Lassen County Community Wildfire Protection Plan 2014 Work Plan

Lassen County



March 2014



Representatives of resource, fire planning and prevention interests met on February 4, 2014 to develop the Lassen County Community Wildfire Protection Plan, 2014 Work Plan. The process began in December of 2013, through online collaboration and reporting, and it was completed in late March of 2014.

Pictured at the annual meeting above are, from left to right, Aaron Albaugh, Lassen County Supervisor; Heather Munn, Plumas National Forest; Jim Berry, Calfire; Dave Junette, Calfire; Tom Esgate, LCFSC; Dan Douglas, LCFSC; Karl Todd, BLM Eagle Lake Field Office; Mark Pustejovski, RPF, Sierra Pacific Industries; Dean Lofthus, Fruit Growers Supply Company; Don Hansen, RPF, LCFSC Consulting Forester; Michael Green, Lassen National Forest; Lloyd Keefer, LCFSC; Danny Paulson, Janesville Fire Department; Cathy Dirden, LCFSC; Casey Boespflug, BLM Alturas & Surprise Valley Field Offices; Travis Orange, Plumas National Forest; Scott Rosikewicz, Calfire; David Sandborg, Lassen National Forest.

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CalFire Lassen Modoc Unit Fire Plan

Incorporated into the Lassen County CWPP 2012 Work Plan by Reference: www.fire.ca.gov

2014 CWPP Work Plan Private Land Priority Projects Ranking

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

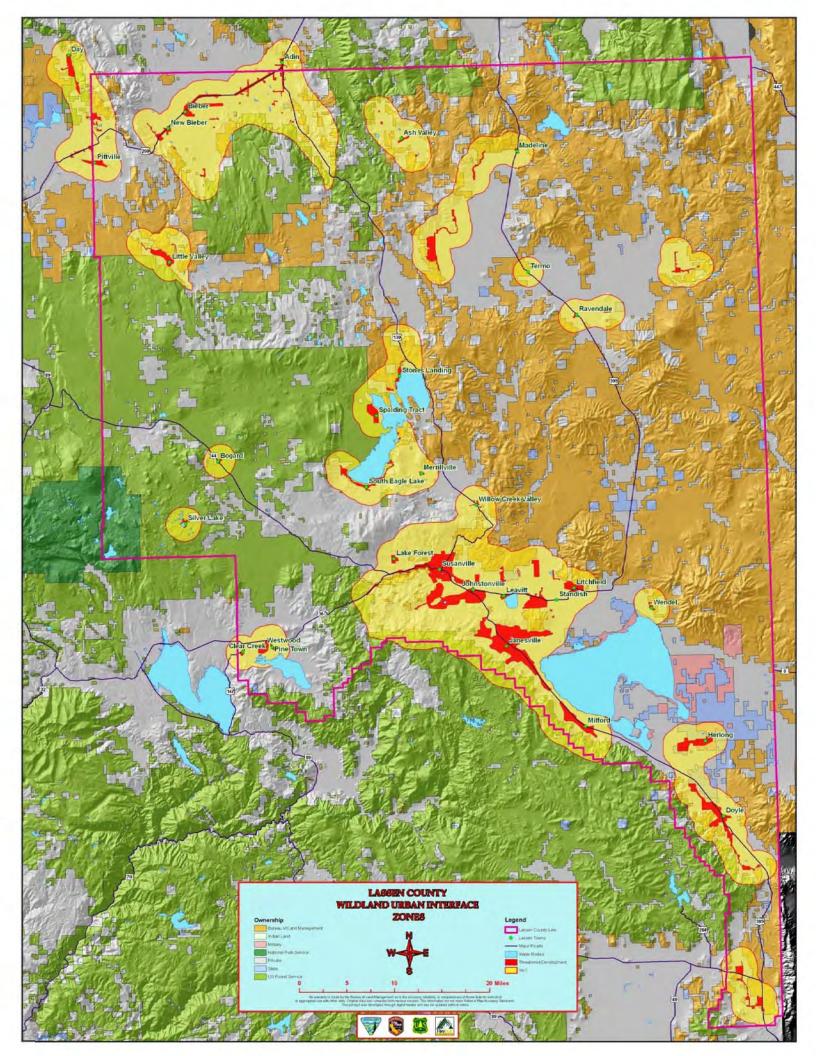
- 1. Guidelines recommended by the National Association of State Foresters, which state "Projects are prioritized based on the probability of success, community involvement and collaboration, and sustainability"¹, and;
- 2. Calfire, Lassen Modoc Unit ranking criteria, and;
- 3. Input from all Annual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

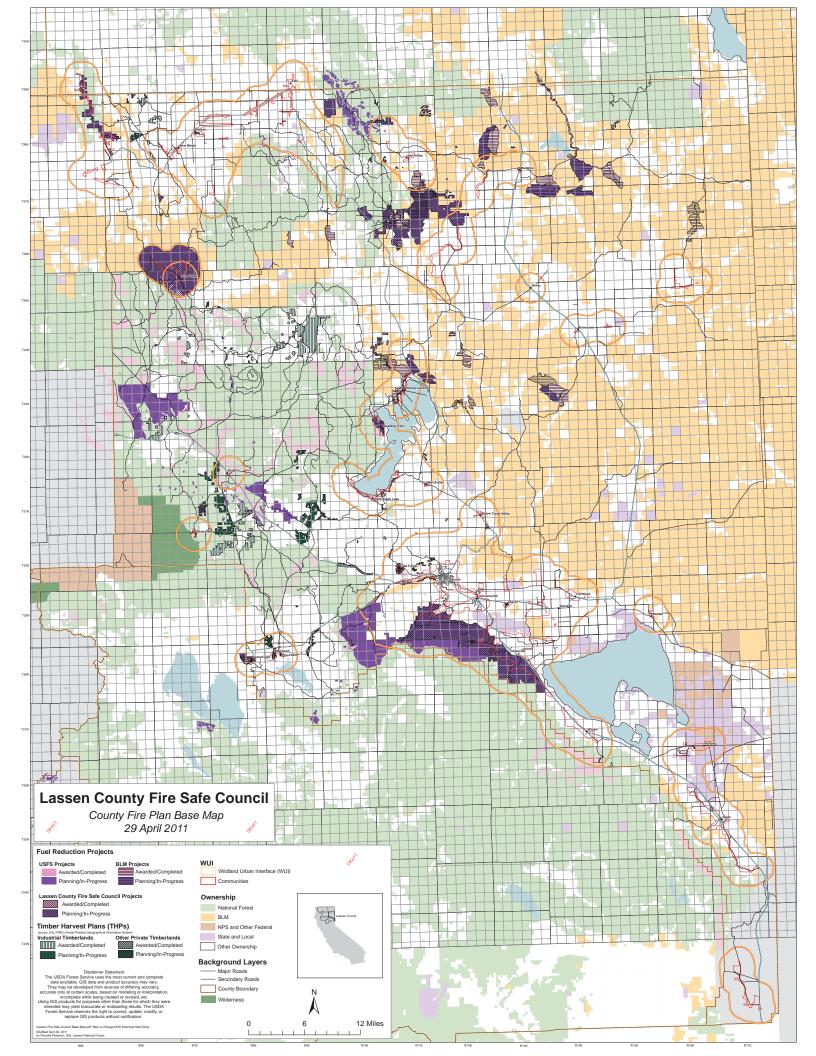
Annual ranking is adopted by consensus.

1.	Diamond Mountain
2.	Doyle
3.	Clear Creek
4.	Milford
5.	Janesville
6.	Lookout
7.	Little Valley
8.	Spalding
9.	Eagles Nest
New projects of importance but not ranked this year:	

Cheney Creek Diane Drive

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







March 31, 2014

This year marked the 8th year that the Lassen County Community Wildfire Protection Plan (CWPP) Working Group has gathered, reviewed and ranked projects. We also renewed our Memo of Understanding (MOU) with all our participating agencies and partners for another five years and reviewed the Wildland Urban Interface boundaries throughout the county. Under the MOU Lassen County Fire Safe Council, Inc. will continue its leadership role in CWPP planning and coordination. Our monthly general meeting will also continue to be a forum for CWPP participants and the community as a whole. Each and every year we are finding more ways to work collaboratively together.

The CWPP Working Group has placed its highest priority on moving forward with planning for Diamond Mountain fuel treatments. All participating CWPP partners felt a combined public/private partnership would be the best path forward to preserve and restore the greater Susanville watershed and protect communities in the shadow of Diamond Mountain. LCFSC will take 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 7 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 <u>home</u> 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 <u>important</u> 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 continued work on our Clear Creek project in conjunction with our Sierra Pacific Industry and W.M. Beaty partners and work on the project will continue through 2014. In 2013 over 1,800 acres were treated and restored on our combined Kramer Ranch/Lookout project. We also completed 560 acres of our 1,100 acre landscape scale Ash Valley project. This year will be another record year for project treatments as we begin new projects in Janesville, Milford, Little Valley and Ash Valley.

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

Dorine Blankenship,

Chair



WUI Area: Throughout Lassen County

2014 Implementation

Funding: Title III and other TBD

Acres: N/A

Agency or Agencies: Lassen County Fire Safe Council, Inc.

Project Name: Education Program

Project Coordinates: N/A

Summary of Project: The loss of U.S. Forest Service Title III funds for education of youth activities, which was our primary source of funding for the Lassen County Fire Safe Council's (LCFSC) "Firewise in the Classroom" 6^{th} grade educational program, continues to be a challenge for the Council. The program is celebrating it's fifth year anniversary this year. The classroom curriculum is provided to all 6^{th} grade classrooms except for Susanville School District's



Diamond View School which we are working to get their participation in providing the program to their students. Funding for this valuable program is currently provided by the LCFSC. These funds will soon become unavailable therefore the LCFSC Education Director is looking into other financing possibilities. We will conduct Lassen County Superintendent of Schools approved county-wide 6th grade teacher "In-Service" training on the classroom curriculum in order to make sure all teachers are presenting the entire classroom program correctly and successfully as designed. We annually review and update the information provided within the classroom curriculum in order to keep the program materials current, fresh and exciting for the students yet make it enjoyable for the teachers to present to the children while at the same time providing informative relevant information to the parents. We will be looking for opportunities to possibly expand the program to neighboring counties such as Shasta and Modoc as well as Plumas counties.

The Education Director is working with CalFIRE and Lassen County Sheriff's Office to develop evacuation maps for communities that will be easy to understand and relevant to each community. These maps will, once agreed upon, become part of the educational materials provided to the students which will be sent home to the parents for use in the development of their individual family disastrer plans. The family disaster plans allow for the families to develop their own plans on what their famly members should do in the event a wildland fire should occur, evacuations orders are implemented, and they are seperated from each other.

The LCFSC Education Director will continue visiting additional communities this year promoting the "Firewise" message throughout the County. Educational outreach on defensible

space, Firewise Communities and Fire Adapted Communities will be provided by participating in several local events such as the Rocky Mountian Elk Foundation's "Spike Camp", The Chamber of Commerce Home and Garden Show, the Lassen County Fair, Doyle Days, the "Spring into Action" Fire Prevention Expo in MacArthur as well as other local events as they become aware to us throughout the year. We will also participate in the Lassen County Office of Education's "Science Fair" recognizing students that study the issues of wildfires and the importance of fire preparedness.

Those recoginized "Firewise Communities" that do have local fire safe councils established or are in need of assistance in maintaing their own fire safe councils will be provided assistance in conducting their annual Firewise Community events in order to insure their continual "Firewise Communities" recognition. This is important for these communities in order for them to be able to look for future funding opportunities which would help to provide assistance in conducting local community activities to conduct their fire awareness activities

In addition we will continue our efforts in informing local homeowners and property owners the importance in installing proper house numbering in order to assist first responders efforts. We will be working with all interested local fire agencies, medical first responders, Lassen OES, etc. along with the Lassen County Planning/Building Department in providing an amendment to the Lassen County sign ordinance to reflect the new signage requirements and present to the Lassen County Board of Supervisors for adoption.

Working with local fire departments, the distribution of these signs would provide an opportunity for each fire department to raise additional funding for operational expenses for those that chooses to participate. We will continue our search for grant opportunities that may come around which may provide funding for meaningful county-wide implementation of these signs as well.

We will continue our monthly Lassen County Fire Safe Council Education Committee meetings in an effort to develop new projects as they are presented by the committee participants as well as regular attendance at all Northeastern California Fire Prevention Council meetings as they as called.

We will focus on attending as many conferences and seminars as possible including the IAFC WUI Conference held annually in Reno as well as those provided by the CFSC and others which will provide us additional educational opportunities to provide to Lassen County residents and communities. In addition, we will continue partnership with the Living with Fire program provided through the University of Nevada – Reno Cooperative Extension Office.

Finally we will provide for updating of information on our website <u>www.lassenfiresafecouncil.org</u> as new information becomes available. Comments on improventents/suggestions for additional information, other agency website links, etc. are always welcomed and encouraged.

Number of Acres: 400

WUI Area: Day Road/Big Valley

Funding: Planning/Not Funded

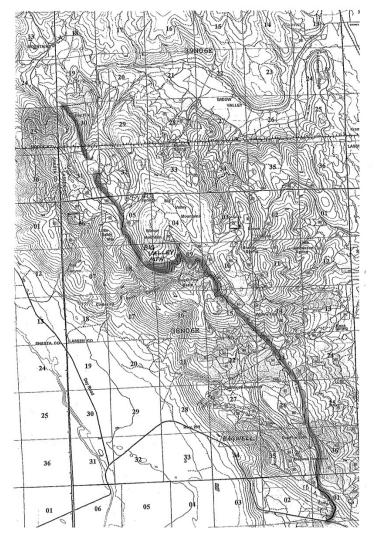
2014 Planning

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.



WUI Area: Westwood-Clear Creek

Funding: Partially Funded

2013 Implementation

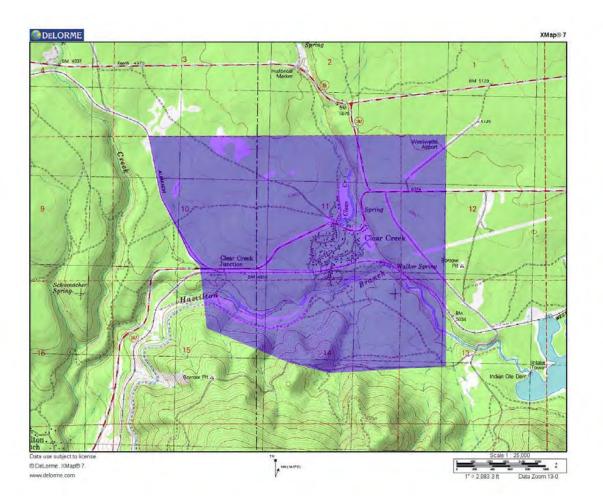
Number of Acres: 1850

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

Project Name: Clear Creek Forest & Meadow Restoration Project

Project Coordinates: N40.29628 W121.05017

Summary of Project: LCFSC has received funds to perform landscape scale fuel treatments that will restore the watershed and reduce hazardous fuel loads within and around the Clear Creek community along with its partners SPI & W.M. Beaty & Associates. Forest stands will be thinned and small trees and brush fuels will be masticated where they pose a threat to homes and/or are within potential evacuation corridors. Biomass utilization of material will be used to reduce costs. We will also perform Risk in the Home Ignition Zone/structure ignitability assessments with community residents. CalFire has commited conservation crews for hand treatments around the community. LCFSC is in search for additional funds.



WUI Area: Day

Funding: Planning/Not Funded

2014 Planning

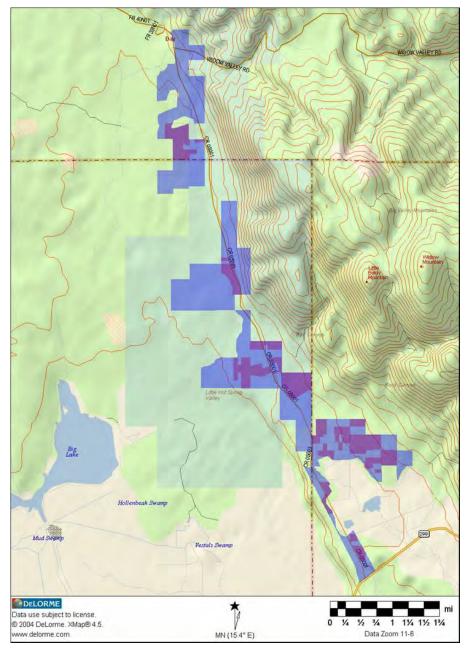
Number of Acres: 500

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.



WUI Area: Susanville

Funding: Planning/Not Funded

2013 Planning

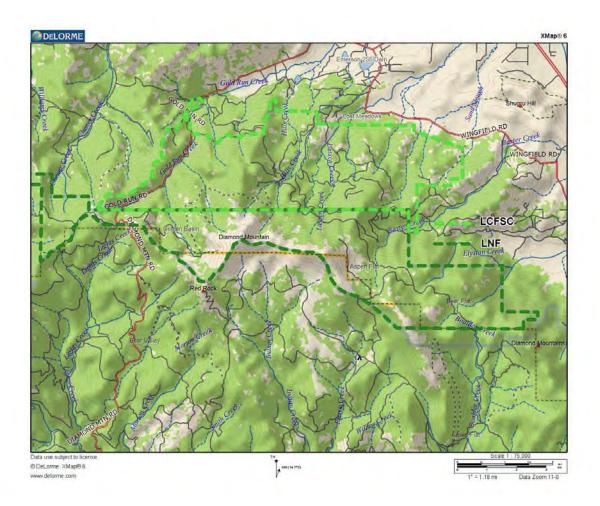
Number of Acres: 7000

Agency or Agencies: LCFSC

Project Name: Diamond Mountain

Project Coordinates: N40.3214 W120.6690

Summary of Project: LCFSC will begin planning with the Lassen National Forest (LNF) on a collaborative fuels treatment project along and below Diamond Mountain south of Susanville. 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.



WUI Area: Doyle

Funding: Planning/Not Funded

2013 Planning

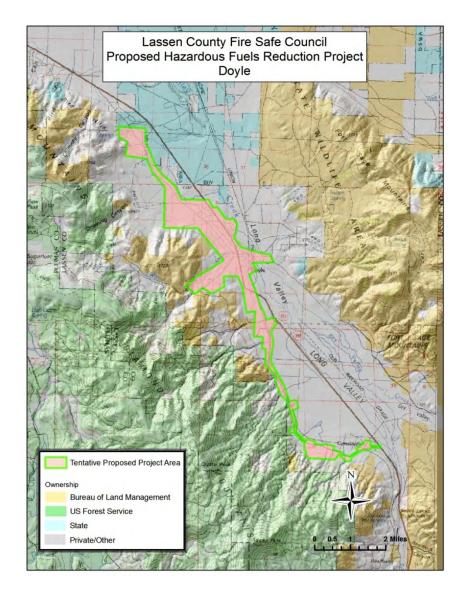
Number of Acres:

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.



WUI Area: South Eagle Lake

Funding: Planning/Not Funded

2013 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 begin 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



WUI Area: Janesville

Funding: Partially Funded

2013 Implementation

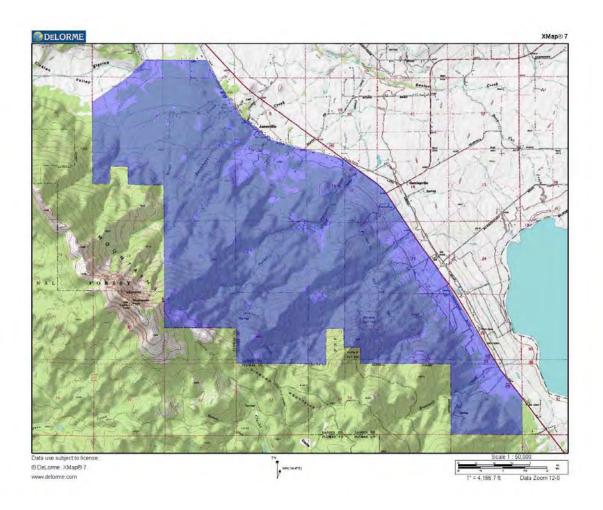
Number of Acres: 400

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 2010 fuel treatments and Risk Assessments in the Home Ignition Zone/structural ignitability assessments. More residents signed up in the last phase 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.



WUI Area: Adin

Funding: Planning/Not Funded

2014 Implementation

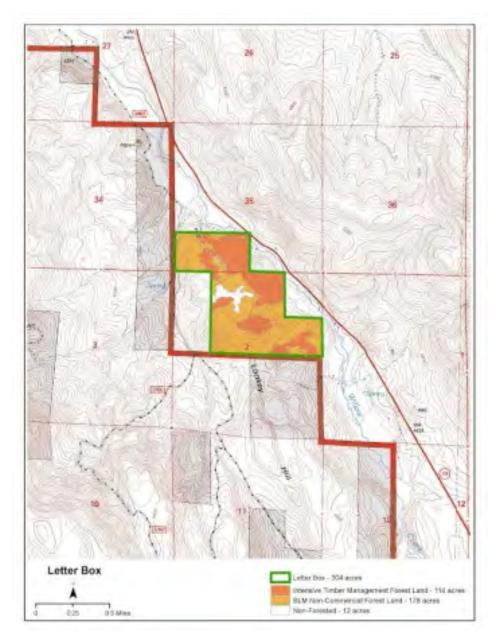
Number of Acres: 400

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.



WUI Area: Lookout/Nubieber

Funding: Partially Funded

2013 Implementation

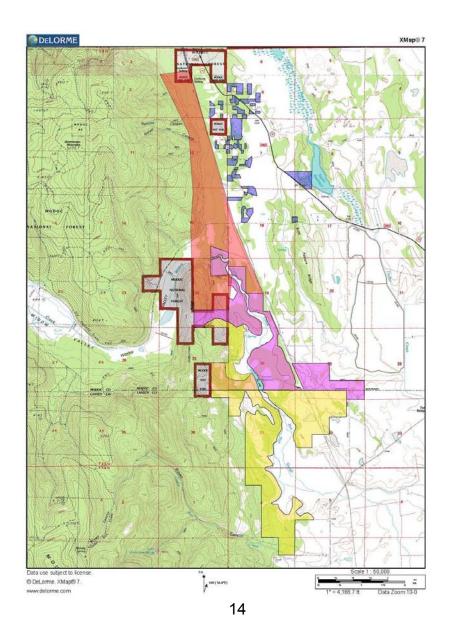
Number of Acres: 4200

Agency or Agencies: LCFSC, PRCD, SNC, CalFire, CFSC

Project Name: Kramer Ranch/Lookout Watershed Restoration & WUI Treatments

Project Coordinates: N41.1827 W121.2012

Summary of Project: LCFSC has completed 2,000 acres and will be applying for additonal funding as opportuinities 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 commited Conservation Crews to assist with follow-up hand treatments. Additional treatments will be conducted within the Lookout Ranchetts community. Project lies within Lassen and Modoc Counties and is also a top priority in the Modoc County CWPP.



WUI Area: Little Valley

Funding: Partially Funded

2013 Implementation

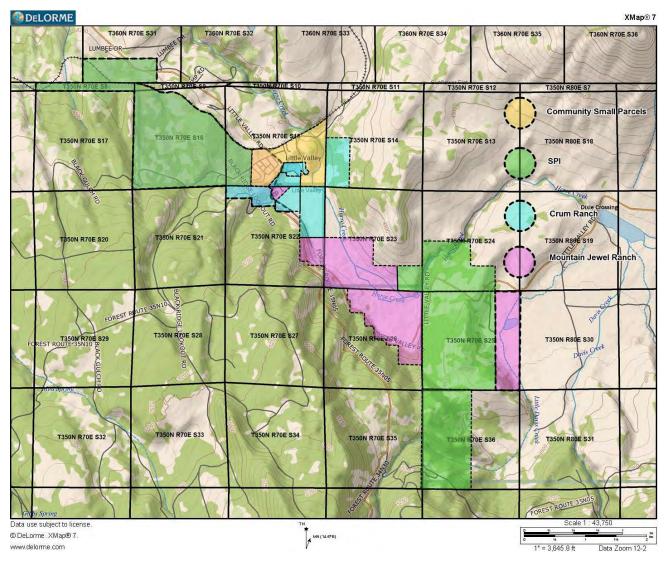
Number of Acres: 2000

Agency or Agencies: LCFSC

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 800 acres will be treted 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. Risk in the Home Ignition Zone/structure ignitability assessments within and around the community will also be part of the project.



WUI Area: Milford

Funding: Partially Funded

2013 Implementation

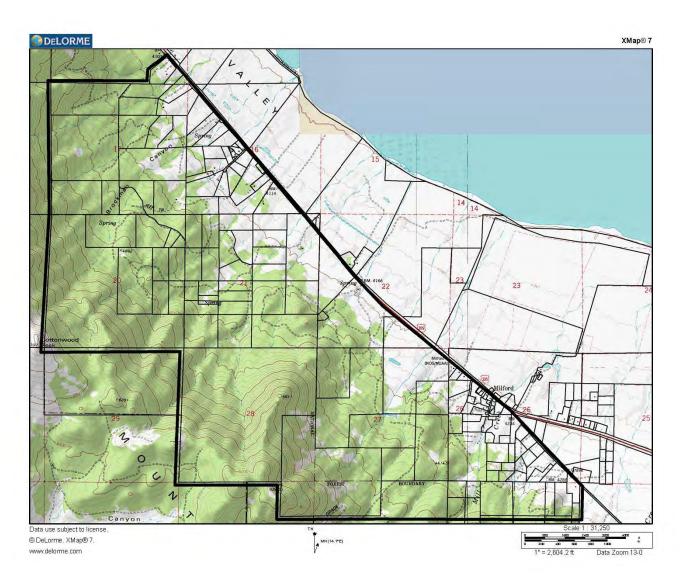
Number of Acres: 600

Agency or Agencies: LCFSC, CFSC

Project Name: Milford Fuel Treatments and Risk Assessments

Project Coordinates: N40.1768 W120.3885

Summary of Project: LCFSC will be implementing fuel treatments in 2014 and applying for additional implementation funds. 600 acres of fuel treatments are planned along with residential Risk Assessments in the Home Ignition Zone/structural ignitability assessments. LCFSC will be working with the community of Milford to achieve Firewise Communities USA status/certification in the course of the project. 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 will be used to reduce costs.



WUI Area: Lake Forest

Funding: Planning/Not Funded

2014 Planning

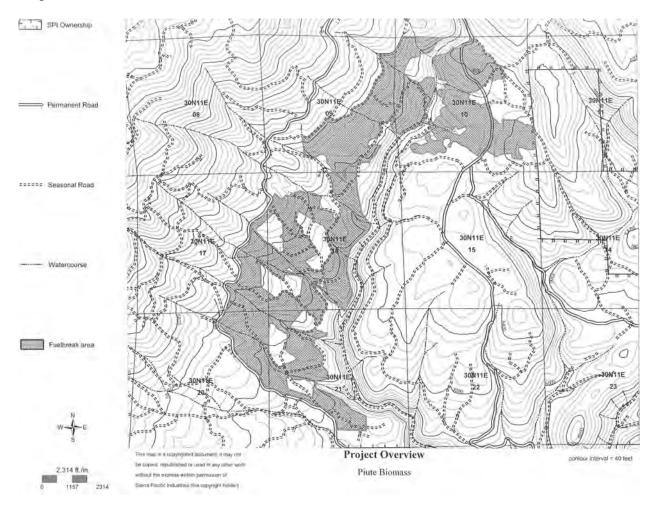
Number of Acres: 1000

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.



WUI Area: Susanville

Funding: Planning/Not Funded

2013 Implementation

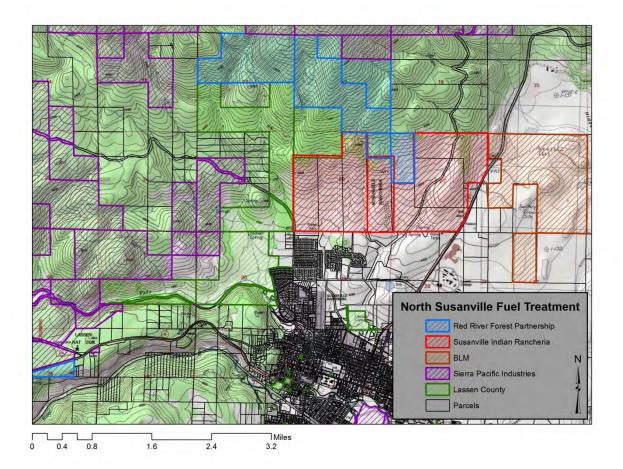
Number of Acres: 5000

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.



WUI Area: South Eagle Lake

Funding: Planning/Not Funded

2014 Planning

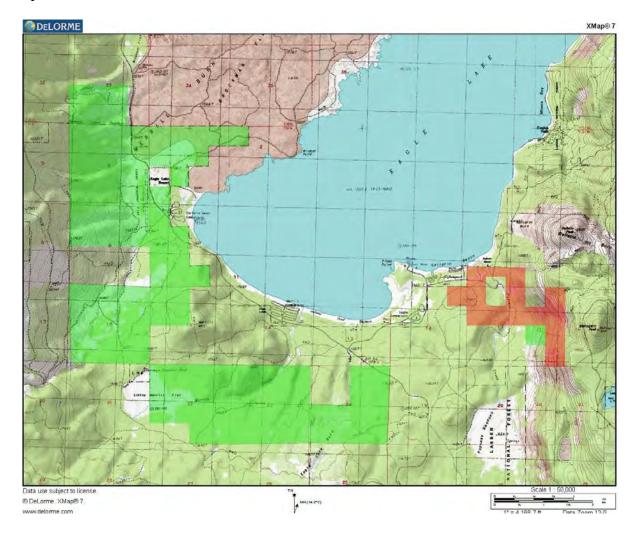
Number of Acres: 4,000

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.



WUI Area: Spaulding

Funding: Planning/Not Funded

2013 Planning

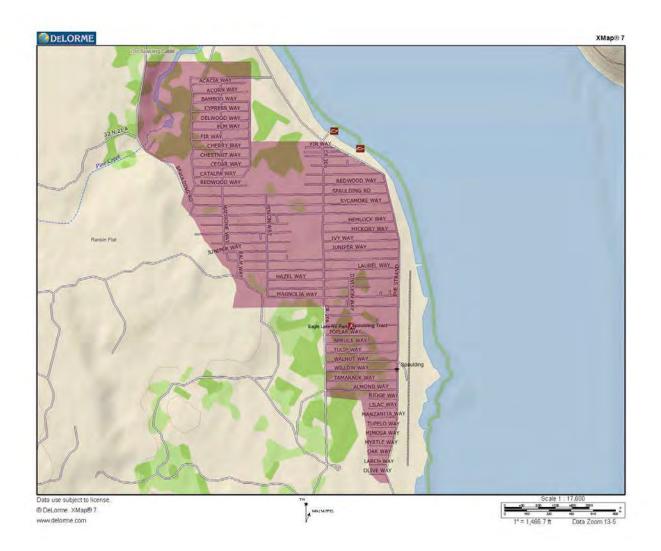
Number of Acres: 40

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



WUI Area: Susanville

Funding: Funded & Planning

2014 Implementation & Planning

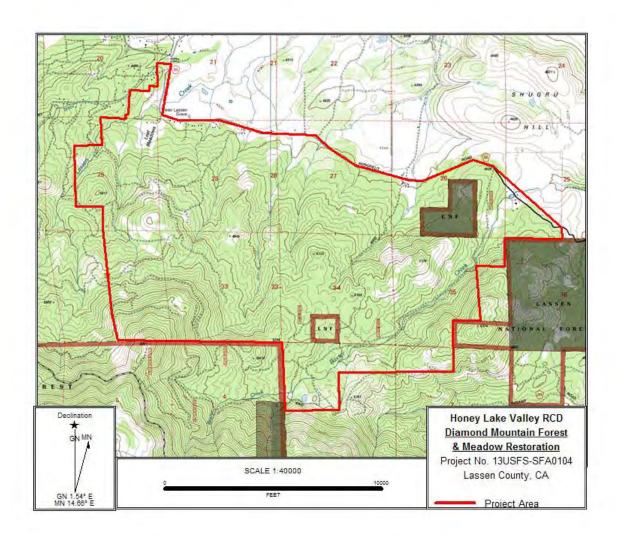
Number of Acres: 4322

Agency or Agencies: HLVRCD

Project Name: Diamond Mountain Forest & Meadow Restoration

Project Coordinates: N40.334 W120.616

Summary of Project: HLVRCD has recently completed treating 404 acres of mechanical thinning and mastication, 40 acres of hand thinning, pruning and slash disposal, and 11 acres of meadow restoration with a Sierra Nevada Conservancy Grant. Under an approved CA FSC grant, HLVRCD has funds to treat an additional +/- 275 acres in 2014. HLVRD has initiated discussion with the Lassen National Forest to collaborate and coordinate future projects along the National Forest – private property border.











Cooperative Sagebrush Steppe Restoration Initiative

Thomas W. Esgate, Project Director PO Box 816 Susanville, California 96130 530-310-0146 <u>twesgate@sbcglobal.net</u>

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 16,000 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. 2014 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

2013 Planning

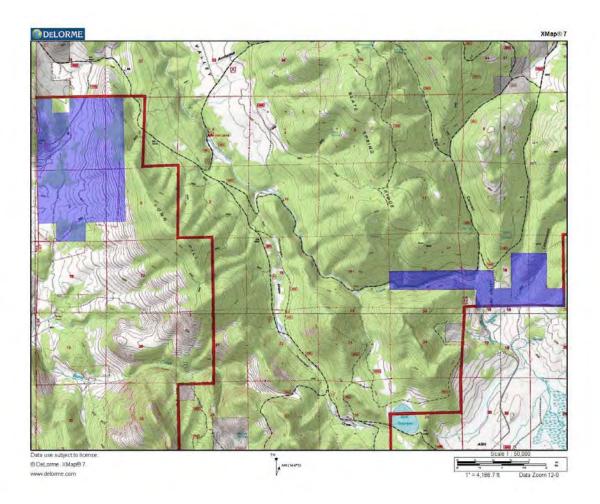
Number of Acres: 1900

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.



WUI Area: Ash Valley

Funding: Partially Funded

2013 Implementation

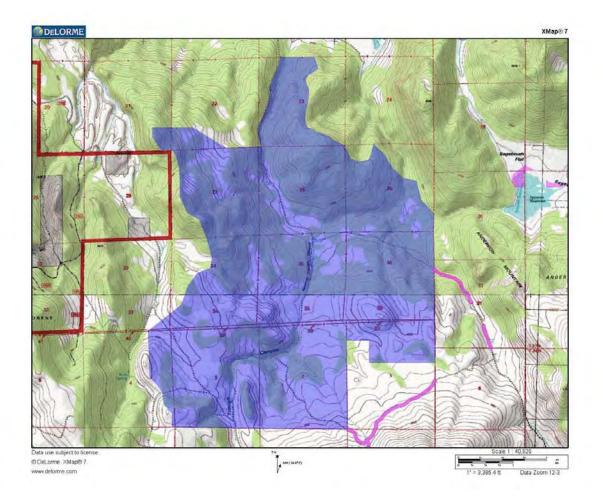
Number of Acres: 5500

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. 1,700 acres were completed in 2011-12. 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.



WUI Area: Madeline & DFPZ

Funding: Planning/Not Funded

2013 Planning

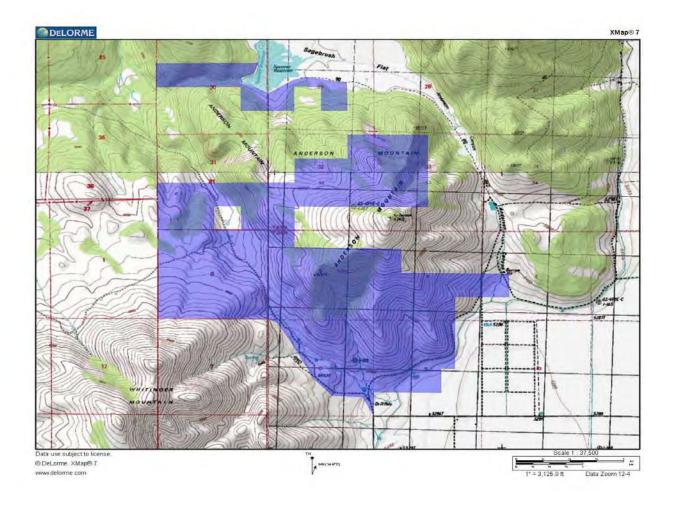
Number of Acres: 2554

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



WUI Area: Hayden Hill DFPZ

Funding: Partially Funded

2013 Implementation

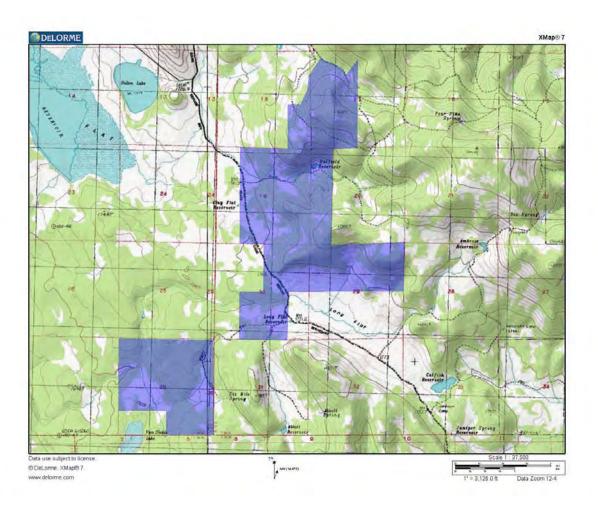
Number of Acres: 1600

Agency or Agencies: CSSRI, CalFire

Project Name: Hayden Hill Watershed Restoration Projects

Project Coordinates: N40.9339 W120.8553

Summary of Project: CSSRI is assiting private landowners in the Hayden Hill area with watershed and wildlife habtat 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.



WUI Area: McBride Springs DFPZ

Funding: Planning/Not Funded

2013 Planning

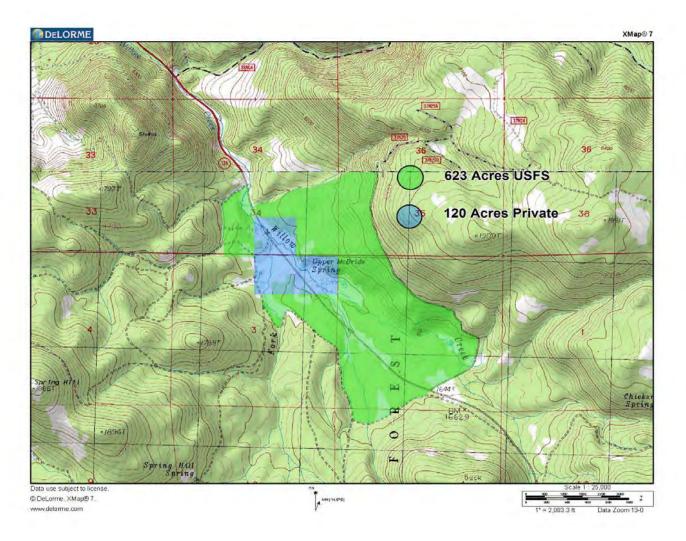
Number of Acres: 743

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 & PRCD, 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.



WUI Area: Grasshopper DFPZ

Funding: Partially Funded

2013 Planning

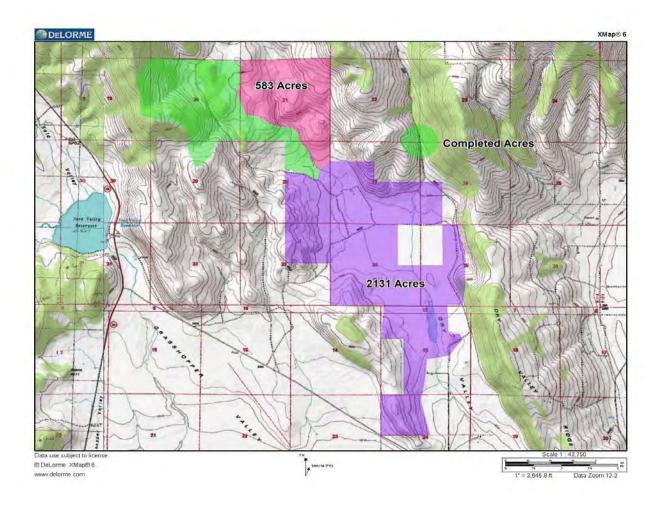
Number of Acres: 2131

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.



WUI Area: Ash Valley

Funding: Planning/Not Funded

2014 Planning

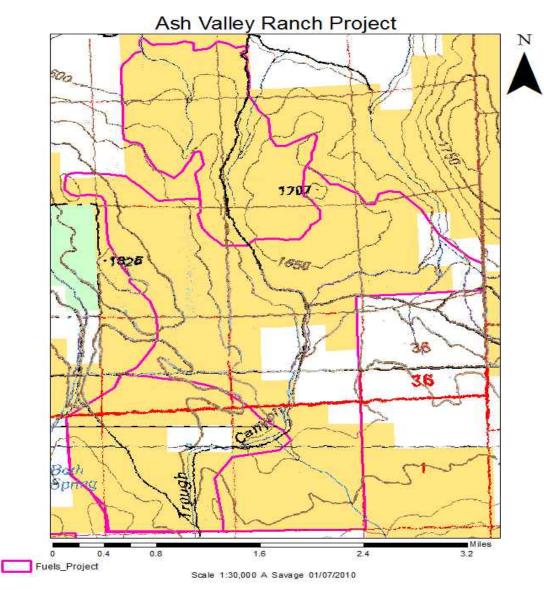
Number of Acres: 500

Agency or Agencies: Alturas FO

Project Name: Ash Valley Ranch Juniper Reducion

Project Coordinates: N40.9999 W120.6851

Summary of Project: Increased Western Juniper density in the area is leading to a loss of understory and ecosystem diversity. The Lassen Fire Safe Council has approached BLM to treat the area to coincide with private, Forest Service, and previous BLM treatments in the area. BLM has completed the NEPA and plans are underway to implement a 500 acre biomass project.



WUI Area: Madeline

Funding: Funded

2014 Implementation

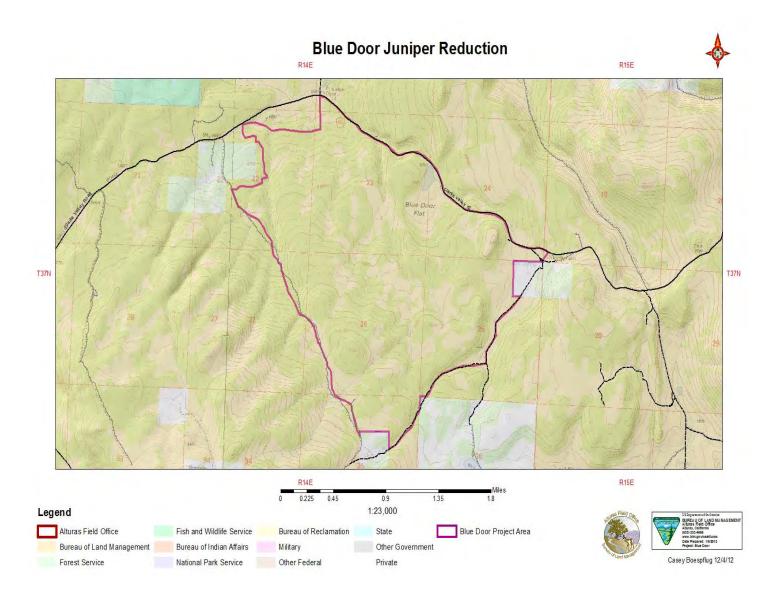
Number of Acres: 2100

Agency or Agencies: Alturas FO

Project Name: Blue Door Juniper Reduction

Project Coordinates: N41.0604 W120.3457

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



WUI Area: North Lassen

Funding: Partially Funded

2014 Implementation

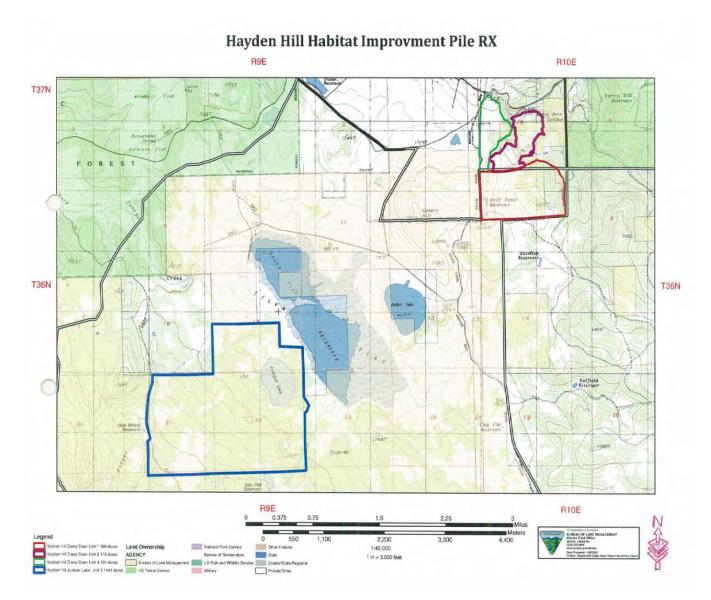
Number of Acres: 1930

Agency or Agencies: Alturas FO

Project Name: Hayden Hill Sage-grouse Restoration

Project Coordinates: N40.9453 W120.9317

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 250 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.



WUI Area: Ash Valley

Funding: Funded

2014 Implementation

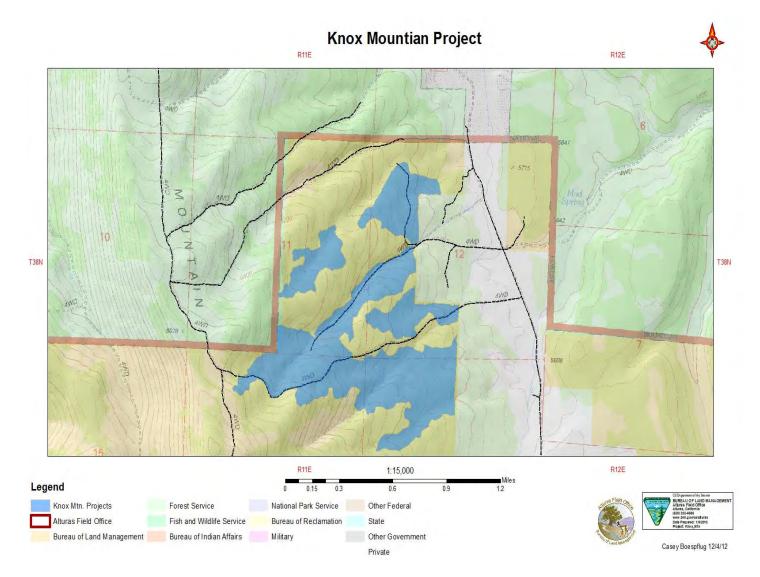
Number of Acres: 800

Agency or Agencies: Alturas FO

Project Name: Knox Mtn. Timber Sale

Project Coordinates: N41.1422 W120.6688

Summary of Project: The proposed action is designed to reduce the existing fire hazard. The project area is 405 acres and cruised at 950,000 board feet. The pine component will be enhanced by pre-commercially thinning areas with advanced conifer regeneration, and commercially thinning intermediate, co-dominant and dominate trees that are showing signs of stress or overcrowding. Within the proposed treatment area white fir will be removed when in the vicinity of pine to allow for pine regeneration. Juniper reduction and biomass was carried out on 800 acres. Project is 95% completeted with pile burning planned for this winter to finish project.



WUI Area: Madeline

Funding: Partially Funded

2014 Implementation

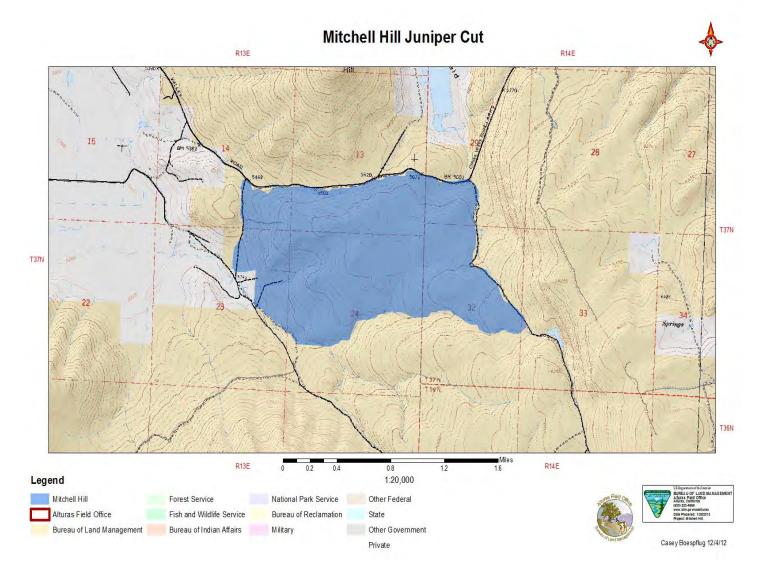
Number of Acres: 1000

Agency or Agencies: Alturas FO

Project Name: Mitchell Hill Juniper Reduction

Project Coordinates: N41.0342 W120.4243

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 approxamitly 700 acres completed.



WUI Area: Ash Valley

Funding: Partially Funded

2014 Implementation

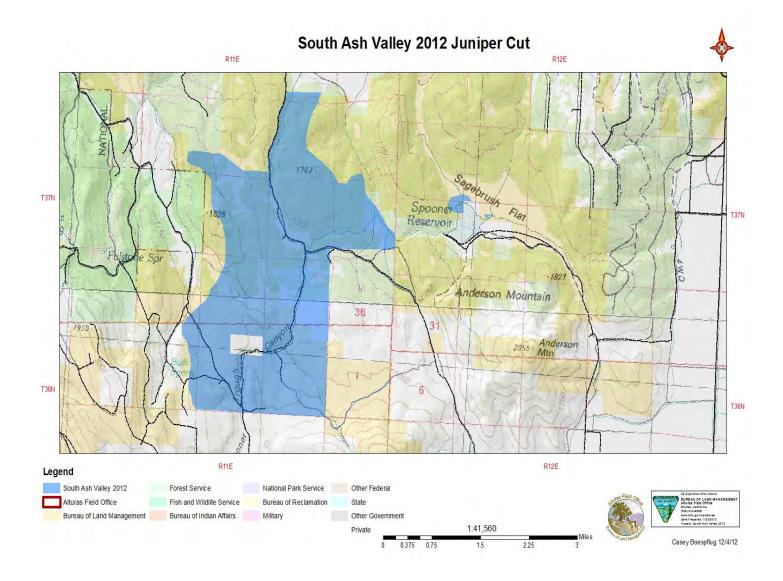
Number of Acres: 4355

Agency or Agencies: Alturas FO

Project Name: South Ash Valley 2012 Juniper Reduction

Project Coordinates: N41.0071 W120.6826

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 are were under contract to start implementing in 2013.



WUI Area: Madeline

Funding: Partially Funded

2014 Implementation

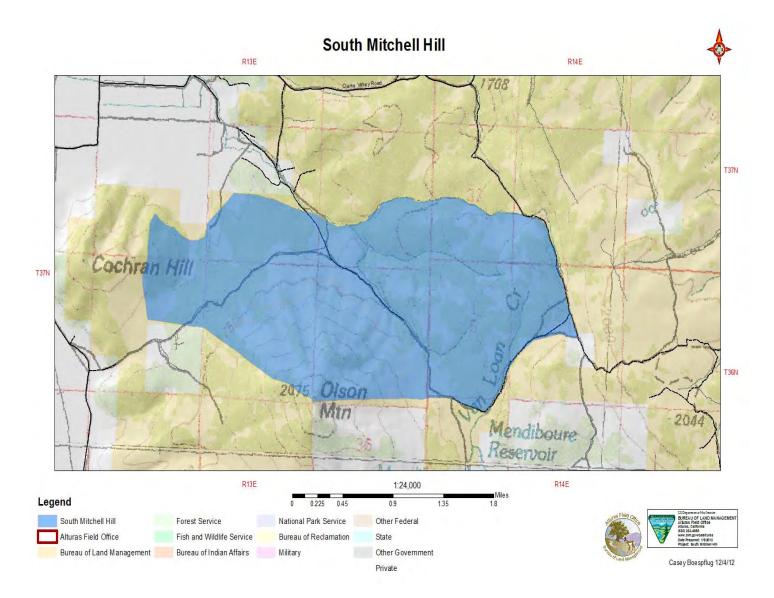
Number of Acres: 2600

Agency or Agencies: Alturas FO

Project Name: South Mitchell Hill Juniper reduction

Project Coordinates: N41.0171 W120.4260

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 treatments, the current ecological trend can be slowed or stopped, allowing recovery of degraded natural resources. The project area is 2600 acres with over 2100 acres treated to date.



WUI Area: Modoc County

Funding: Partially Funded

2014 Planning

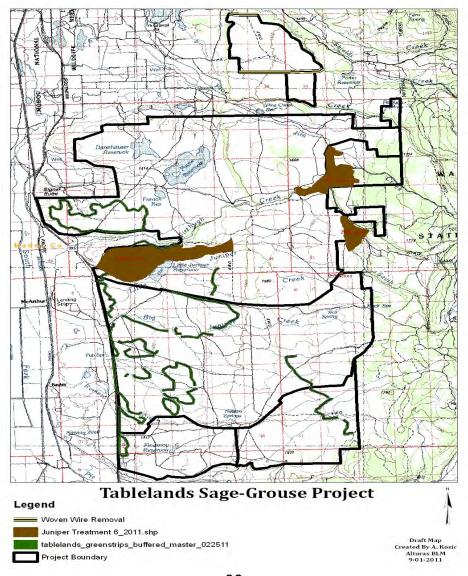
Number of Acres: 2400

Agency or Agencies: Alturas FO

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 2014.



WUI Area: Madeline

Funding: Partially Funded

2014 Implementation

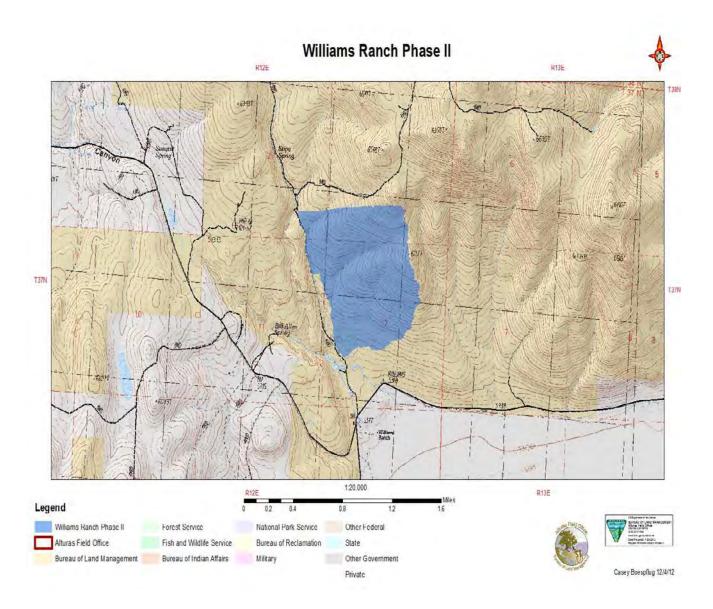
Number of Acres: 400

Agency or Agencies: Alturas FO

Project Name: Williams Ranch Juniper Reduction

Project Coordinates: N41.0590 W120.5540

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



WUI Area: None

Funding: Funded

2014 Implementation

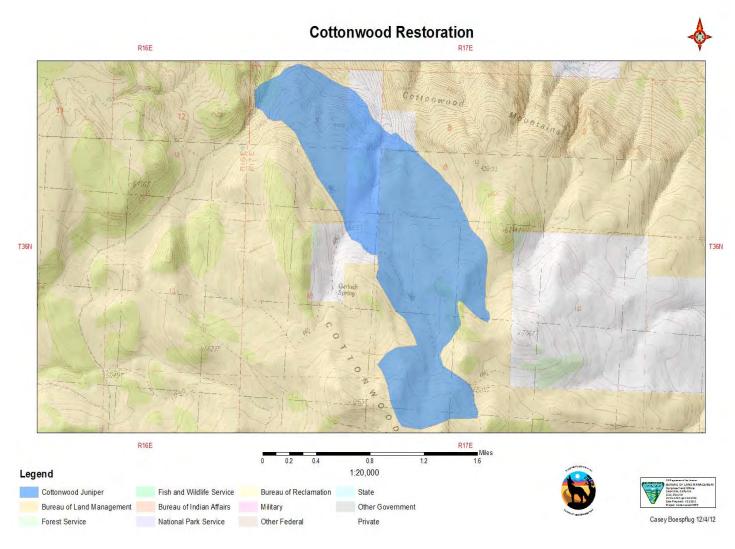
Number of Acres: 1036

Agency or Agencies: Surprise FO

Project Name: Cottonwood Restoration

Project Coordinates: N40.9955 W120.07618

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 implementation this winter. This project is in North Eastern Lassen County and is funded mainly by NRCS.



WUI Area: None

Funding: Funded

2014 Implementation

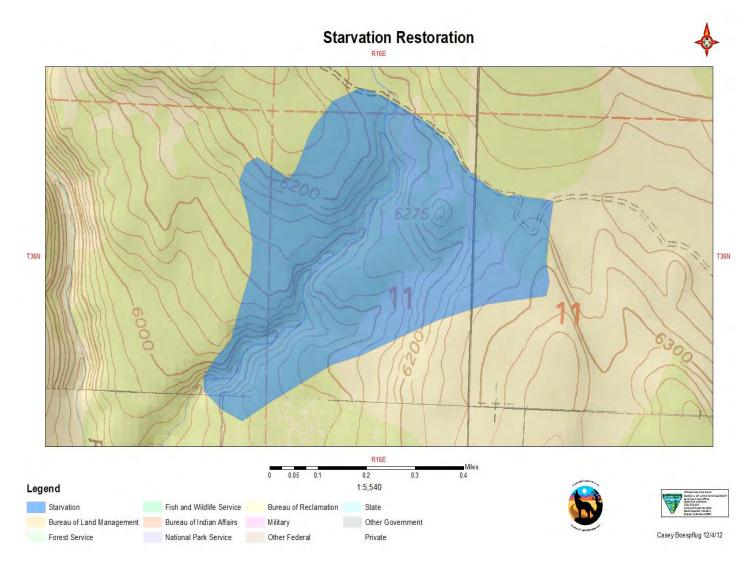
Number of Acres: 145

Agency or Agencies: Surprise FO

Project Name: Starvation Restoration

Project Coordinates: N41.0044 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 comleted and buring of the cut material is planned for this winter. This project is in North Eastern Lassen county and is funded by NRCS



Lassen County Community Wildfire Protection Plan BLM Eagle Lake Field Office 2014 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** and **South Grasshopper** 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 3000 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 in the plantations. The secondary benefits include improving wildlife habitat by increasing the biodiversity of understory vegetation and enhancing forest stand resilience to insects and disease.

WUI Area: Non WUI

Funding: Funded

2014 Implementation

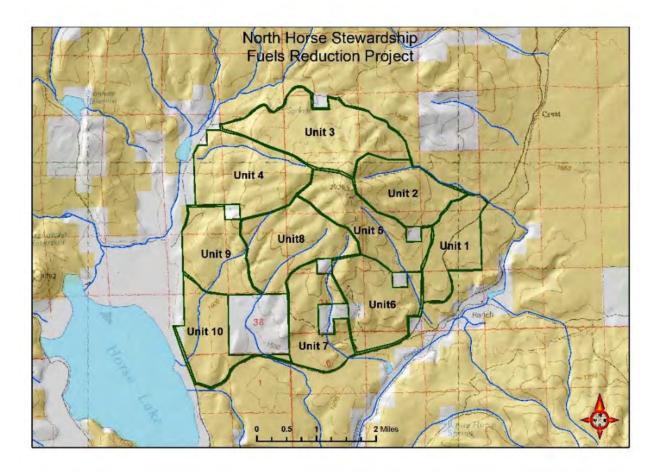
Number of Acres: 10162

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): 600 acres of mechanical thinning.



WUI Area: Eagle Lake/Stones Landing

Funding: Funded

2014 Implementation

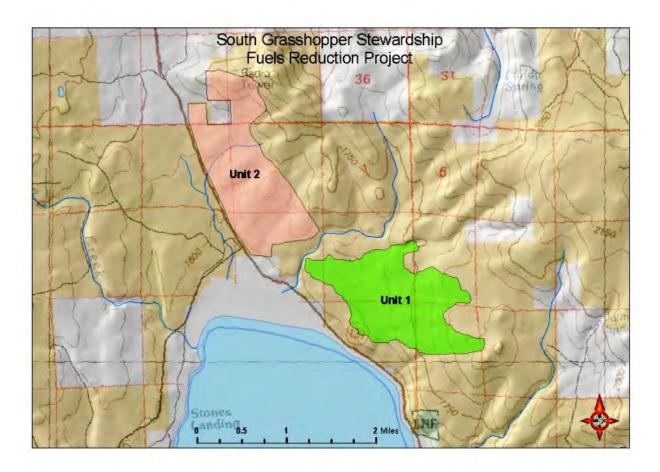
Number of Acres: 1813

Agency or Agencies: BLM Eagle Lake F.O

Project Name: South Grasshopper Stewardship

Project Coordinates: N40.7298 W120.6770

Summary of Project: Using Stewardship Contracting Authority, thin 1815 acres using a combination of mechanical and prescribed fire treatments to reduce high densities of western juniper. The main objective is to reduce the threat of catastrophic wildfires and restore the project area to a more healthy and productive plant community. Most of the material will be chipped and removed to be utilized as biomass for electricity production in local Co-Generation Plants. Completed (2010): 1,000 acres of mechanical thinning and biomass utilization, 65 acres of handthinning/pile construction. Completed (2011): 35 acres of handthinning/pile construction. Accomplished (2012): 80 acres of handthinning/pile construction and burning. Planned (2014): 450 acres of mechanical thinning.



WUI Area: Non WUI

Funding: Planning/Not Funded

2014 Planning

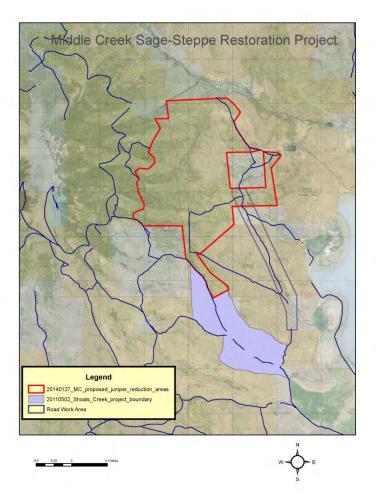
Number of Acres: 3000

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 approxiamately 3,000 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.



WUI Area: Non WUI

Funding: Planning/Not Funded

2014 Planning

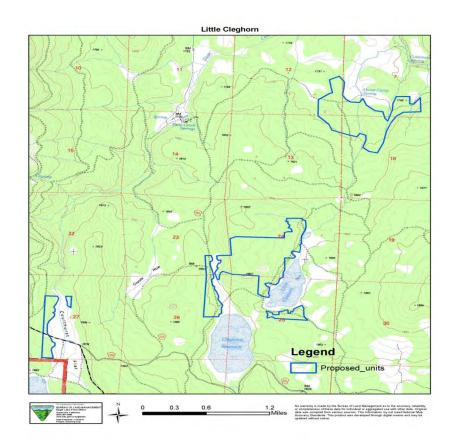
Number of Acres: 570

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 2015. The primary teatment method will be mechanized thinning with biomass and sawtimber removal.



WUI Area: Campbell Management Area

Funding: Funded

2014 Implementation

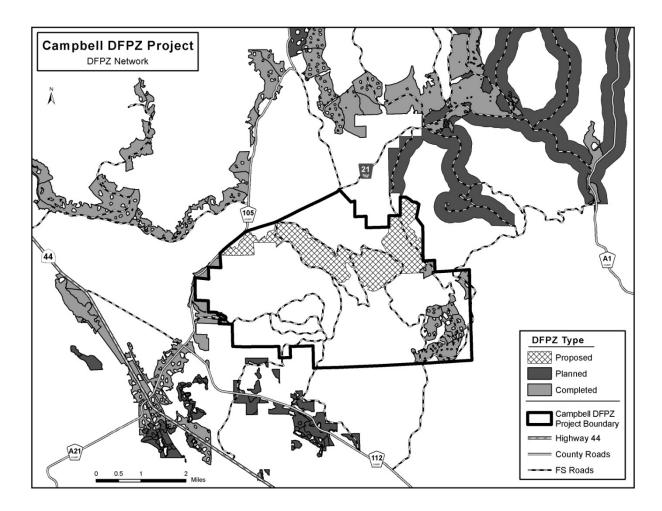
Number of Acres: 3541

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.



WUI Area: Cambell Management Area

Funding: Funded

2014 Implementation

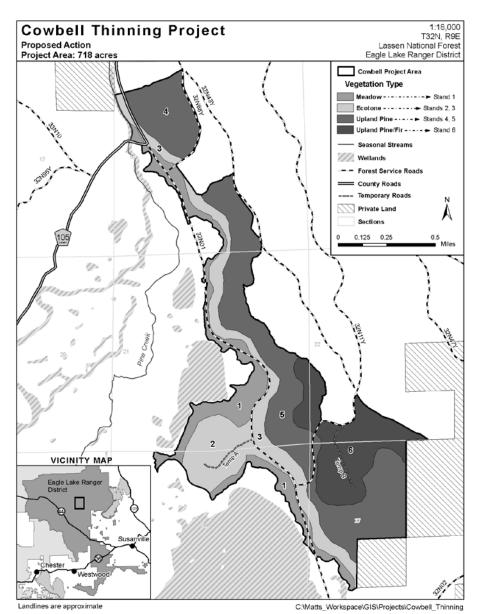
Number of Acres: 718

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.



WUI Area: Diamond Management Area

Funding: Funded

2014 Planning

Number of Acres:

Agency or Agencies: USFS

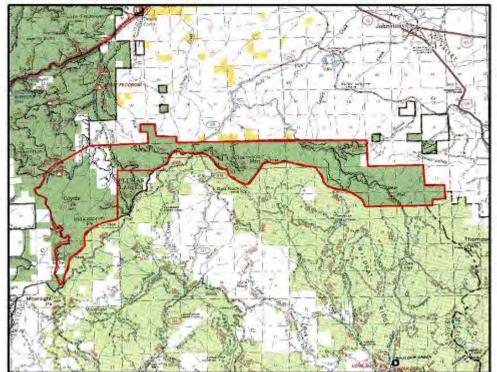
Project Name: Diamond Project

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: Harvey Management Area

Funding: Funded

2014 Planning

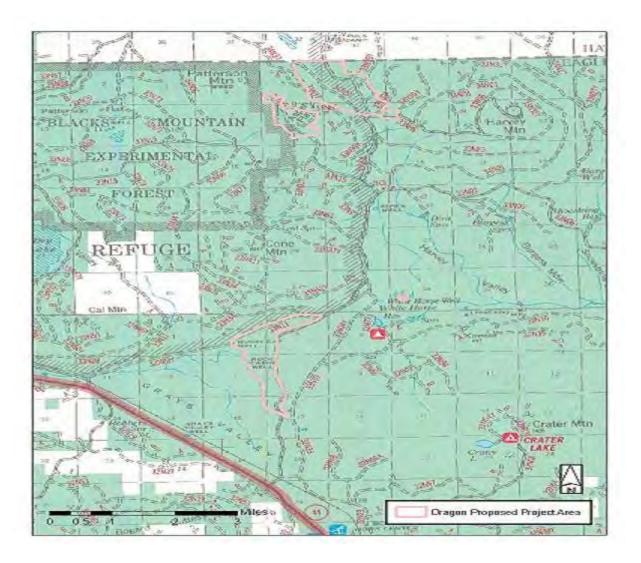
Number of Acres: 1600

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.



WUI Area: Harvey Management Area

Funding: Funded

2014 Planning

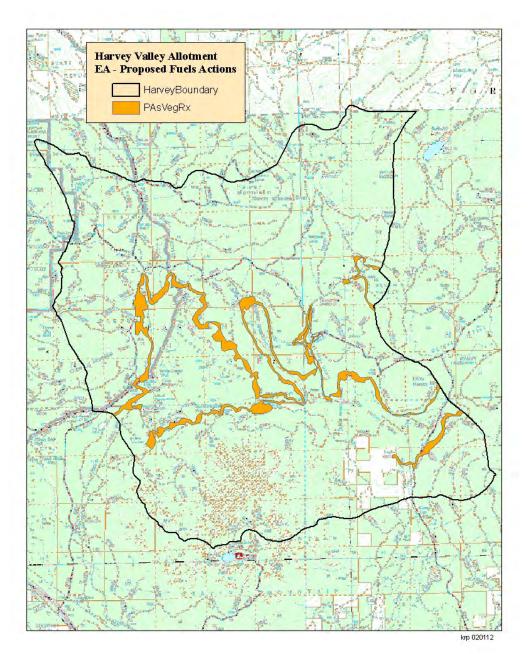
Number of Acres: 1280

Agency or Agencies: USFS

Project Name: Harvey Valley Allotment

Project Coordinates: N40.45.35 W121.00

Summary of Project: Grazing Allotment EA, which includes proposals to thin encroaching conifers along meadow edges, pile burn, and underburn across meadows where possible. The project was approved in 2013.



WUI Area: Cone Management Area

Funding: Funded

2014 Implementation

Number of Acres: 212

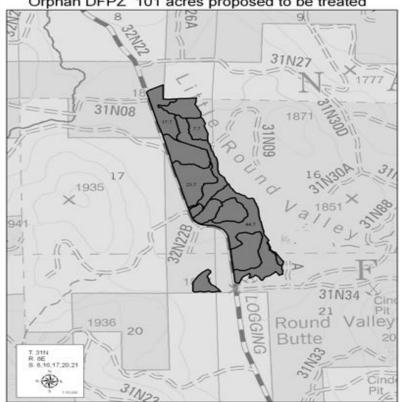
Agency or Agencies: USFS

Project Name: Orphan DFPZ STWD

Project Coordinates: N40.54873 W121.10482

Summary of Project: Orphan DFPZ STWD was sold in 2011. Treatment would include biomass removal and thinning. Subsequent treatment would include prescribed burning of the activity generated fuels. The thinning portion of the project was completed in January of 2014.

Project Map:



Orphan DFPZ 101 acres proposed to be treated

WUI Area: Grays Management Area

Funding: Funded

2014 Implementation

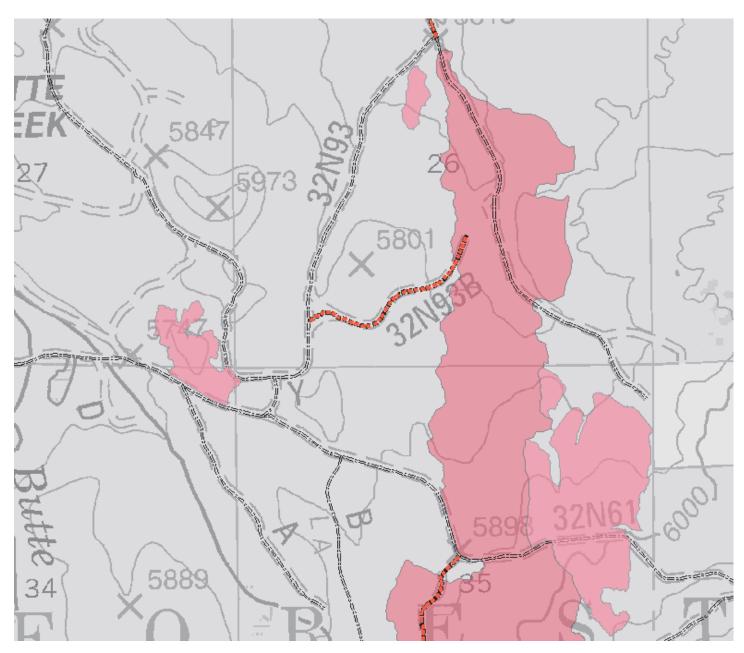
Number of Acres: 990

Agency or Agencies: USFS

Project Name: Pole Spring Plantaion Mastication

Project Coordinates: N40.6066 W121.6833

Summary of Project: Pole Spring project implementation started in 2011. Hand thinning of small diameter trees was completed. Mastication of material and brush will be completed in 2014.



WUI Area: McCoy Management area

Funding: Funded

2014 Implementation

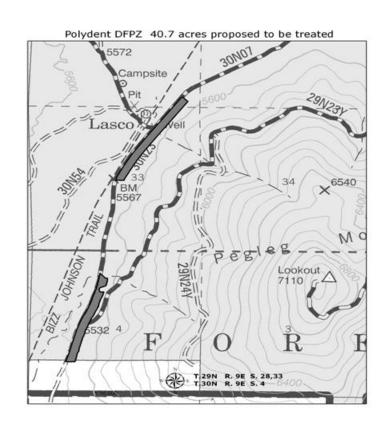
Number of Acres: 41

Agency or Agencies: USFS

Project Name: Polydent DFPZ STWD

Project Coordinates: N40.43172 W120.95658

Summary of Project: The Polydent DFPZ STWD project was sold in 2011. Proposed treatments would include biomass removal and mechanincal thinning. Subsequent treatment would include prescribed burning of the activity generated fuels. The thinning protion of the project was completed in January of 2014.



WUI Area: McCoy Management Area

Funding: Funded

2014 Implementation

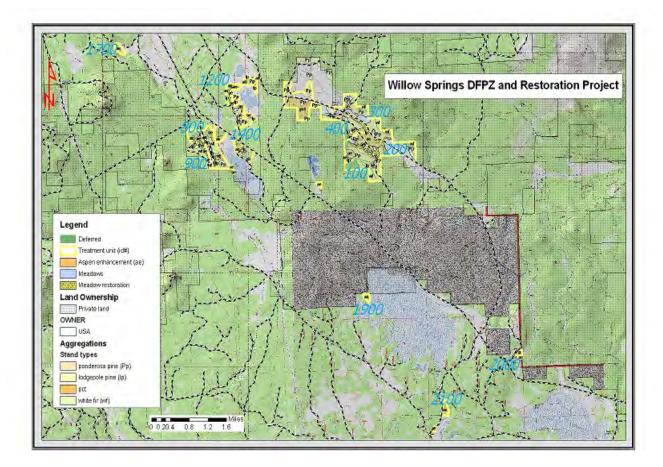
Number of Acres: 1233

Agency or Agencies: USFS

Project Name: Willow Springs DFPZ and Restoration Project

Project Coordinates: N40.46095 W120.91866

Summary of Project: The Willow Springs DFPZ and Restoration project was sold in 2011, implementation began in 2012, and the mechanical thinning treatments will be completed in 2014. 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.



WUI Area: Ash Valley WUI & DFPZ

Funding: Planning/Not Funded

2013 Planning

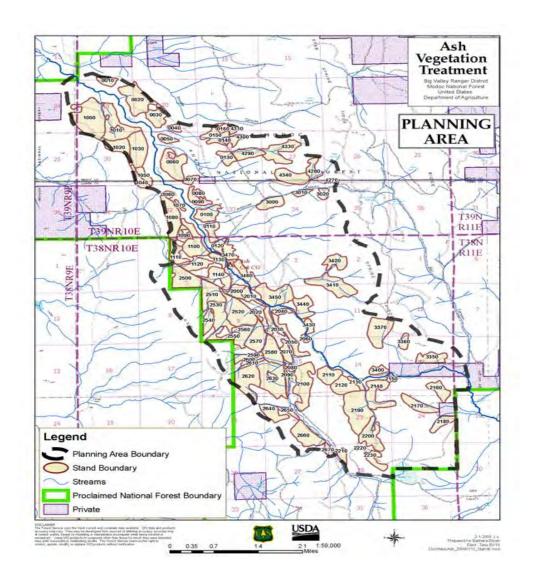
Number of Acres: 5000

Agency or Agencies: USFS, Modoc NF

Project Name: Ash Vegetation Treatment

Project Coordinates: N 41.15594 W 120.8166

Summary of Project: The Ash Vegetation Treatment project will implement thinning and underburning of timber stands to reduce the susceptibility of western pine beetle and mountain pine beetle attacks; improve forest health and wildlife habitat; and reduce the risks of large scale catastrophic wildfires to forest and private land. 75 acres out of 1,000 of Juniper removal and pile burning has been completed. A request for funding was summited for completion of the Juniper removal and pile burning. The 4,000 acer timber sale is planned to be awarded in 2013.



WUI Area: Susanville

Funding: Planning/Not Funded

2014 Planning

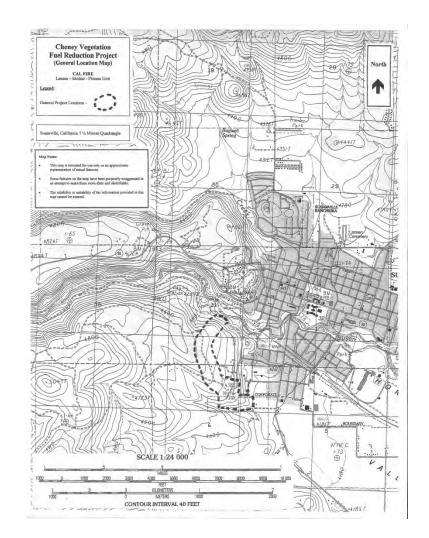
Number of Acres: 20

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

Project Name: Cheney Vegetation Fuel Reduction Project

Project Coordinates: N40.2423 W120.1030

Summary of Project: CAL FIRE will begin planning and scoping for a potential vegetation fuel reduction project in conjunction with LCFSC and, hopefully, with BLM, 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 other land owners. The treatment method will largely consist of hand cutting and piling of the vegetation. Treatment of the vegetation piles will most likely consist of burning in the winter when conditions are safe. However, if available, a towable chipper may be used in places at any time of the year to chip the piles and scatter the material on site.



WUI Area: Johnstonville

Funding: Planning/Not Funded

2014 Planning

Number of Acres: 52

Agency or Agencies: CAL FIRE/LCFSC/DFW

Project Name: Diane Vegetation Fuel Reduction Project

Project Coordinates: N40.2153 W120.3531

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

