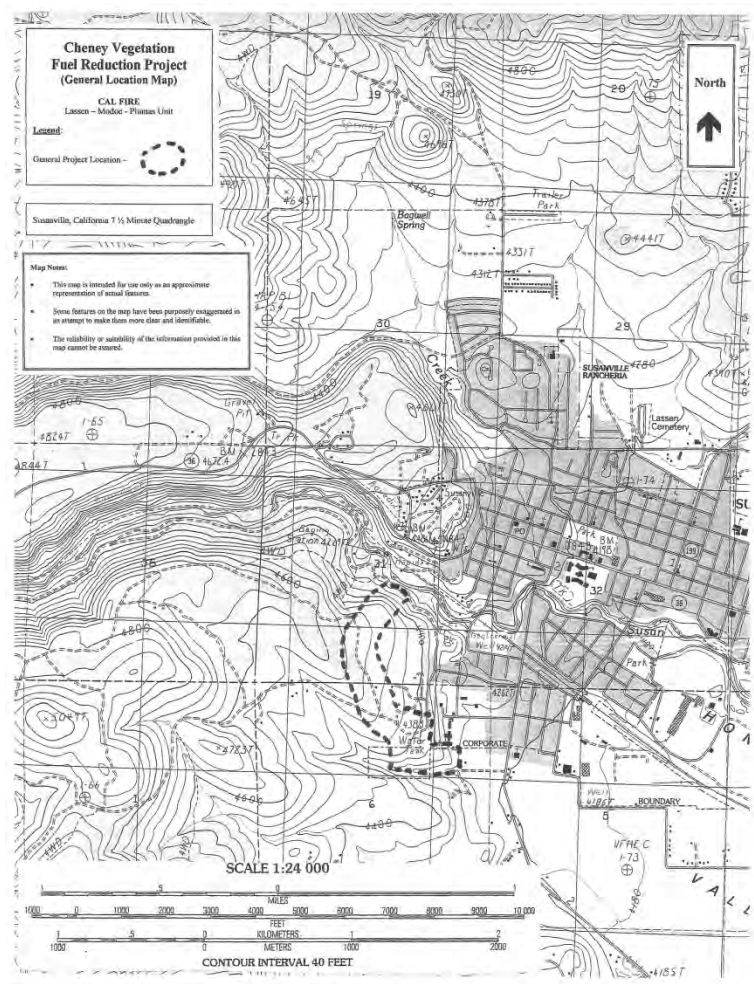
Agency or Agencies: LCFSC/CAL FIRE/City of Susanville

Project Name: Cheney Vegetation Fuel Reduction Project

Project Coordinates: N40.2423 W120.1030

Summary of Project: CAL FIRE is planning for a potential vegetation fuel reduction project in conjunction with LCFSC and, hopefully, with the City of Susanville and other land owners. The main purpose of the project is to establish a fuel reduction zone along portions of Cheney Creek Road, other unnamed roads and on a number of land owners. The treatment method should largely consist of hand cutting and piling of the vegetation. Treatment of the vegetation piles will most likely consist of chipping and scattering the material on site at any time of the year utilizing a towable chipper where feasible. However, the piles may be burned when conditions are safe where the use of a towable chipper is not feasible.

Project Map:



WUI Area: Johnstonville

Funding: Planning/Not Funded

2015 Planning

Number of Acres: 52

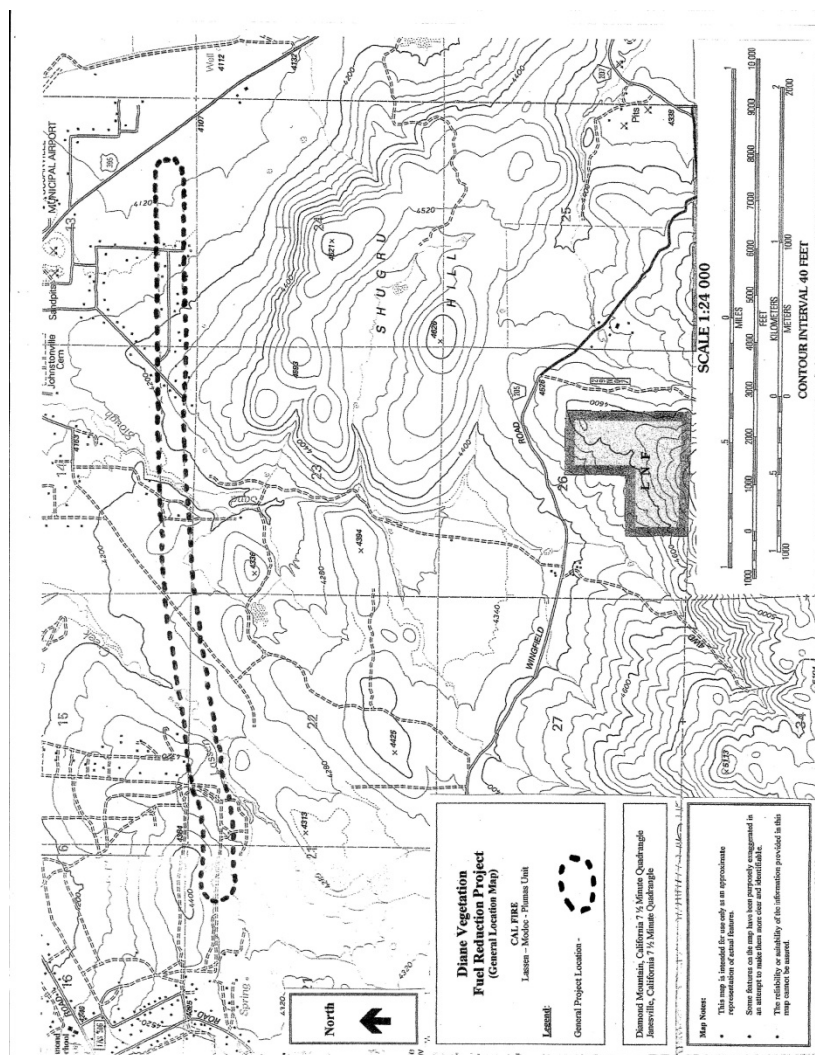
Agency or Agencies: LCFSC/CAL FIRE

Project Name: Diane Vegetation Fuel Reduction Project

Project Coordinates: N40.2153 W120.3531

Summary of Project: CAL FIRE is planning for a potential vegetation fuel reduction project in conjunction with LCFSC and, hopefully, with other landowners. The main purpose of the project is to establish a fuel reduction zone passing through and/or bordering Diamond Crest Rancho Sub Division, Lassen Land and Trails Trust property and a number of other landowners. The treatment method should largely consist of hand cutting and piling of the vegetation. Treatment of the vegetation piles will most likely consist of burning when conditions are safe. However, if available, a towable chipper may be used where feasible at any time of the year to chip the piles and scatter the material on site.

Project Map:



WUI Area: Susanville/Lake Forest Estates

Funding: Planning/Not Funded

2015 Planning

Number of Acres: 86

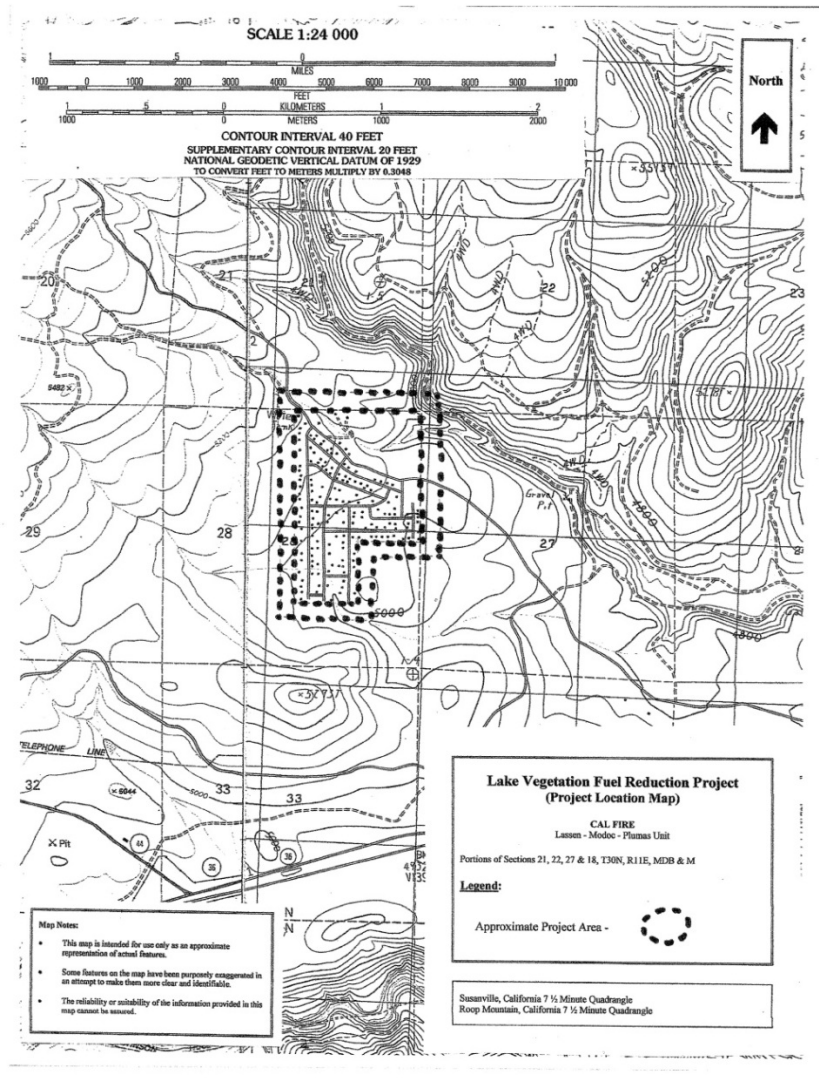
Agency or Agencies: LCFSC/CAL FIRE/SPI

Project Name: Lake Vegetation Fuel Reduction Project

Project Coordinates: N40.2606 W120.4417

Summary of Project: A vegetation fuel reduction project is being proposed on portions of Sierra Pacific Industries (SPI) property in conjunction with CAL FIRE. The main purpose of the proposed project is to establish/maintain a fuel reduction zone along or through portions of SPI that borders portions of Lake Forest Estates. The treatment method largely consists of hand cutting and piling of the understory vegetation utilizing various hand held powered and unpowered tools. Treatment of the vegetation piles will most likely consist of burning when conditions are safe. However, if available, a towable chipper may be used where feasible at any time of the year to chip the piles and scatter the material on site.

Project Map:



WUI Area: Pine Town/101 Ranch/Hwy 36

Funding: Planning/Not Funded

2015 Planning

Number of Acres: 112

Agency or Agencies: LCFSC/CAL FIRE/SPI

Project Name: McKenzie Vegetation Fuel Reduction Project

Project Coordinates: 40.2023 120.5454

Summary of Project: A vegetation fuel reduction project is being proposed on portions of Sierra Pacific Industries (SPI) property in conjunction with CAL FIRE. The main purpose of the proposed project is to establish/maintain a vegetation fuel reduction zone along or through portions of SPI that borders portions of California State Highway 36 and the 101 Ranch. The treatment method largely consists of hand cutting and piling of the vegetation utilizing various hand held powered and unpowered tools. Treatment of the vegetation piles will most likely consist of burning when conditions are safe. However, if available, a towable chipper may be used where feasible at any time of the year to chip the piles and scatter the material on site.

Project Map:

