

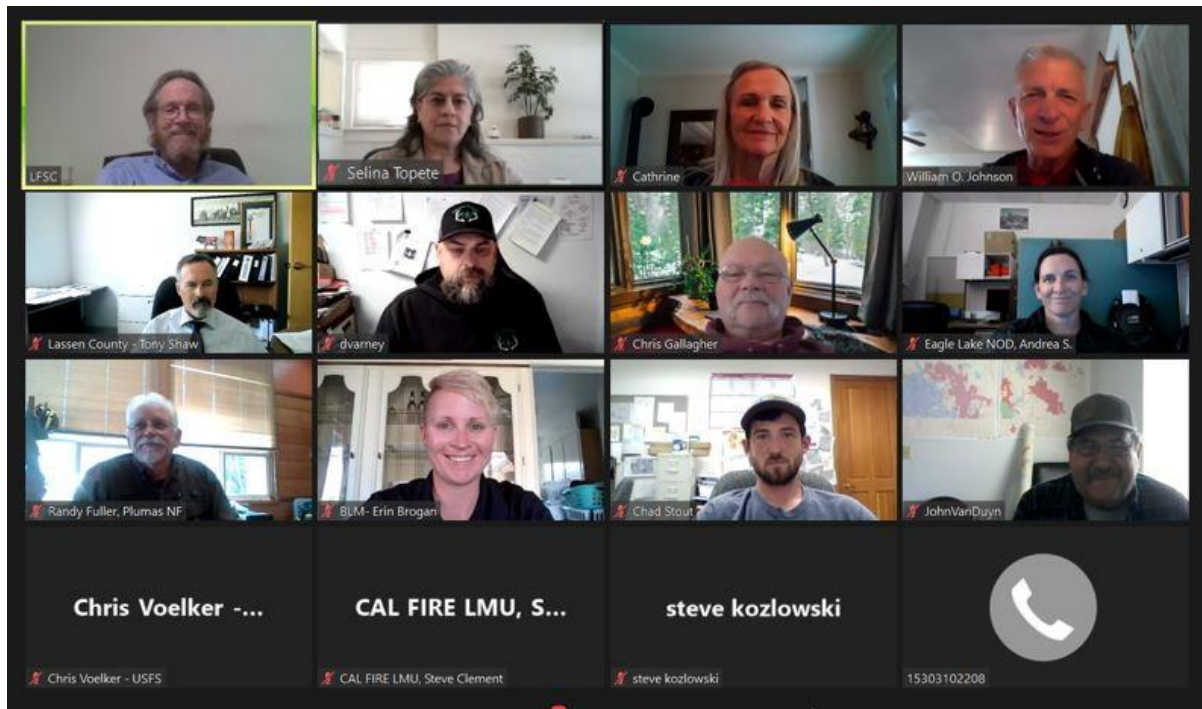
# COMMUNITY WILDFIRE PROTECTION PLAN

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## 2022 Work Plan



Lassen County  
December 2022



Representatives of resource, fire planning and prevention interests met on April 5, 2022 to develop the 2022 Lassen County Community Wildfire Protection Plan, Updated Work Plan. The process began in January of 2022, through online collaboration and reporting, and it was completed in September of 2022. Among the Working Group participants in 2022 were William O. Johnson, Honey Lake RCD; Tony Shaw, Lassen Co; Daniel Varney, USFS Eagle Lake; Chris Gallagher, Lassen Co BOS; Andrea S., Eagle Lake NOD; Randy Fuller, Plumas NF; Erin Brogan, BLM; Chad Stout, SPI; John Van Duyn, WM Beaty; Chris Voelker, USFS; Steve Clement, Cal Fire LMU; Steve Kozlowski, Honey Lake Power; Andrew Mueller, BLM Applegate.

### Participants 2022

- William O. Johnson, HLVRCD
- Tony Shaw, Lassen County
- Daniel Varney, BLM
- Chris Gallagher, Lassen County
- Andrea S., Eagle Lake NOD
- Randy Fuller, Plumas NF
- Erin Brogan, BLM
- Chad Stout, Sierra Pacific Ind.
- John Van Duyn, WM Beaty
- Chris Voelker, USFS
- Steve Clement, Cal Fire LMU
- Steve Kozlowski, HLP

## Table of Contents

<b>Lassen County Fire Safe Council, Inc. Narrative</b> .....	5
<b>2022 Wildland Urban Interface Map</b> .....	6
<b>Priority Private Land Projects Ranking List</b> .....	8
<b>2022 Ranking Projects Map</b> .....	9
<b>Lassen County Ranked Projects</b>	
Cheney Creek Fuel .....	10
South Eagle Lake.....	12
Thompson Peak Initiative .....	13
Doyle .....	16
Dyer Mountain Initiative.....	18
Madeline .....	20
Little Valley .....	21
Dixie East & Beckwourth Reforestation .....	23
Big Valley Mountain .....	24
Diamond Mountain Initiative .....	26
Spaulding.....	28
Dixie West Reforestation.....	30
Ash Valley III .....	32
McBride Springs.....	34
Hog Sheep Fire Reforestation .....	36
McClelland .....	38
Mountain Meadows & SIR Reforestation .....	40
Letter Box .....	42
<b>Reporting Agencies</b>	
Bureau of Land Management, Eagle Lake Field Office Narrative .....	44
Bald Understory.....	46
Hog .....	47
Horse Lake PPA.....	48
Ash Creek Forest Health Improvement Project.....	49
Day Hazardous Fuels Reduction Project .....	51
Dry Cow Sage-steppe Restoration Project.....	52
Dry Cow Sage-steppe Restoration Project Part 2 .....	53
Widow Mountain Forest Health Improvement Project .....	54
Letterbox Forest Health Improvement Project.....	55
Ryegrass Swale Sage-steppe Restoration Project.....	56

XL Pronghorn Habitat Restoration Project .....	57
South Graves Sage-steppe Restoration Project .....	58
Bull Creek Aspen Release and Sage-steppe Restoration Project .....	59
AGFO Juniper Maintenance Project .....	60
Duck Flat PPA Sage-steppe Restoration Project .....	61
Long Hill Forest Health Improvement Project.....	62
Muck Valley Forest Health Improvement Project .....	63
Stony Breaker Juniper Reduction Project .....	64
Nelson Corral Sage-steppe Restoration Project .....	65
Upper Tuledad Sage-steppe Restoration Project.....	66
<b>Lassen Municipal Utility District</b>	
Westwood to Susanville Line 100 to 200 Widening Project.....	67
<b>USFS - Lassen National Forest</b>	
Acer Project.....	68
Hog Fire Salvage and Rehabilitation.....	69
<b>CSSRI - Cooperative Sagebrush Stepper Restoration Initiative</b>	
Ash Watershed Restoration Project.....	71
McBride Springs Upland Restoration.....	72
McClelland Watershed/Wildlife Habitat Restoration Project.....	73
Battalion 1 Projects .....	74
Battalion 2 Projects .....	78
Battalion 3 Projects .....	84
<b>Firewise</b> .....	88
Firewise Community Leaders.....	88
<b>Evacuation/Emergency Response</b> .....	89
Lassen County Sheriff's Office Evacuation Summary.....	90

## Lassen County Fire Safe Council, Inc. (LFSC) Narrative

This is the 16<sup>th</sup> year that the Lassen County Community Wildfire Protection Plan (CWPP) group has met to review and rank wildfire mitigation projects and to document the Wildland Urban Interface (WUI) boundaries throughout the county. In 2022, LFSC re-signed the MOU governing the CWPP process, ensuring that LFSC will continue its commitment as the lead agency coordinating efforts to identify updated priorities and inventory current wildfire mitigation projects within and adjacent to Lassen County communities.

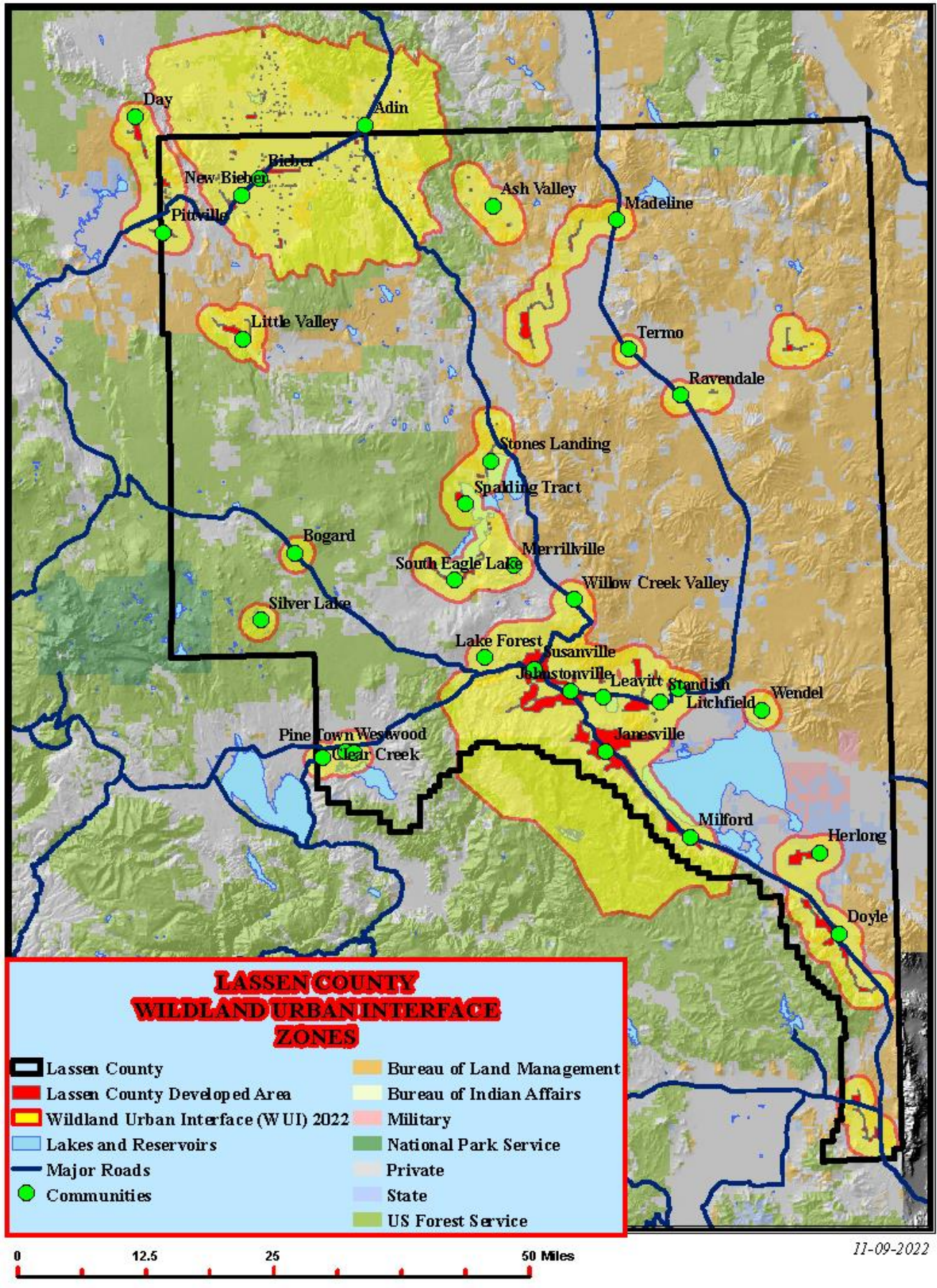
For the 2022 update a comprehensive review of the CWPP process was conducted. The new LFSC management team spoke with several partner agencies to obtain feedback on the CWPP process and what improvements can be made. This includes better communication and input from agency partners. LFSC has resumed the LFSC public general meetings, which include updates from the CWPP Working Group partners.

Moving forward, LFSC intends for the working group to meet regularly and identify new guidelines for project submissions. The priority will be ranking wildfire mitigation projects that protect Lassen County communities. Priority projects include landscape level fuels reduction efforts as well as projects that include elements of community or individual home hardening treatments. These community and home hardening treatments are designed to reduce the potential of wildfires and wildfire embers destroying entire neighborhoods or communities.

As Lassen County has experienced a series of devastating wildfires over the past several years, the 2022 update includes several projects that propose to remove dead and dying overstory and surface fuels from burned landscapes, apply herbicides to control the live fuel component, then replant trees.

The 2022 CWPP takes into account several projects supporting Firewise Communities and identifies a need for greater support of volunteer fire departments as both can play significant roles in protecting Lassen County communities. Changes in emergency response, evacuations, or public safety are documented in the update as well.

Active and recently closed grant updates for LFSC, in Lassen County, are contained within the Project Ranking section of the CWPP. Many public agency and private partners such as USFS, CALFIRE, HLVRCD, and Sierra Pacific Industries have plans that are contained within LFSC project areas so are not necessarily listed separately.



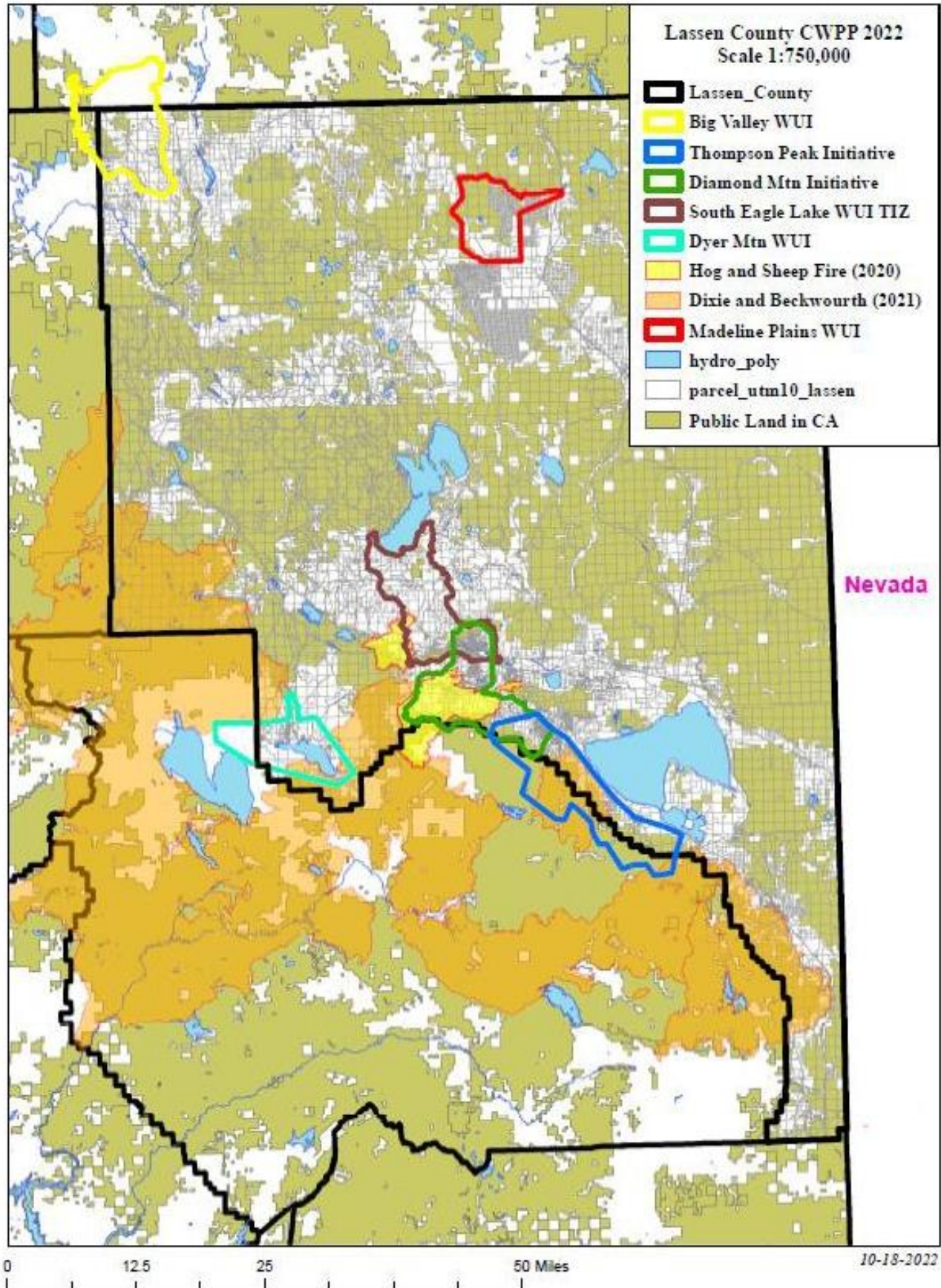
The Lassen County CWPP Work Plan ranks private land projects in a collaborative process that considers:

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”*<sup>1</sup>, and;
2. CalFire, Lassen Modoc Unit ranking criteria, and;
3. Input from all Annual CWPP Work Plan participants; Annual ranking is adopted by consensus.

The 2022 Ranked Projects are primarily the same as on the 2021 Rankings, but ranking has been reordered. Additionally, there were three new projects added for a total of eighteen projects: Dixie West Reforestation, Mountain Meadows & SIR Reforestation, Dixie East & Beckwourth Reforestation. **Projects with yellow highlighting need review and updating.** For 2023, we intend to have the Ranked Projects be the main focus of the CWPP, ensuring they continue to progress. We also want to be sure that the project rankings reflect the most critical projects to support a comprehensive, cooperative, integrated plan to better protect our communities. This will require regular collaboration throughout the year among agencies on these projects for both planning and funding, so that each year we can document progress towards completion. It may also mean additions and deletions from this list as the working group analyzes these projects based on new emphasis.

2022 Lassen County CWPP Ranking Worksheet														
CWPP Ranking	Project	Community Involvement	Probability of Success	Collaboration	Sustainability	Match	% of Match Available	Total CWPP Criteria Points	CAL FIRE History	CAL FIRE Threat	CAL FIRE Response	CAL FIRE Proximity	CAL FIRE Scores	Combined Scores
1	Cheney Creek Fuel	5	5	5	5	5	100	25					16	41
2	South Eagle Lake	5	5	5	5	5	100	25					14	39
3	Thompson Peak Initiative	5	5	5	5	5	100	25					12	37
4	Doyle	3	4	5	3	2	40	17					17	34
5	Dyer Mountain Initiative	5	5	5	5	5	100	25					7	32
5	Madeline	2	4	4	3	5	100	18					14	32
5	Little Valley	3	5	5	5	5	100	23					9	32
6	Dixie East & Beckwourth Reforestation	5	5	3	3	2	100	18					10	28
7	Big Valley Mountain	5	5	5	4	3	60	22					5	27
7	Diamond Mountain Initiative	5	2	3	2	5	100	17					10	27
8	Spaulding	5	3	3	5	2	40	18					8	26
9	Dixie West Reforestation	5	5	3	3	2	100	18					7	25
10	Ash Valley III	1	3	1	5	5	100	15					9	24
11	McBride Springs	1	2	2	5	5	100	15					8	23
11	Hog Sheep Fire Reforestation	5	5	3	3	2	100	18					5	23
12	McClelland	3	3	1	3	5	100	15					7	22
12	Mountain Meadows & SIR Reforestation	5	5	3	3	2	100	18					4	22
13	Letter Box	1	4	3	5	1	20	14					7	21





WUI Area: Susanville

Funding: Planning, Not Funded

Number of Acres: N/A

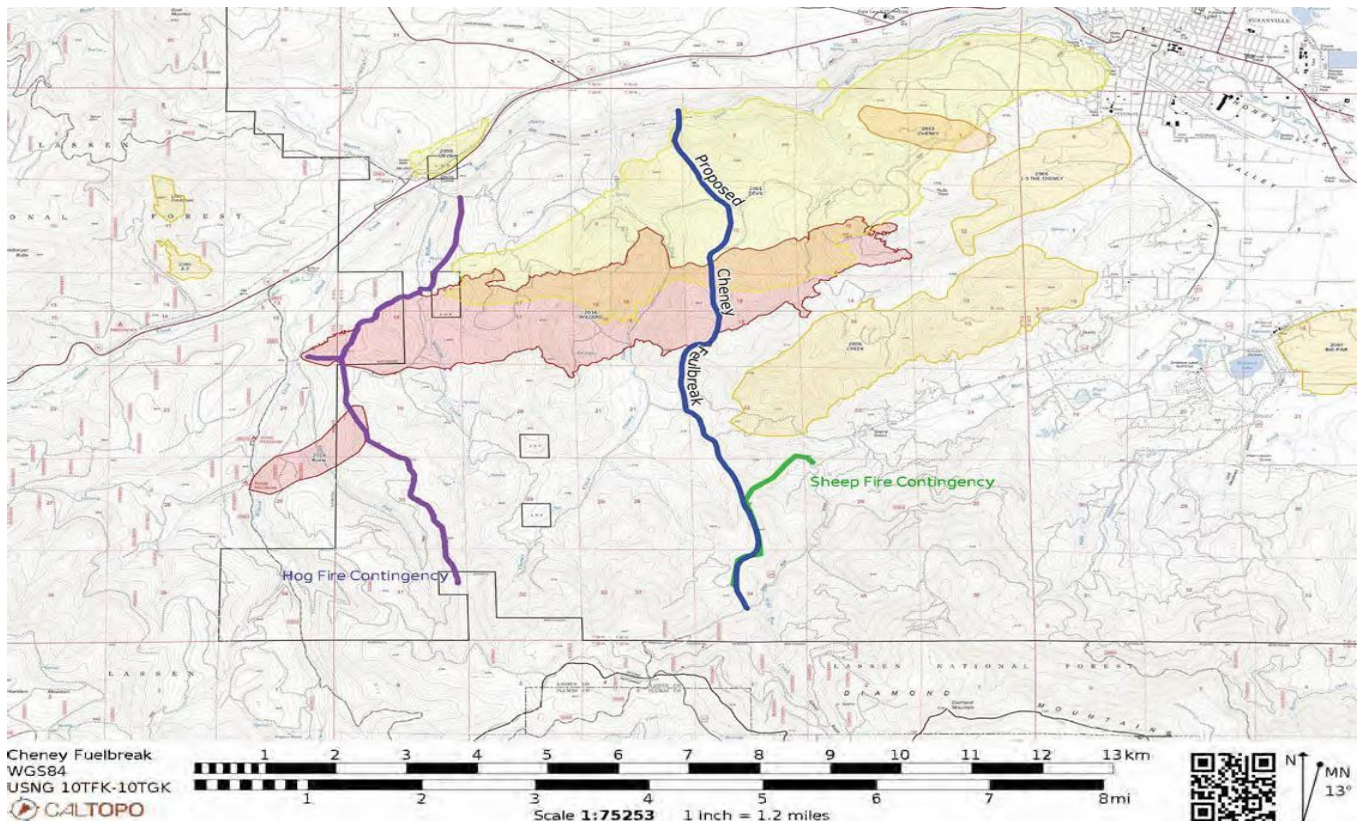
Agencies: CALFIRE, LFSC, Private Landowners, BLM

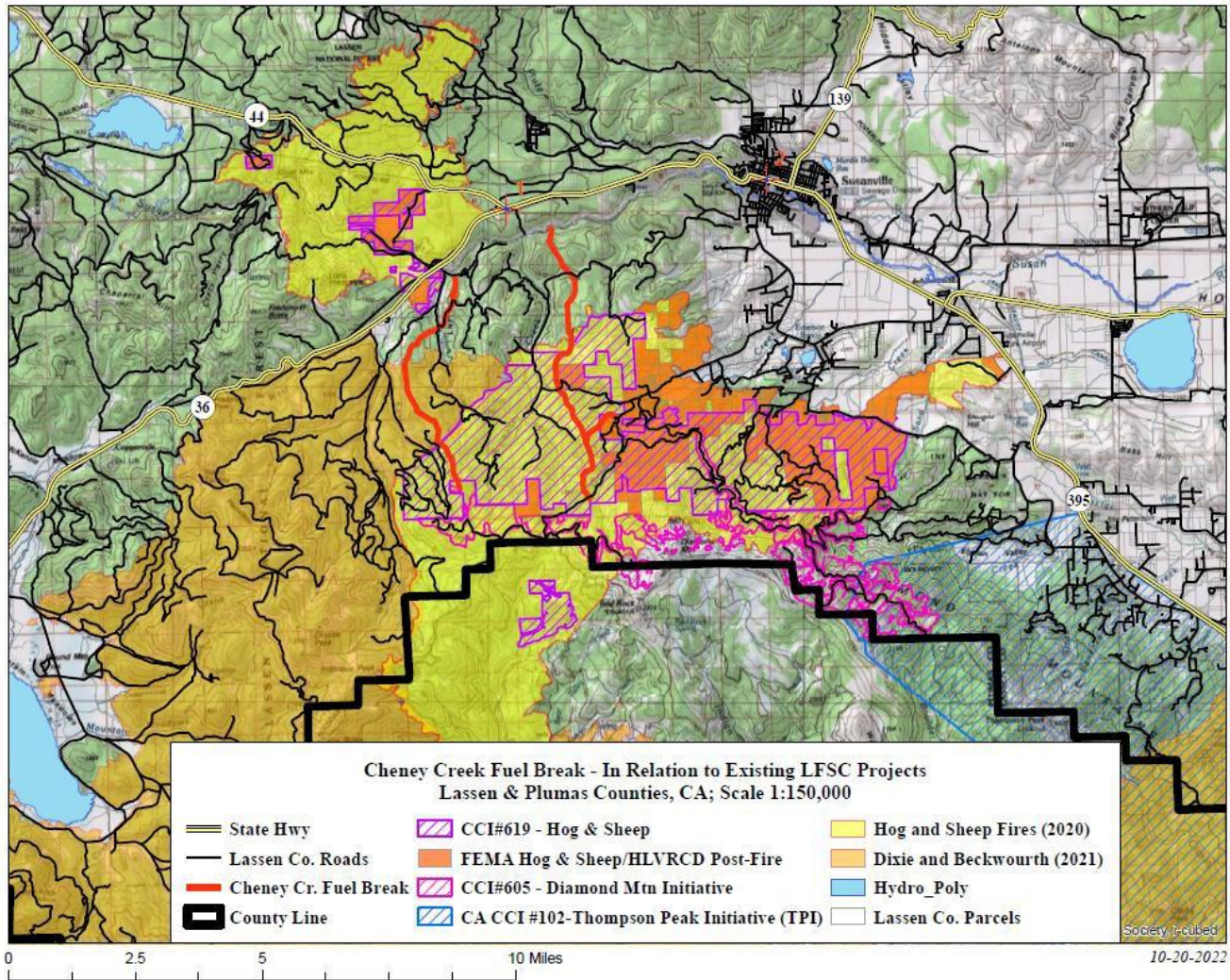
Name: **Cheney Creek Fuel Break**

Project Coordinates: 40.3524 120.7338

**Summary of Project:** The Cheney Creek project is a critical project that will create a fuel break approximately 6 miles in length spanning from Susan River south to Gold Run Road, with the intention of stopping the spread of fire into the community of Susanville. It has moved from #3 on the 2021 rankings to #1 on the 2022 rankings after the Dixie, Hog & Sheep fires. A large portion of this project will focus on thinning, pruning and treatment of ground fuels through the Devil Fire and Willard Fire plantations on private industrial timberland. A small portion of the project may also involve BLM lands. Treatment options will include both mechanical and hand treatments, as well as prescribed fire after. Cal Fire will initiate the formation of a working group of the involved agencies, which LFSC will facilitate, to determine feasibility, scope/acreage, budget, and timeline for completion. This will be the first step in a comprehensive plan to protect the community of Susanville.

Project Map:





WUI Area: South Eagle Lake/Susanville Funding: Partially Funded

2022 Implementation Number of Acres: 5737

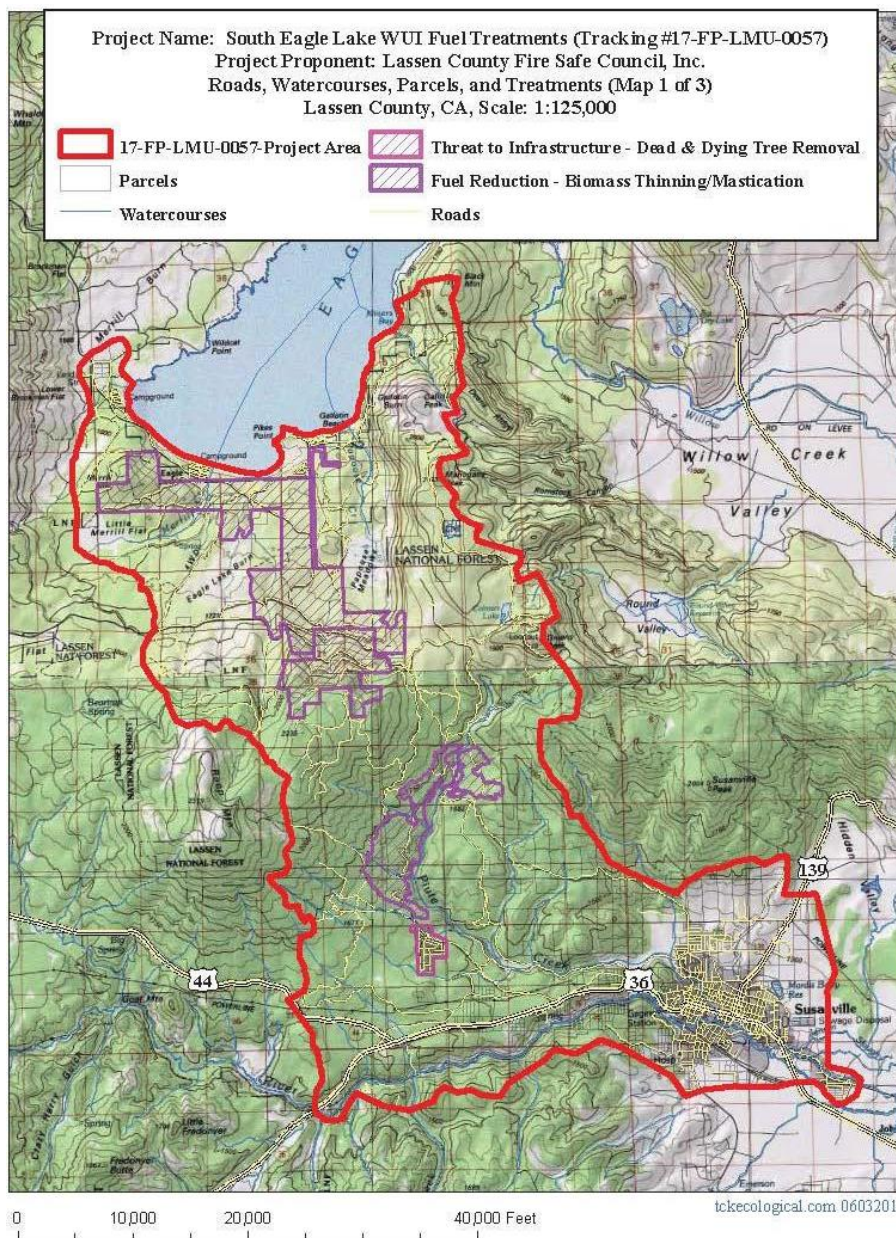
Agency or Agencies: LFSC, WMB, SPI, CAL FIRE, HLVRCD, CALTRANS

Project Name: **South Eagle Lake/Lake Forest, Forest & Watershed Restoration**

Project Coordinates: 40 32 22 120 47 1

**Summary of Project:** Additional Biomass thinning of plantations and native forests, mastication and emergent brush treatments to restore forest and watershed as well as removal of trees around structures in the Lake Forest community may be applied for. Project merged our previous Eagles Nest and North Susanville projects.

Project Map:



WUI Area: Susanville, Janesville, Milford      Funding: Partially Funded

Funded Implementation

Number of Acres: 60,000+

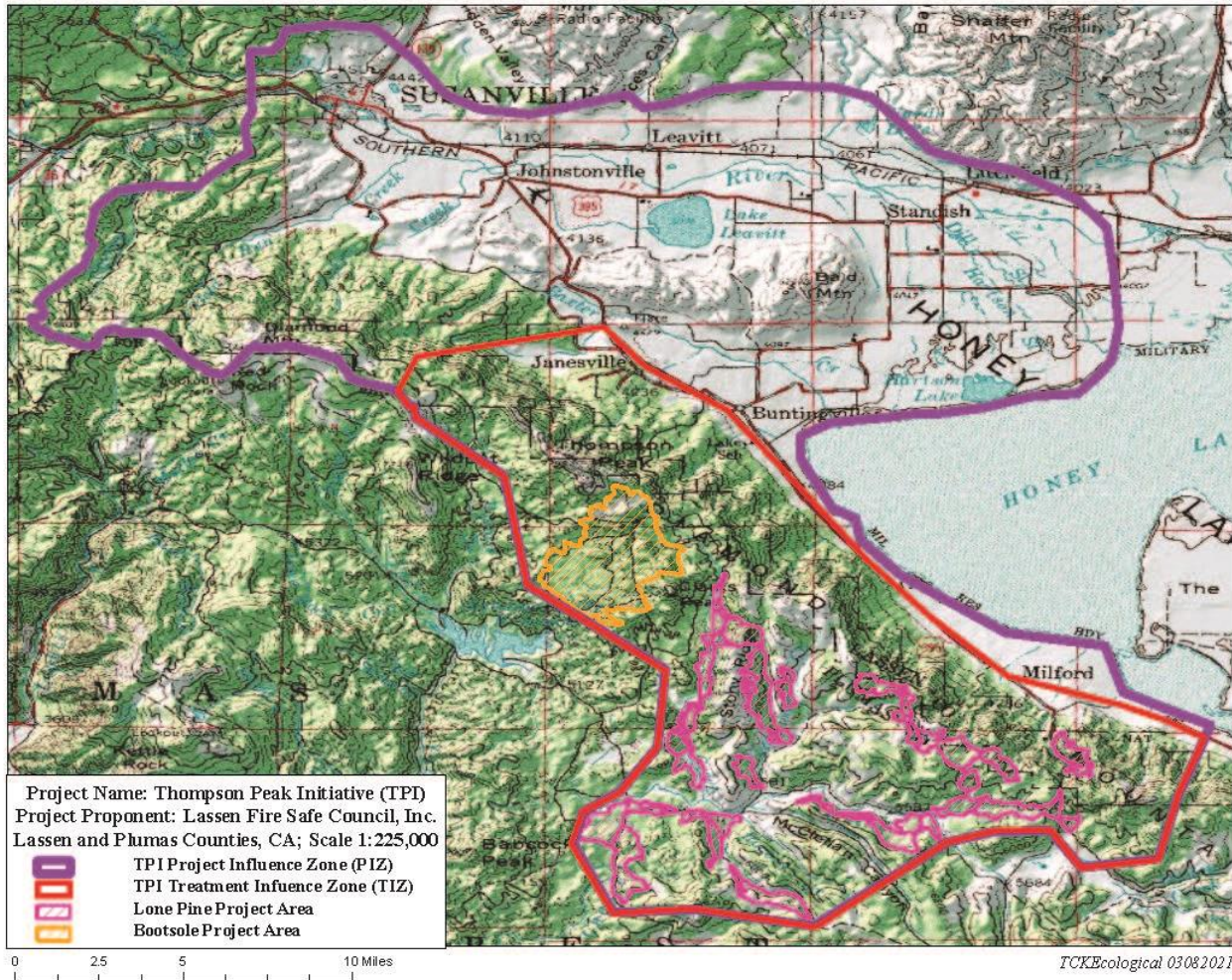
Agency or Agencies: LCSC, SIR, Janesville, Milford, HLVRCD, PNF, CALFIRE, SNC

Project Name: **Thompson Peak Initiative (TPI)**

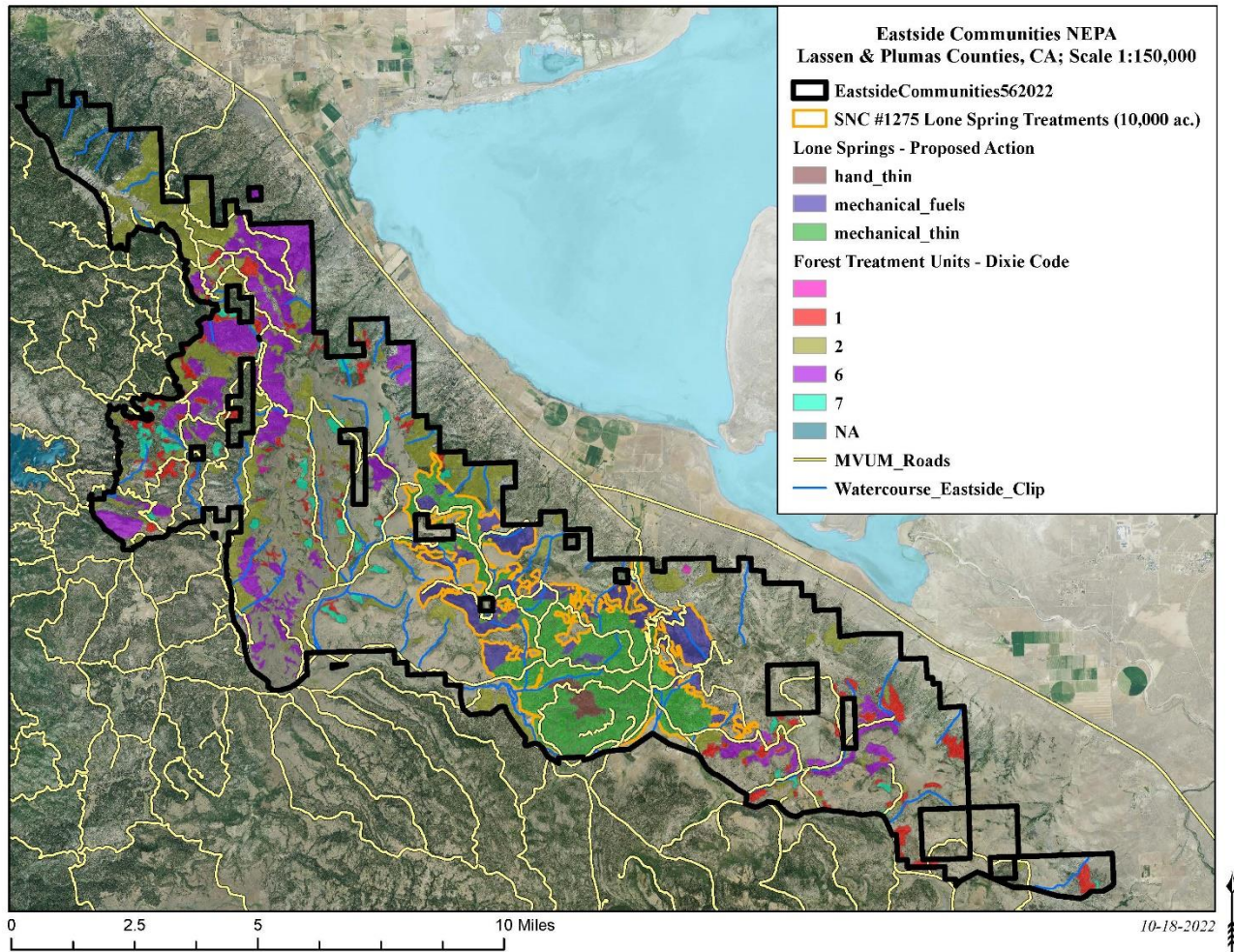
Project Coordinates: N40.26777 W120.49461

**Summary of Project:** The original project has been expanded to 60,000+ acres of NEPA planning (Lone Spring 1275/ Eastside Communities) & fuel reduction treatments (Bootssole 1305, TPI 122). Thompson Peak Initiative combines the Calfire CCI Wildfire Prevention Grant Thompson Peak Initiative 122, SNC Bootssole project 1305, & SNC 1275/Plumas National Forest Eastside Communities project. Fuels reduction, mastication, and hand thinning have been completed and are ongoing. The planned future treatments include developing defensible space around homes and implementing landscape scale fuel treatments along with reforestation treatments of the Dixie Fire. 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. Dead and dying trees will be removed and areas reforested where applicable. Biomass utilization of material would be used to reduce costs. Project had previously merged the Janesville, Milford, Lone Spring Projects.

Project Map: Thompson Peak Initiative (TPI) -122 and Bootssole 1305



Project Map: TPI - Pre-Planning Activities for Future Treatments - Eastside Communities Protection / SNC 1275



WUI Area: Doyle

Funding: Planning/Partial Funding

2022 Planning

Number of Acres: N/A

Agency or Agencies: LFSC, PNF, BLM

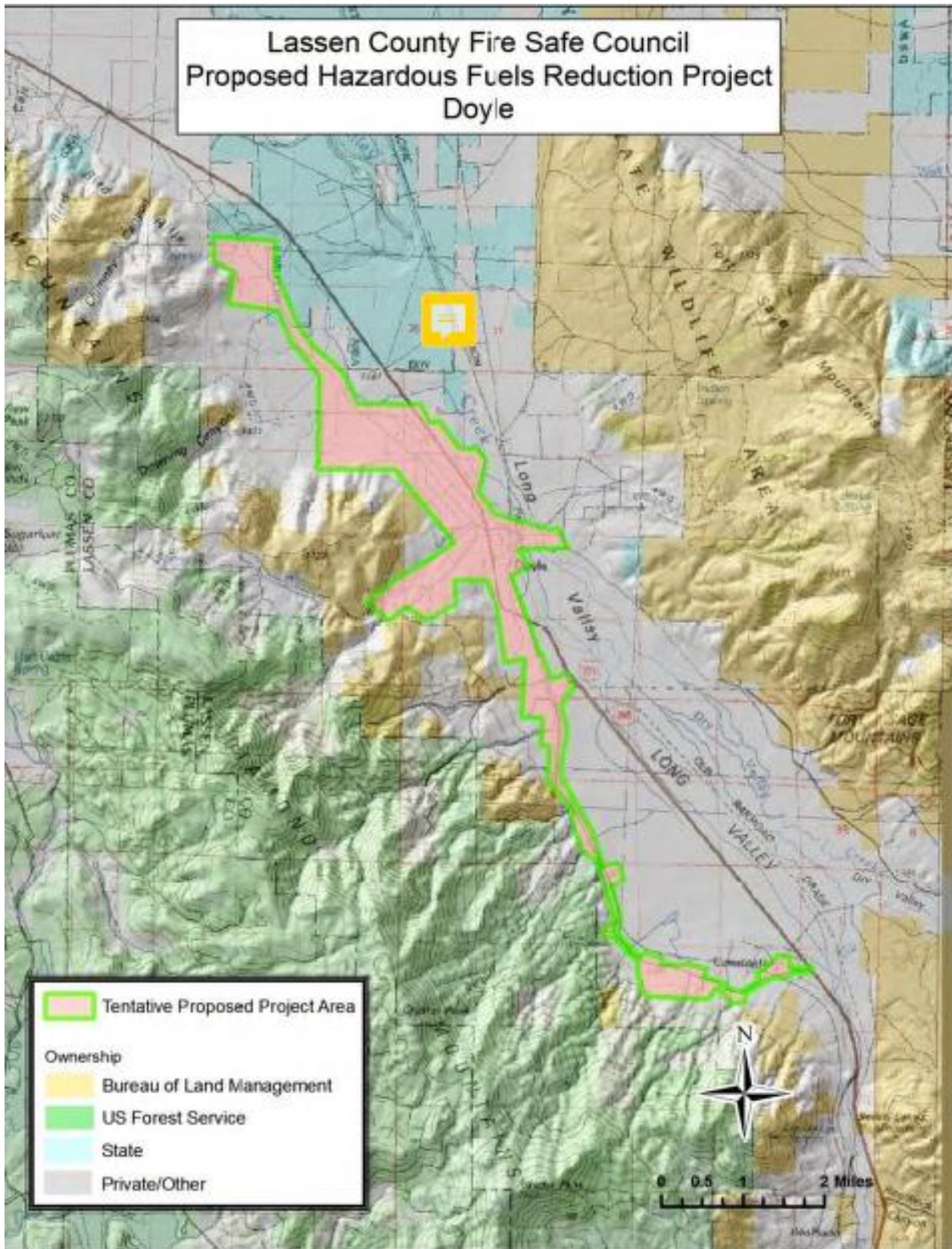
Project Name: **Doyle Fuel Treatments and Risk Assessments**

Project Coordinates: N40.0273 W120.1030

**Summary of Project:** LFSC, in conjunction with PNF and BLM, is in the initial planning stage of assisting the community of Doyle in 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. LFSC secured funding for assessment & certification of Doyle as a Firewise Community through CFSC County Coordinator grant. Risk Assessments in the Home Ignition Zone/structural ignitability assessments would be conducted with community residents. LFSC will be making its initial contacts with community members and local fire department and will be seeking funding opportunities for identified project work.



Project Map: Doyle Fuel Treatments and Risk Assessments



WUI Area: Westwood-Clear Creek

Funding: Funded

2022 Implementation

Number of Acres: 5699

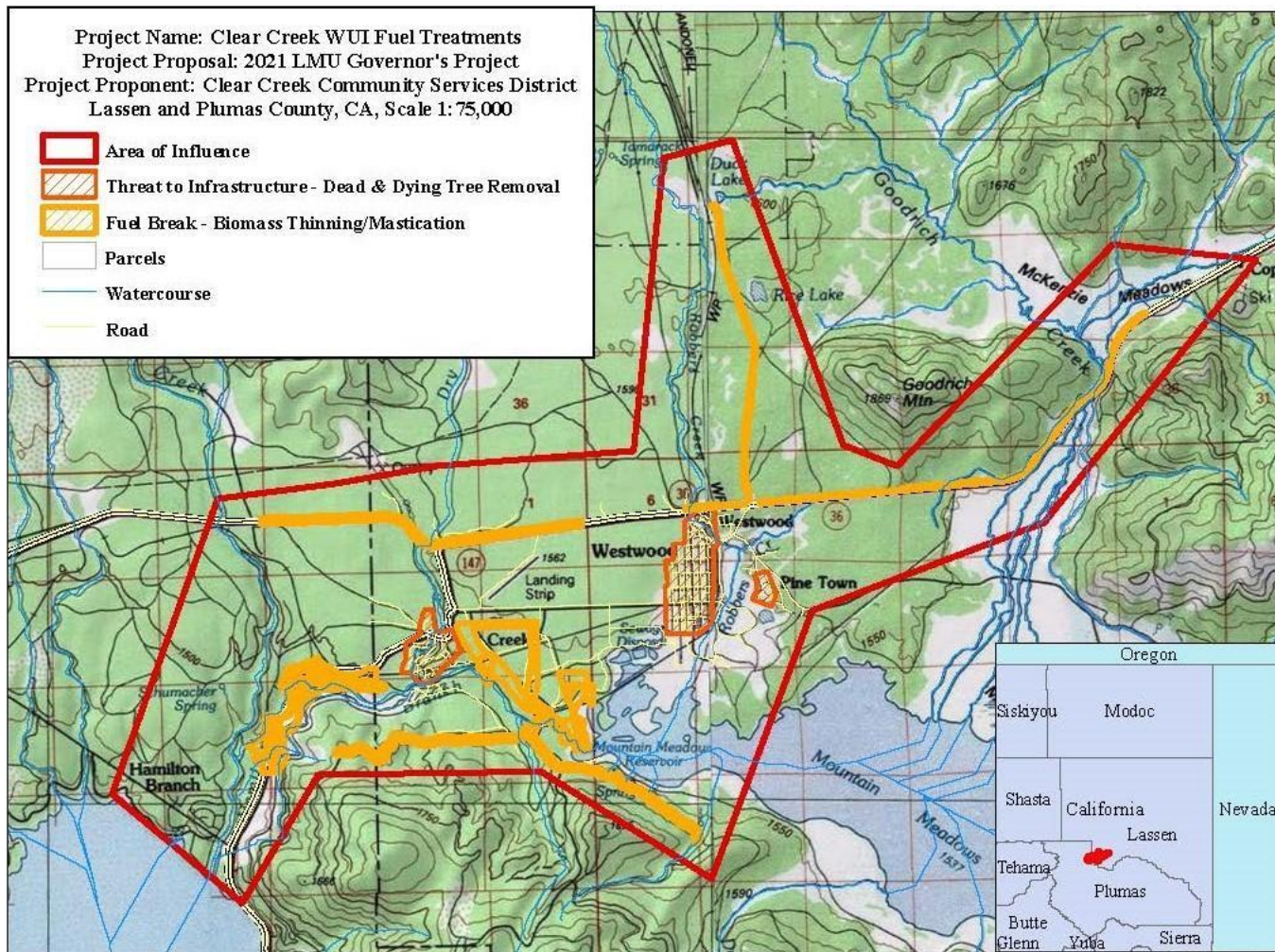
Agency or Agencies: LFSC, SPI, WM Beaty, CALFIRE, PG&E, Clear Creek & Westwood CSD

Project Name: **Dyer Mountain Initiative**

Project Coordinates: N40.29628 W121.05017

**Summary of Project:** LFSC has completed over 1,554 masticated acres and 2,012 acres of biomass utilization fuel treatments for the project to date. This project also incorporates a portion of the Clear Creek /Hog Flat Calfire direct grant 112. Clear Creek community treatments are mostly completed. Pinetown treatments are on-going. Partners include: Clear Creek & Westwood CSDs, CALFIRE, SPI, WM Beaty & Associates, Collins Pine Company, and PG&E. Brush fuels will be masticated where they pose a threat to homes and/or are within potential evacuation corridors. LFSC will also perform additional Risk in the Home Ignition Zone/structure ignitability assessments with community residents, provide additional treatments around homes and construct additional fuel breaks. Additional treatments that have been funded by CALFIRE CCI grant 102 that will be implemented in 2023 are mastication, thinning and community hazard/ property hardening treatments.

### Project Map: Dyer Mountain Initiative



**WUI Area: Madeline**

Funding: Planning/Not Funded

2022 Planning

Number of Acres: 8,718

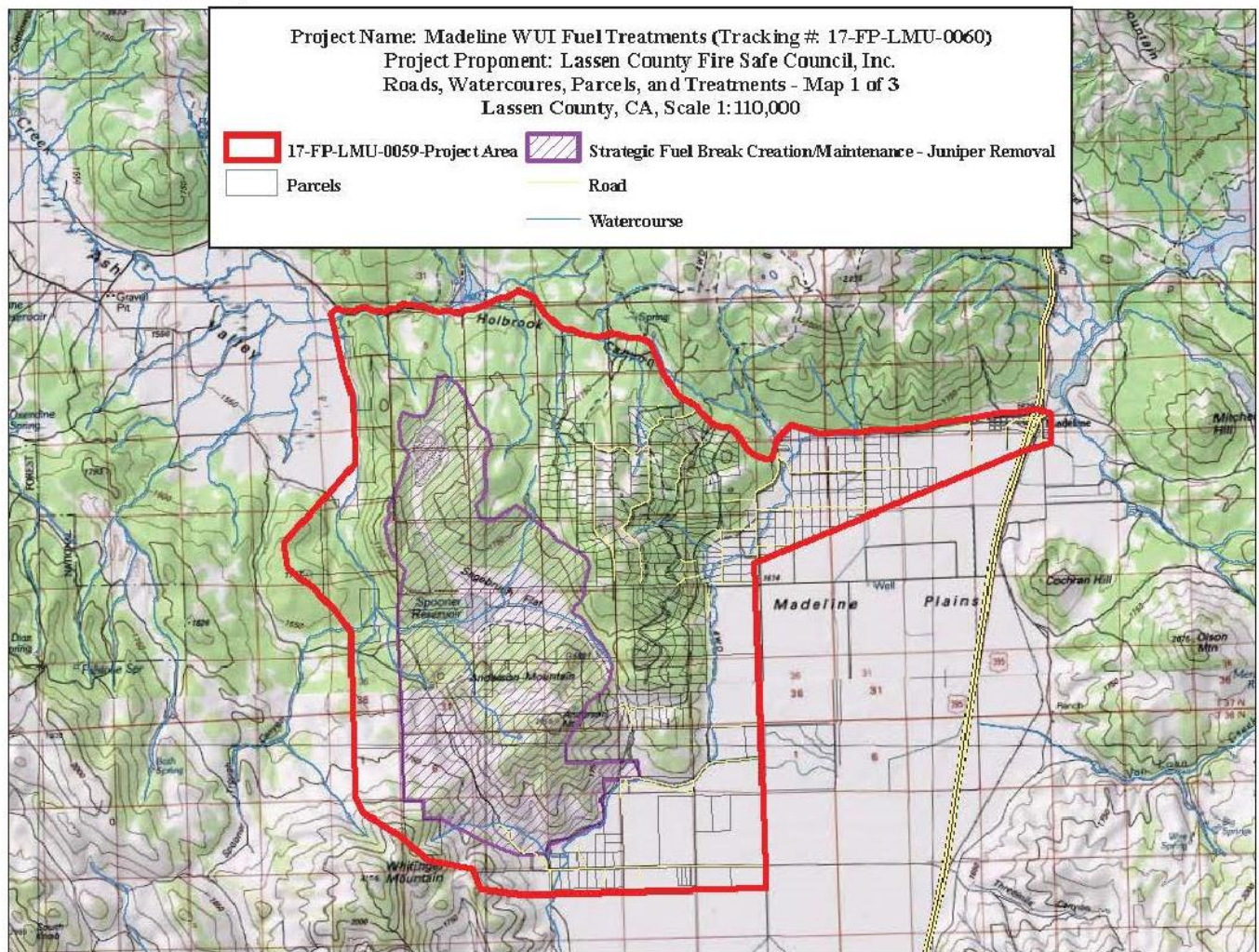
Agency or Agencies: LFSC, PRCD, CALFIRE, BLM-AFO

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 merges our previous Ash Valley IV and Spooner Reservoir projects. At present, there is no designated funding for, or agency charged with establishing the Firewise community

Project Map:



tkeecological.com 06032018

**WUI Area: Little Valley**

Funding: Partially Funded

2022 Implementation

Number of Acres: 100

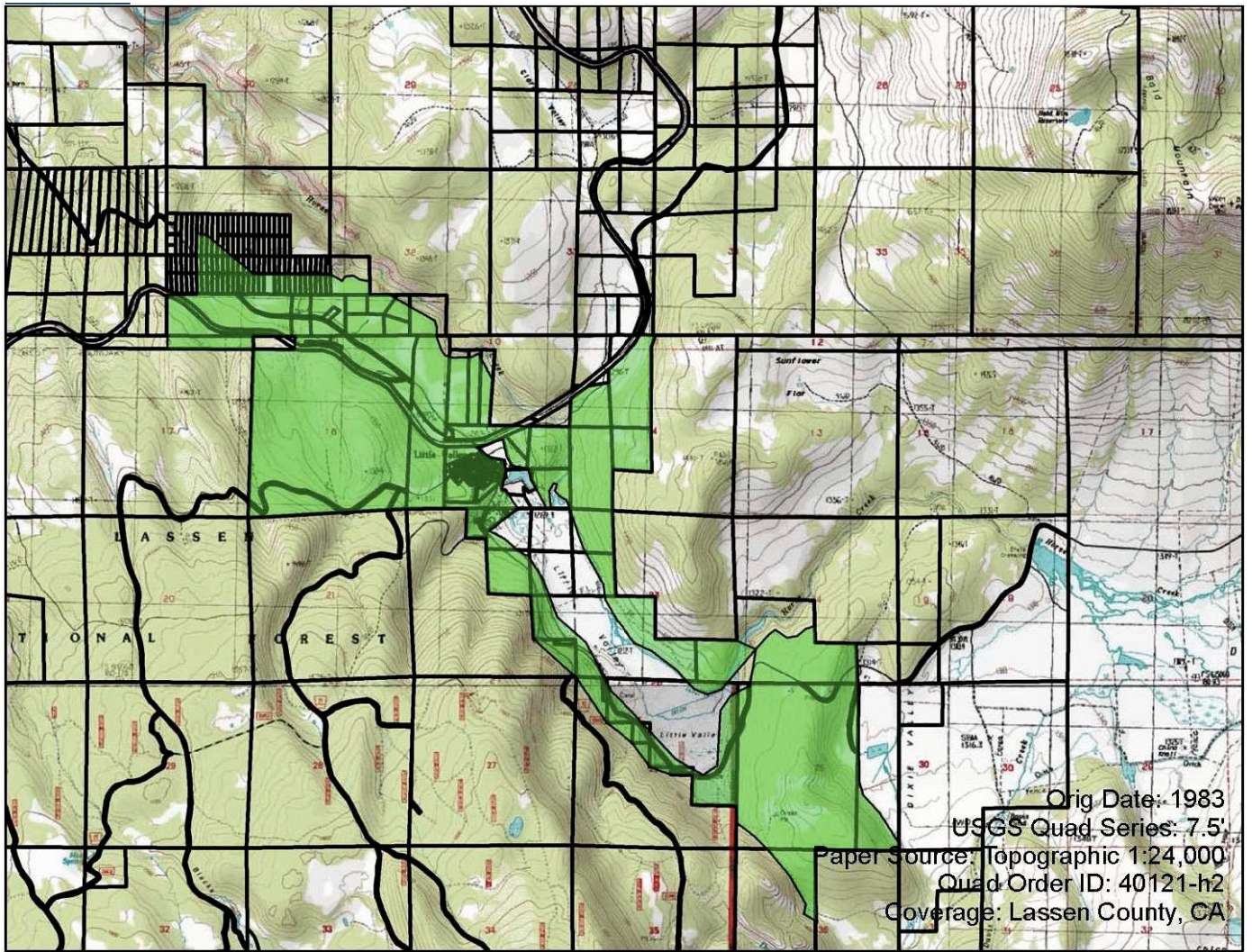
Agency or Agencies: LFSC, Cal Fire, PG&amp;E, USFWS, Little Valley CSD

Project Name: **Little Valley Forest & Meadow Restoration Project**

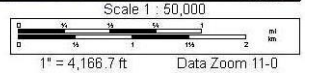
Project Coordinates: N40.8938 W121.1815

**Summary of Project:** LFSC has received partial funding for this project. We are seeking funds to complete the project. Primary work will be the removal of invasive western juniper and forest thinning in overstocked pine stands. 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 may also include prescribed fire follow-up/maintenance of previously completed treatments. This project is currently dormant and will need follow-up in 2023 to assess viability of project. Ongoing efforts to secure equipment and funding to support the local volunteer fire department.

# Project Map: Little Valley Forest & Meadow



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WUI Area: Susanville, Janesville, Milford, Doyle  
 2022 Implementation

Funding: Not awarded  
 Number of Acres: 5,000

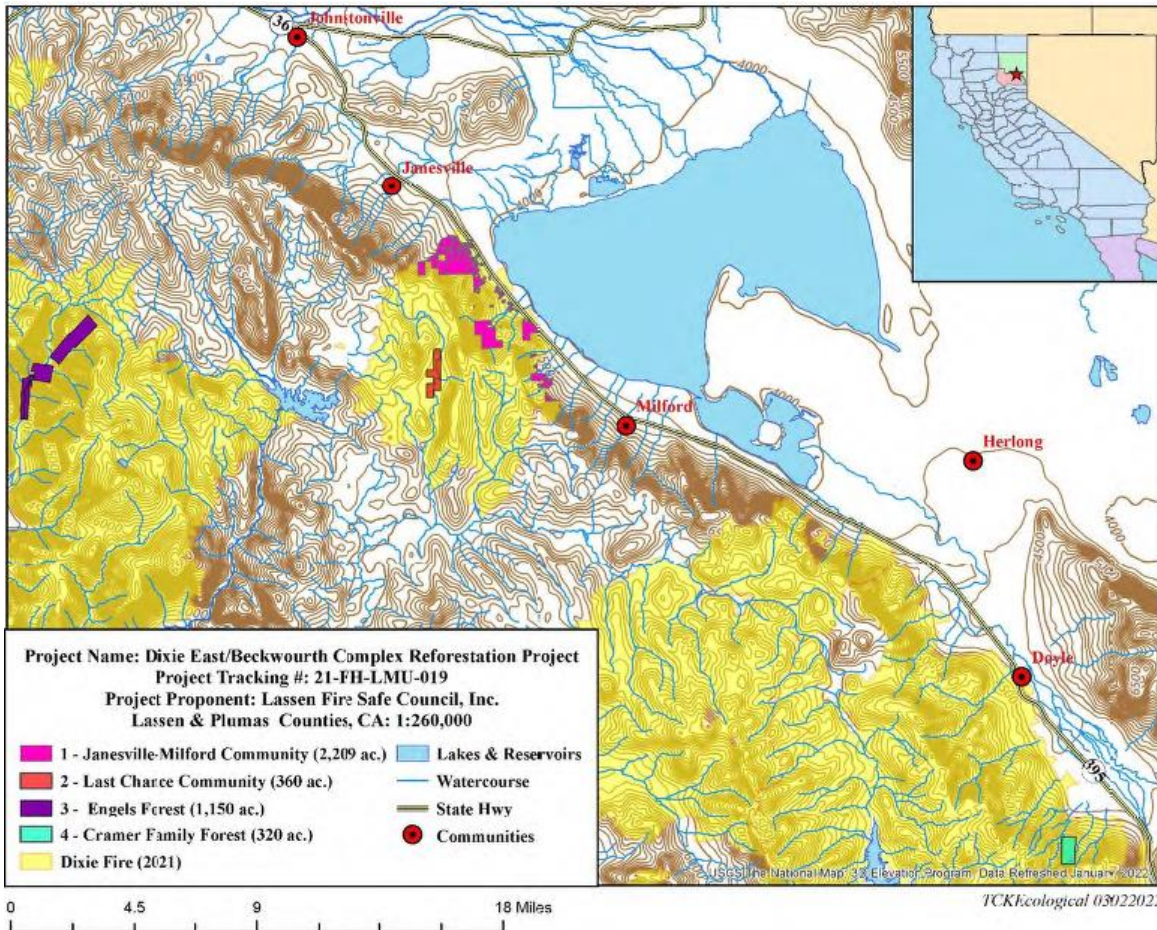
Agency or Agencies: LFSC, HLVRCD, WM Beaty

Project Name: **Dixie East & Beckwourth Fires Reforestation**

Project Coordinates: 40.143 120.542

**Summary of Project:** LFSC had applied for CAL FIRE Reforestation funds in the eastern footprint of the Dixie & Beckwourth Fires. In May, LFSC was notified it was not awarded the grant to fund this project. Activities include the biomass removal and mastication of burned trees, emergent brush treatments and tree planting. The Project Area encompasses approximately 300,000 acres but the request to date only covers 5,000 acres of private lands. LFSC will resubmit its application for grant funding in coordination with Honey Lake Resource Conservation District in 2023. Under a separate grant, Honey Lake RCD is working on a portion of the project.

Project Map:

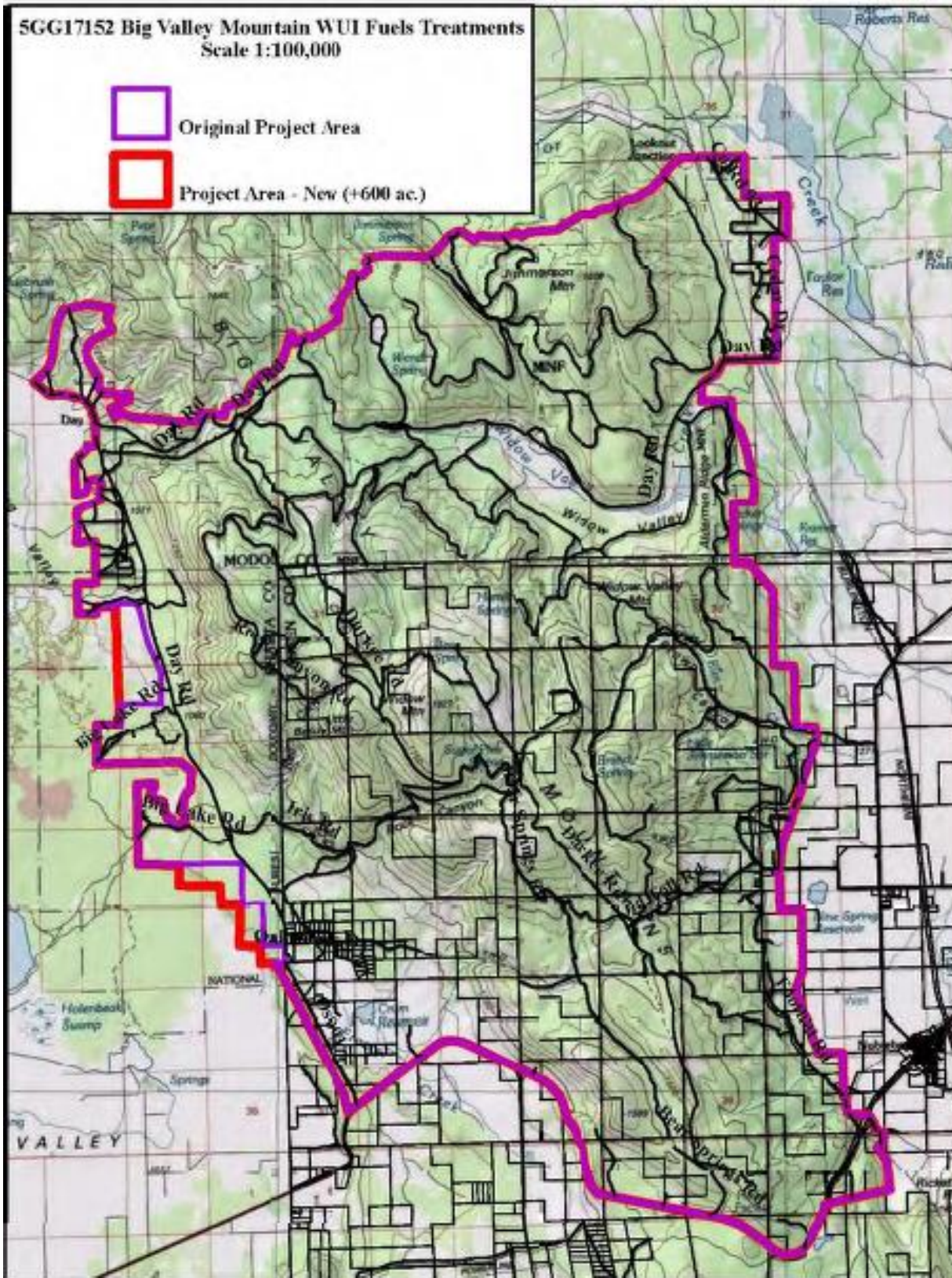


WUI Area: Day/Lookout/Big Valley                      Funding: Closed & completed  
2022 Implementation                                      Number of Acres: 13,400  
Agency or Agencies: LFSC, SPI, WM Beaty, CAL FIRE  
Project Name: **Big Valley Mountain WUI Fuel Treatments**  
Project Coordinates: -121.232 41.067

**Summary of Project:** Project completed Summer, 2022. This Cal Fire funded grant project for \$7,922,828.00 on Big Valley Mountain area covered 13,400 acres of hazardous fuel reduction and removal fuel treatments, including dead and dying trees, on private land within the SRA, primarily within the Very High and High Hazard Fire Severity Zones. The project will reduce wildland fire risk for 491 habitable structures within the 51,826-acre Project Area/Area of Influence. The vast majority of the project area lies within a Wildland Urban Interface Zone (WUI). The project merges and implements 3 previous CWPP projects: Day Lassen Bench, Lookout and Big Valley Mountain Fuel break.



Project Map: Big Valley Mountain WUI Fuel Treatments



WUI Area: Susanville

Funding: Fully Funded

2022 Implementation

Number of Acres: 7000

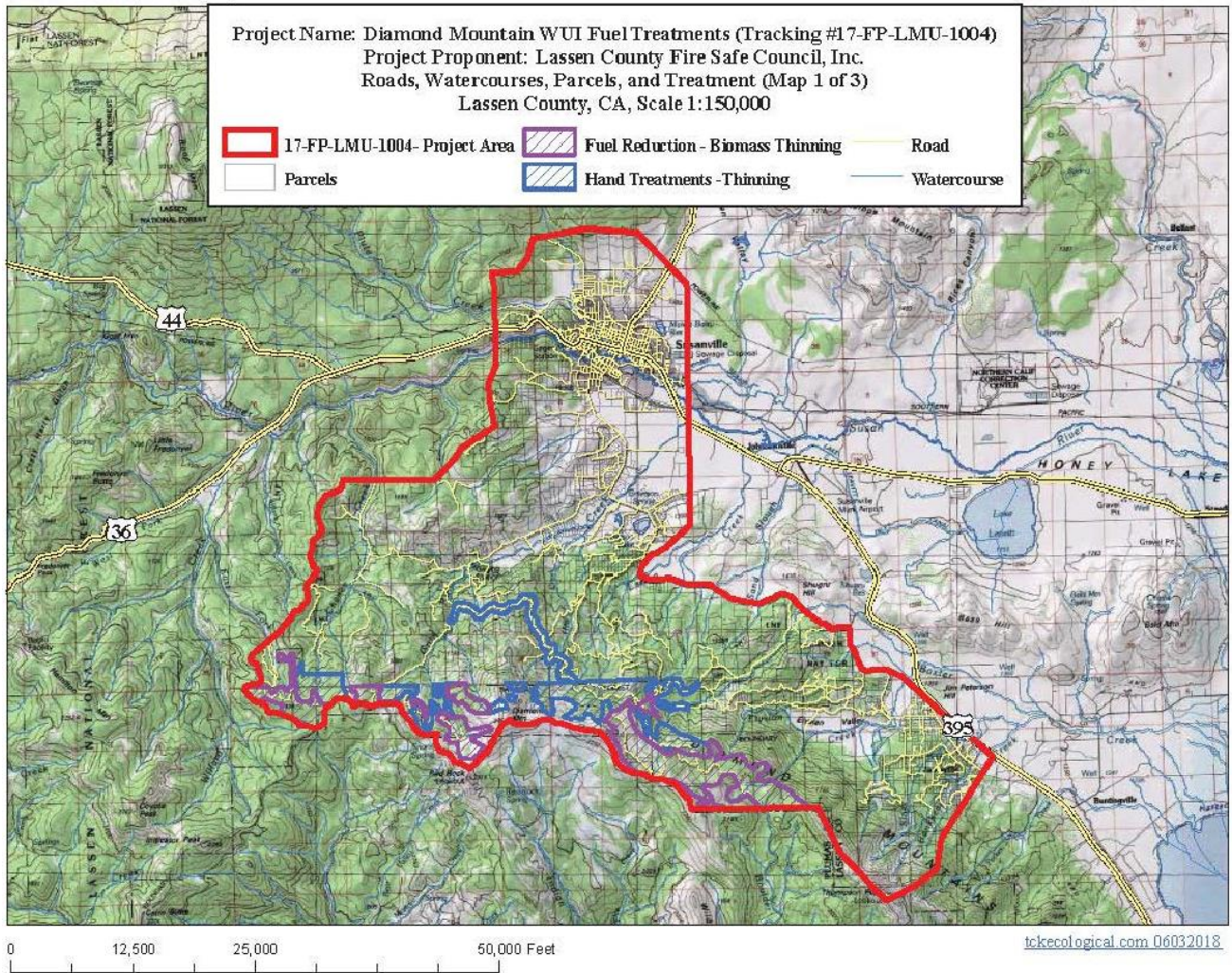
Agency or Agencies: LFSC, CAL FIRE, SNC, HLVRCD, USFS, WM Beaty, BLM

Project Name: **Diamond Mountain**

Project Coordinates: N40.3214 W120.6690

**Summary of Project:** LFSC will continue planning for fire line cleanup after Sheep Fire including mastication, hand treatments, & prescribed burn on an SNC grant; a collaborative fuels treatment project along and below Diamond Mountain south of Susanville. Work will tie in to work previously completed by LFSC, BLM and HLVRCD. Update- All mastication and most of hand work are completed. 448 acres of prescribed burning, aspen exclusion treatments, and follow up hand thinning remains, tentatively to be completed in 2023. The Cal Fire and SNC grants will be closed out when prescribed burning and additional hand thinning is completed. LNF will be the lead for USFS land and LFSC will be the lead for private land within the project area. Major project funding through Calfire and SNC.

### Project Map: Diamond Mountain



**WUI Area: Spaulding**

2022 Planning

Agency or Agencies: LFSC

Project Name: **Spaulding Fuel Reduction Planning and Risk Assessments**

Project Coordinates: N40.6573 W120.7759

Funding: Complete at present

Number of Acres: 40

**Summary of Project:** Update: Project is currently dormant until 2024. Risk assessment for Spaulding was completed in 2021 and there were "green waste" days completed in both 2020 and 2021. Spaulding does not need to have another risk assessment performed until 2026 as the current assessment is good for 5 years. They will however, have to do a new Action Plan in 2024. LFSC will be working with Spaulding Firewise Community leaders and Community Education contractor to ensure a supported and robust Firewise community. Work will complement previously completed work by LNF.

### Project Map: Spaulding Fuel Reduction Planning and Risk Assessments



WUI Area: Westwood                      Funding: Award of approx. \$5,000,000 Pending  
2022 Implementation                      Number of Acres: 5,000

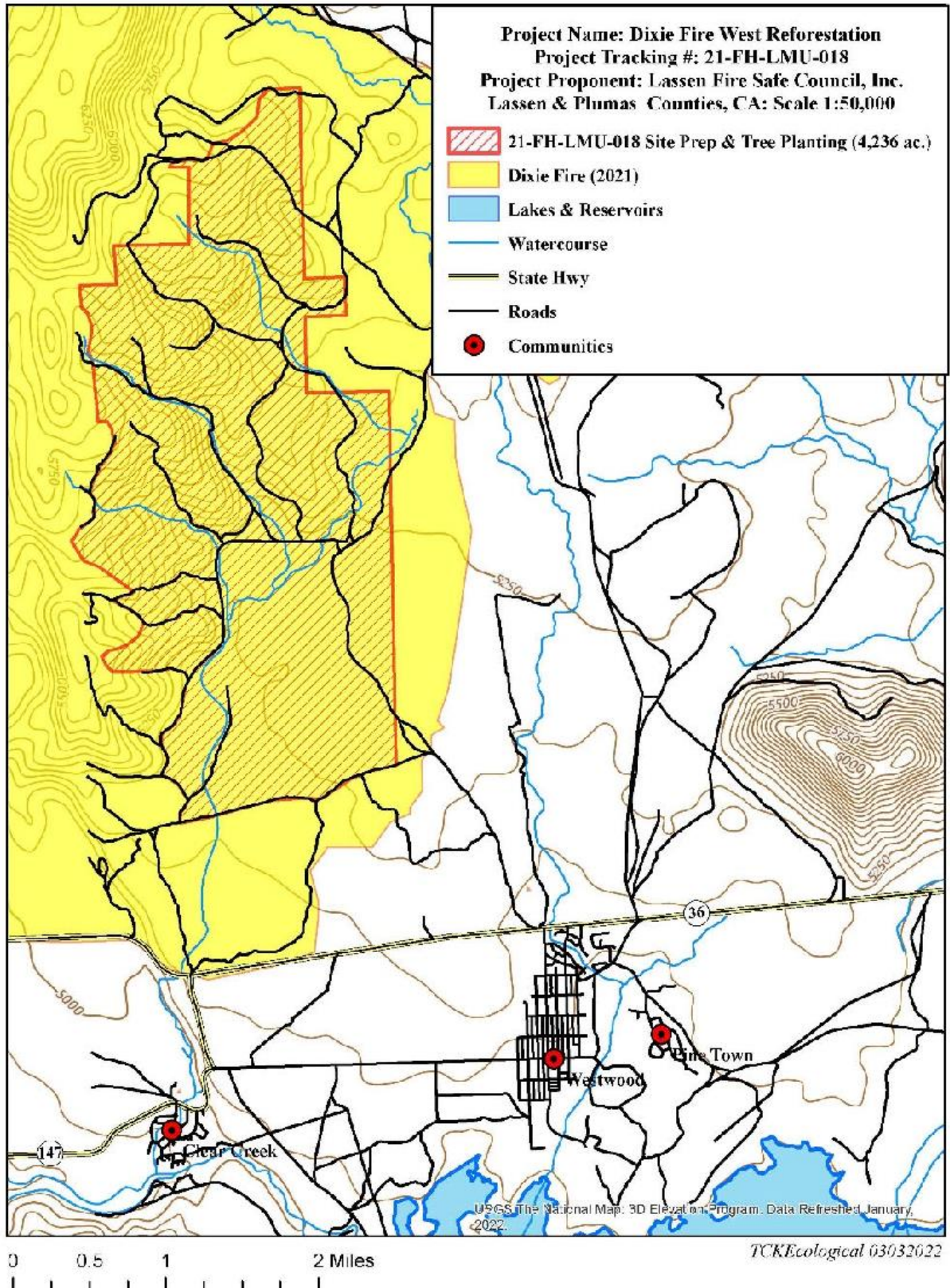
Agency or Agencies: LFSC, HLVRCD, WM Beaty

Project Name: **Dixie West Reforestation**

Project Coordinates: 40.3542 120.0430

**Summary of Project:** LFSC has applied CAL FIRE Reforestation funds in the western footprint of the Dixie Fire and grant award is pending Cal Fire audits. Activities include the removal of burned trees, emergent brush treatments and tree planting. The Dixie Fire area encompasses approximately 950,000 acres but the funding for this project covers 5,000 acres of private lands.

### Project Map: Dixie West Reforestation



**WUI Area: Ash Valley**

Funding: Partially Funded

2022 Implementation

Number of Acres: 500

Agency or Agencies: LFSC, BLM, CALFIRE

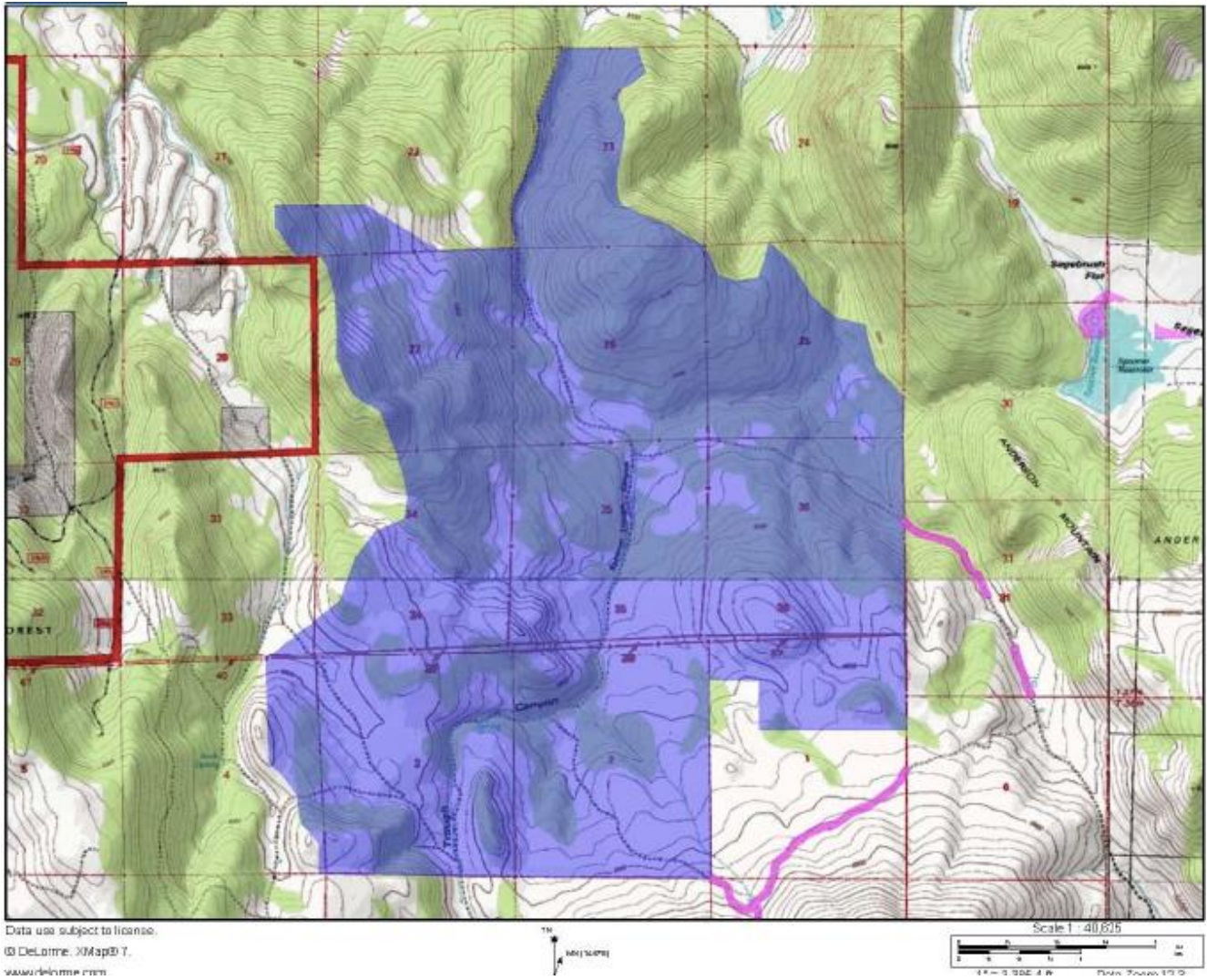
Project Name: **Ash Valley III Watershed Restoration Project**

Project Coordinates: N41.0047 W120.6750

**Summary of Project:** CSSRI has been implementing this watershed restoration project on private and BLM managed land since BLM completed NEPA in 2011. Partial funding has been obtained from Lassen RAC, NRCS, SNC, DWR, 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. The balance of the mechanical treatments await completion. Status unknown.



# Project Map: Ash Valley III Watershed Restoration Project



**WUI Area: McBride Springs DFPZ**

Funding: Planning/Not Funded

2022 Planning

Number of Acres: 743

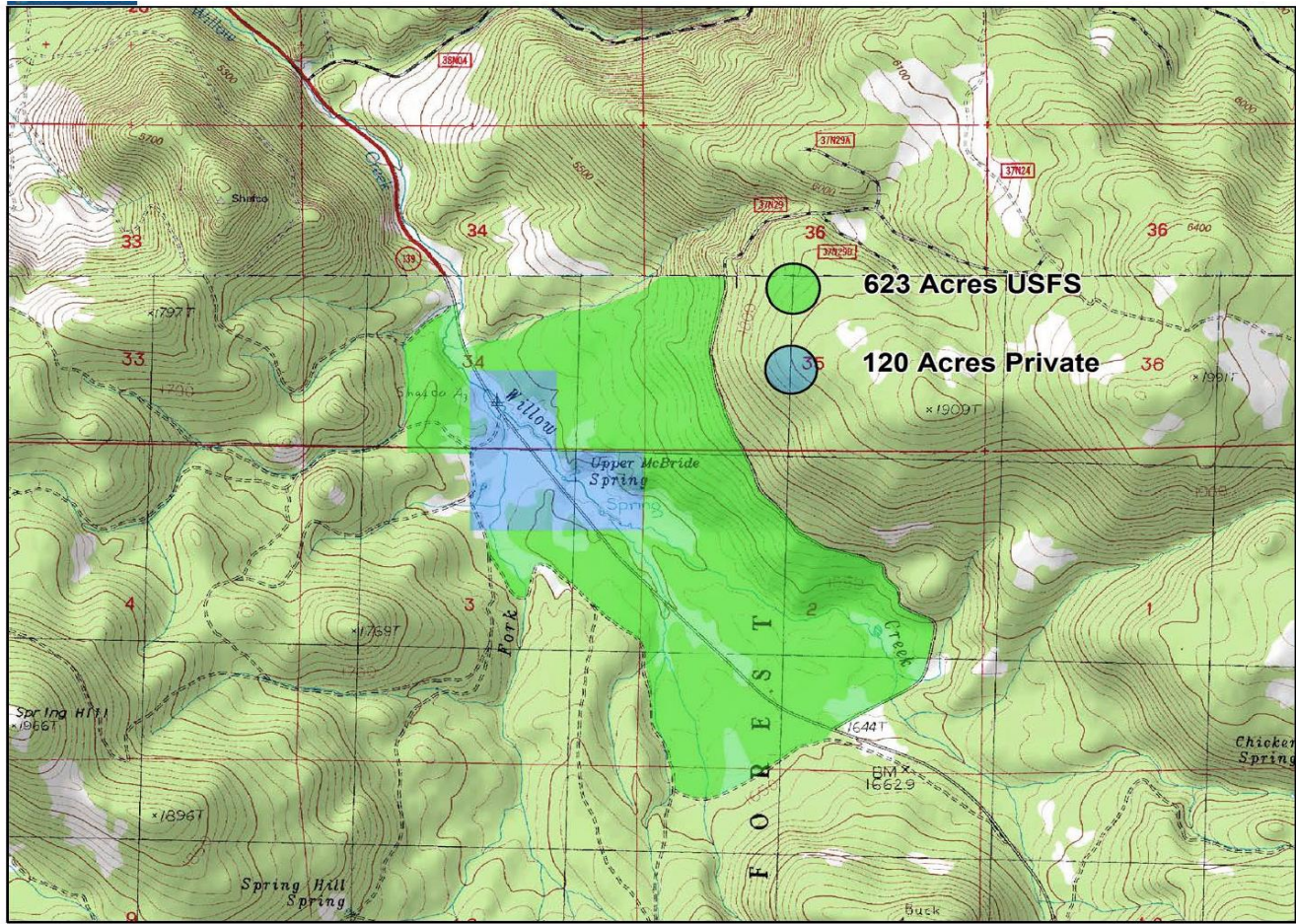
Agency or Agencies: LFSC, MDF

Project Name: **McBride Springs Upland Restoration**

Project Coordinates: N40.9919 W120.7978

**Summary of Project:** Mule Deer Foundation. CSSRI, through its partners LFSC & **Pit Resource Conservation District (Pit RCD)**, 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 (Pit RCD) as the lead, and funding partners. LFSC has checked with Pit RCD and they are unaware of this project. Consideration to drop from rankings in 2023.

# Project Map: McBride Springs Upland Restoration



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TN  
MN (14.6°E)

Scale 1 : 25,000  
1" = 2,083.3 ft Data Zoom 13-0

WUI Area: Susanville

Funding: Partially Funded

2021 Implementation

Number of Acres: 40,000

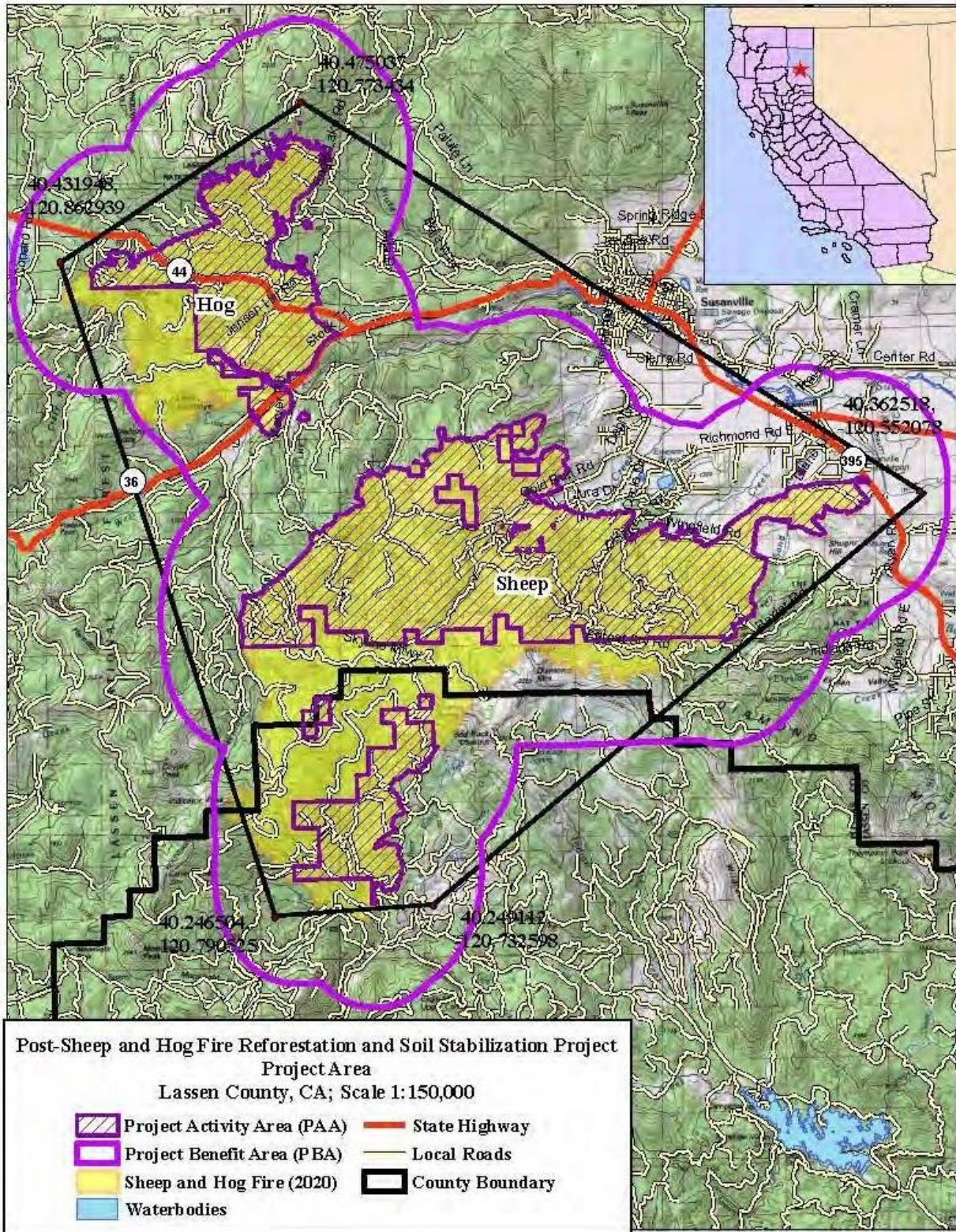
Agency or Agencies: LFSC, HLVRCD, WM Beaty, SPI, Cal Fire, Cal-OES, FEMA

Project Name: **Hog & Sheep Fires Reforestation**

Project Coordinates: 40.36252 120.55208

**Summary of Project:** LFSC has been awarded FEMA and Cal Fire California Climate Investments Reforestation funds in the footprints of the Hog & Sheep Fires. The Project Area encompasses approximately 40,000 acres but the request to date only covers portions of private lands. CCI grant 611 approx. \$5M; FEMA grant- \$80,000 to cover landowner sign-ups. Conducting phase I for FEMA- outreach to landowners and sign-up Fall 2022, anticipated sign-up completion November 30, 2022. CCI 611 grant has cleared several thousand acres to date with planting to begin spring 2023. Under a separate grant, Honey Lake RCD is working on a portion of the project removing dead and dying trees in preparation for reforestation.

### Project Map: Hog & Sheep Fires Reforestation



**WUI Area: Grasshopper DFPZ**

Funding: Planning/Not Funded 2022

Planning

Number of Acres: 2131

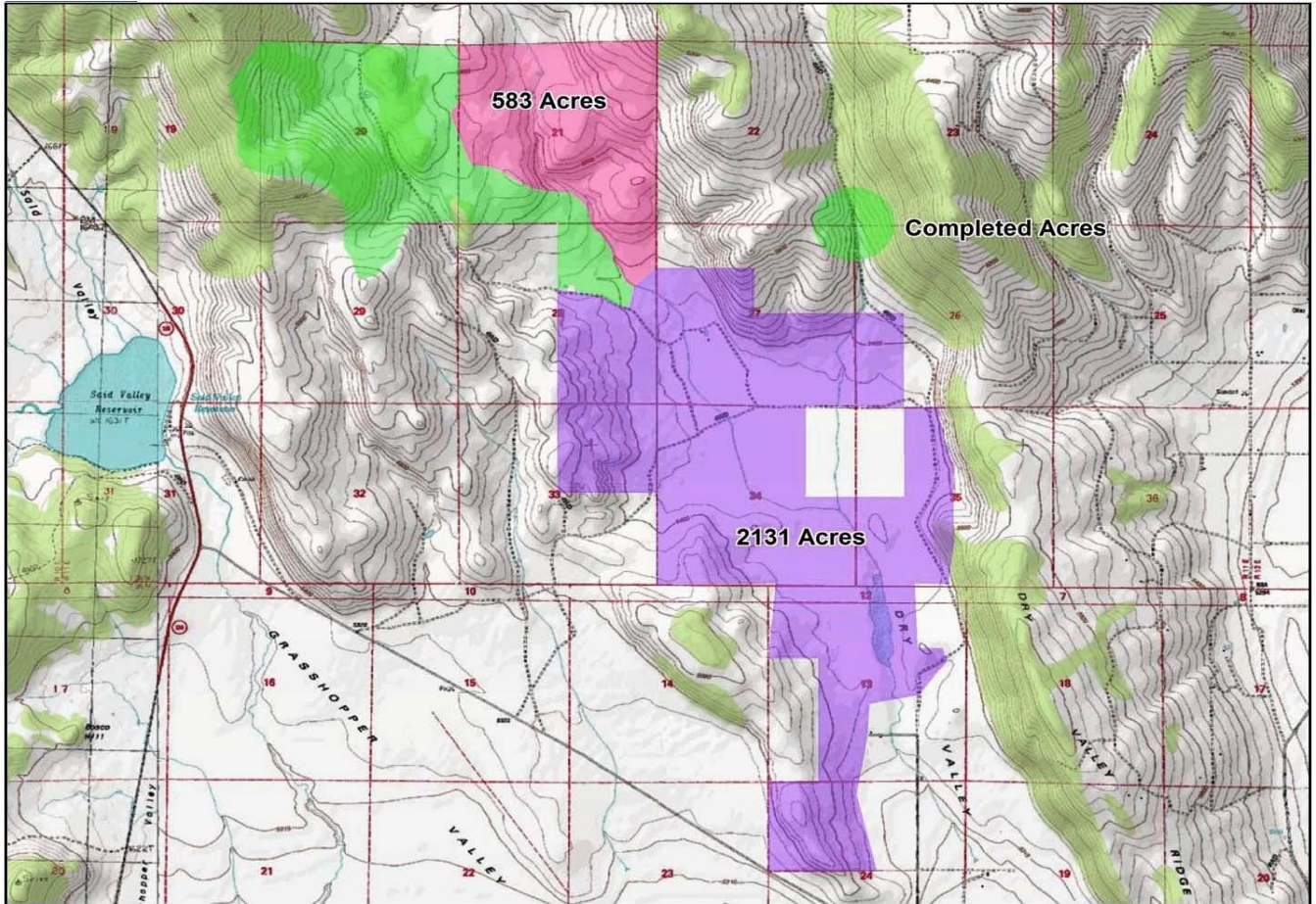
Agency or Agencies: CSSRI

Project Name: **McClelland Watershed/Wildlife Habitat Restoration Project**

Project Coordinates: N40.9199 W120.7020

**Summary of Project:** CSSRI, through its partners **Pit Resource Conservation District (Pit RCD)** & LFSC may make 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. LFSC has checked with Pit RCD and they are unaware of this project. Consideration to drop from rankings in 2023.

# Project Map: McClelland Watershed/Wildlife Habitat Restoration Project



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Scale 1 : 43,750  
1" = 3,645.8 ft Data Zoom 12-2

WUI Area: Westwood

Funding: Planning/Not Funded

2022 Implementation

Number of Acres: 4835

Agency or Agencies: LFSC, HLVRCD, WM Beaty, Collins, SNC

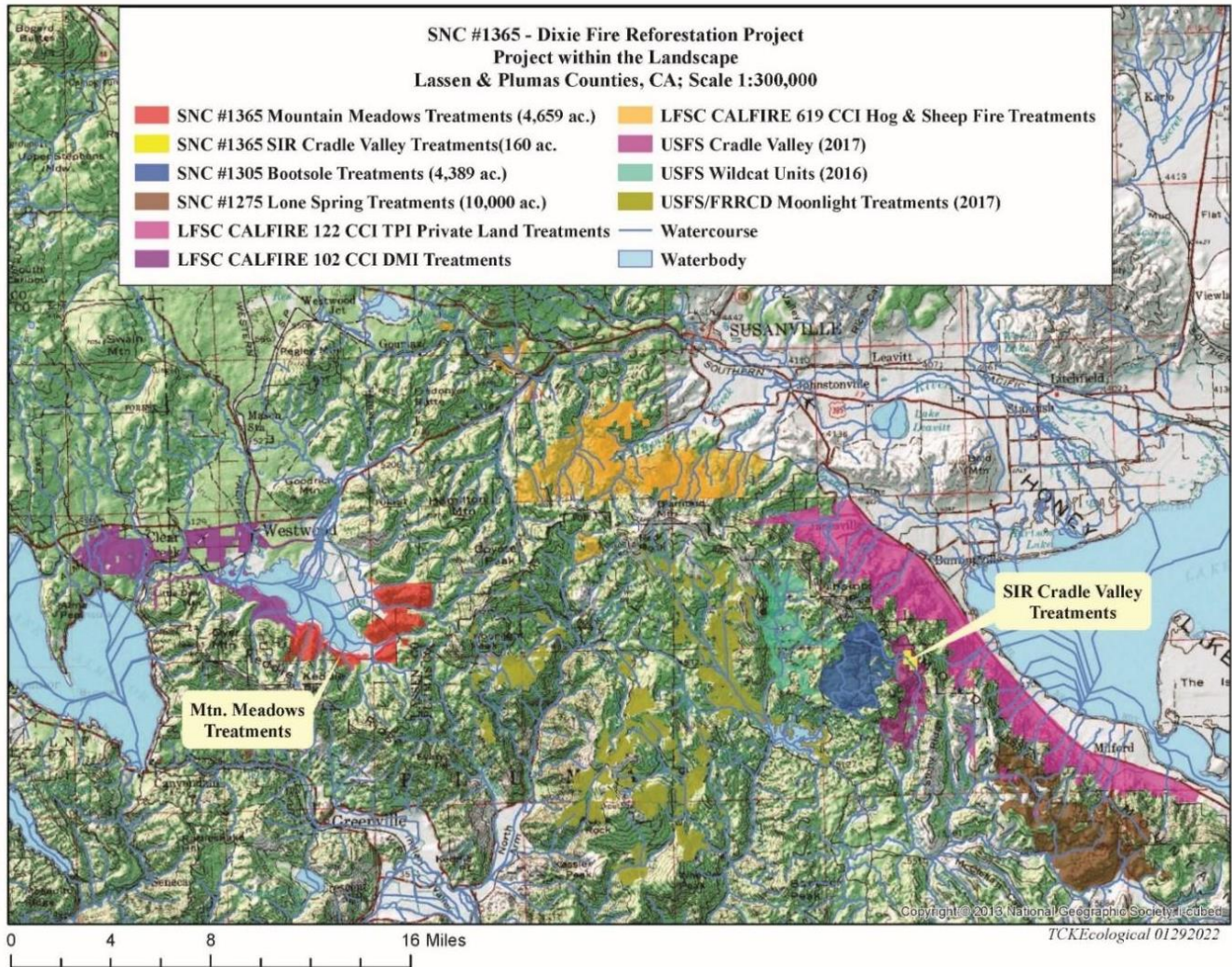
Project Name: **Mountain Meadows & SIR Reforestation**

Project Coordinates: 40.2227 120.8993

**Summary of Project:** LFSC had applied to Sierra Nevada Conservancy for this grant and it was not awarded as submitted. Reforestation funds in the footprint of the Dixie Fire. Activities include the removal burned trees, emergent brush treatments and tree planting, The Dixie Fire Area encompasses approximately 950,000 acres but the funding for this project covers 5,000 acres of private lands. In response to SNC feedback, LFSC will be revising the documents to exclude 164 acres on Susanville Indian Rancheria property, which will potentially be treated under another grant project. LFSC will work with SNC to discuss funding this grant as revised in 2023.



### Project Map: Mountain Meadows & SIR Reforestation



WUI Area: Adin

Funding: Planning/Not Funded

2022 Implementation

Number of Acres: 400

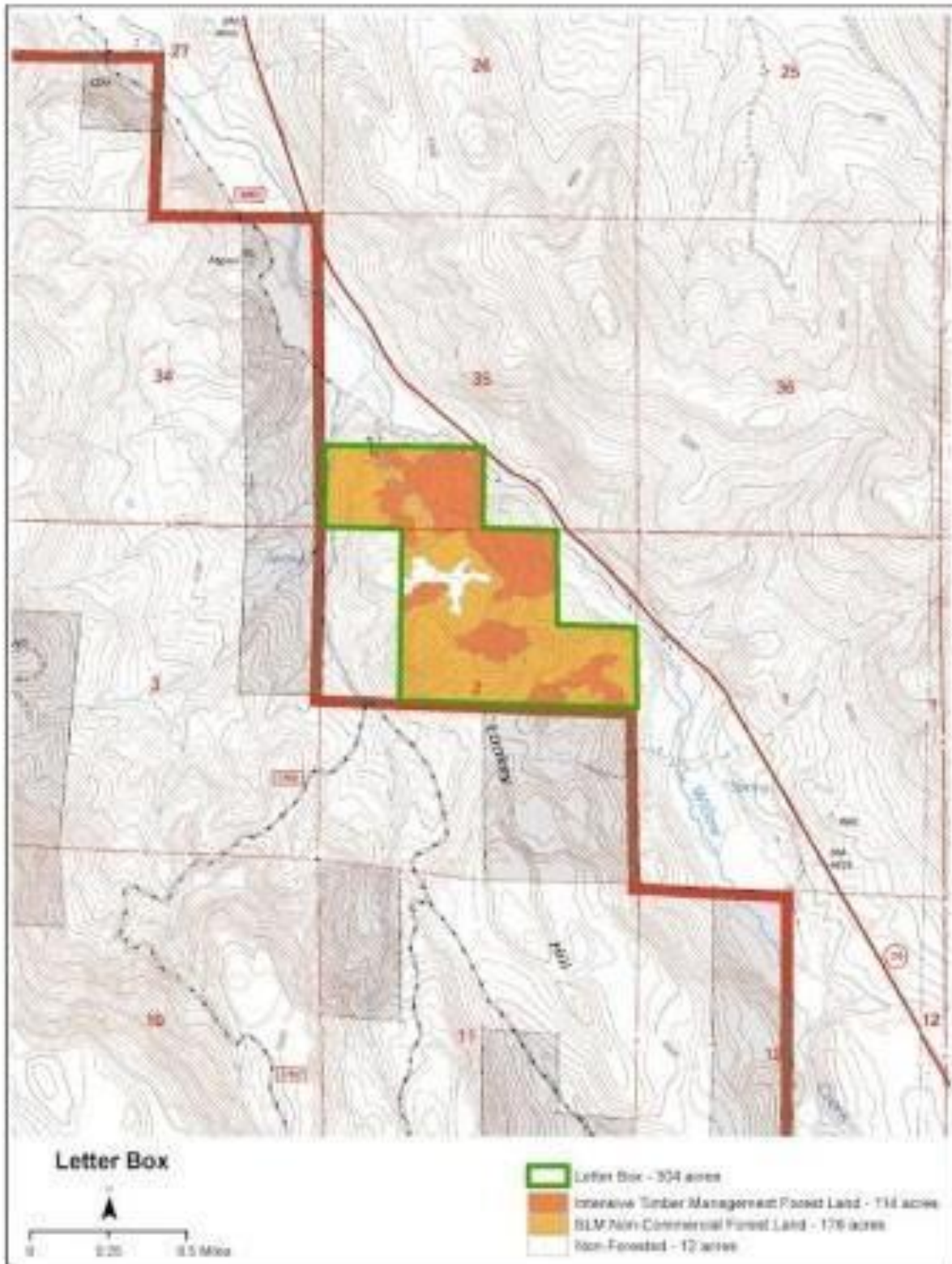
Agency or Agencies: LFSC, BLM-AFO

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 80 sq.ft.) to increase health and vigor. Commercial and non-commercial sanitation harvest of trees to control insects and disease.

Project Map: Letter Box



## REPORTING AGENCIES

### BLM Eagle Lake Field Office

#### Lassen County Community Wildfire Protection Plan BLM Eagle Lake Field Office 2022 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.

**Bald.** This project is a planned understory burn in the Bald Hills area northwest of Eagle Lake, specifically all or portions of Units B1, B5, B6, and B7. This project will reduce fuels in an effort to reduce large fire activity and to restore the landscape to a fire resilient landscape. The reduced fuels will provide for reduced fire behavior and provide for public and firefighter safety in the event of a wildfire event.

**Hog.** The BLM is working to provide for public safety, forest stand health and soil stability following the 2020 Hog fire. The project area is along the sections of the BIZ Johnson trail that was impacted by the fire. Trees will be removed that pose a risk to the recreating public while ensuring forest resiliency.

**Horse Lake Project.** The BLM Eagle Lake Office is proposing to shift its focus from expensive large scale mechanical reduction of juniper towards a proactive approach of preventing juniper encroachment by removing them with more fiscally viable low impact methods while they are still in Phase I of their spread. This is in hopes of preventing widespread encroachment with habitat degradation and heavy fuel build up into sage brush and sage steppe habitats. The focus will begin in priority sage-grouse habitat with active leks and riparian areas and expand from there.

\* **Phase I** is the early stage of juniper encroachment. It is defined by Miller et al, (2005) as an area where juniper is actively encroaching on sagebrush ecosystems. Juniper crown canopy is less than 10 percent. On dominant trees terminal and lateral leader growth is greater than 10 centimeters (cm) annually. On understory trees terminal leader growth is greater than 10 cm and lateral leader growth is greater than 8 cm annually. Crown lift is absent. The understory is still fully intact. Potential berry production is low and tree recruitment is active. It is common for Phase I sites to occur in patches of small trees up to 16 feet tall on rangelands; some areas can contain one or two single trees.

**Community Outreach:** The BLM Eagle Lake district has a new Mitigation and Education Specialist who will be partnering with local stakeholders and agencies in the area of public fire safety education and fire preparedness. The local Children's fair and the county fair are two large events that Eagle Lake BLM will be participating in with more events to be added to the schedule. Strong interagency ties exist with CAL FIRE and the Lassen USFS. Cooperation with local fire agencies will be developed with time.

WUI Area: WUI

Funding: Funded

2022 Implementation

Number of Acres: 200

Agency or Agencies: BLM

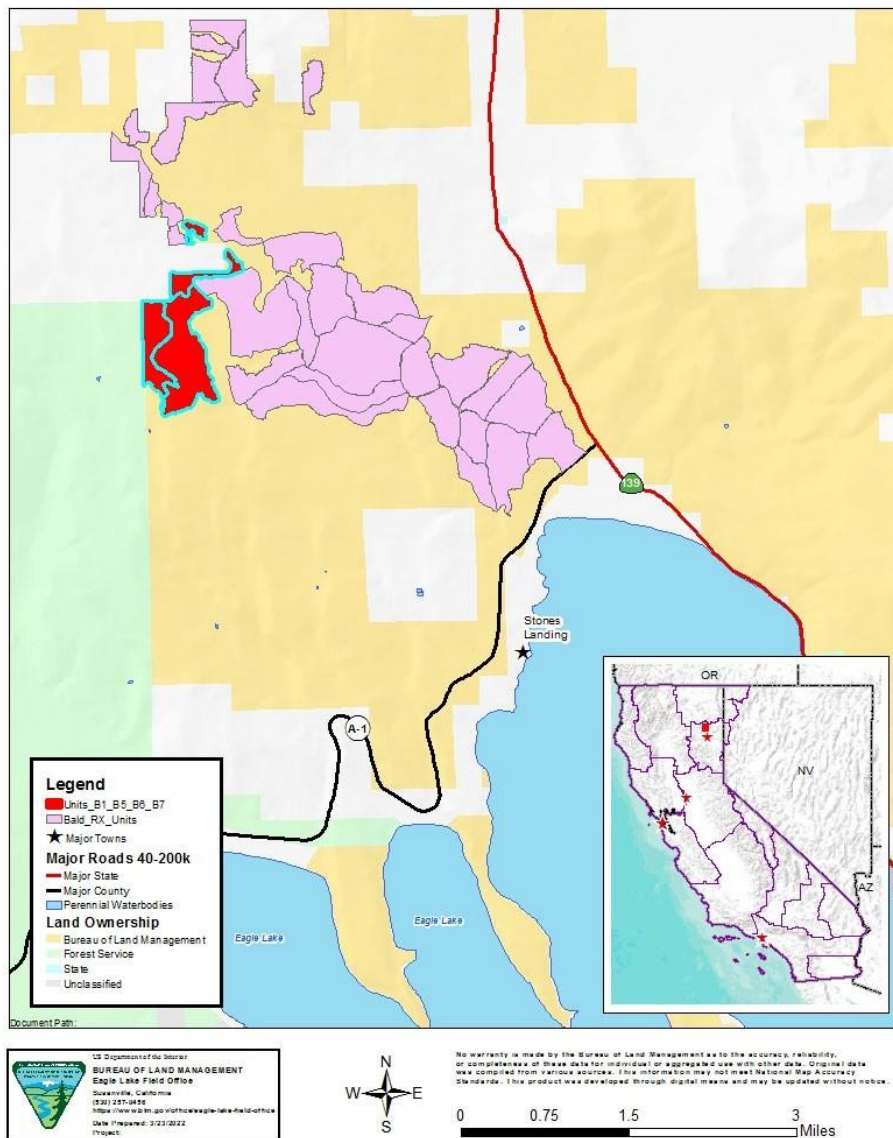
Project Name: **Bald Understory**

Project Coordinates: 40.7474 -120.7559

**Summary of Project:** This project is a planned understory burn in the Bald Hills area northwest of Eagle Lake, specifically all or portions of Units B1, B5, B6, and B7. This project will reduce fuels in an effort to reduce large fire activity and to restore the landscape to a fire resilient landscape. The reduced fuels will provide for reduced fire behavior and provide for public and firefighter safety in the event of a wildfire event.

Project Map:

BLM\_Bald Understory Rx FY2022



WUI Area: WUI

Funding: Funded

2022 Implementation

Number of Acres: 10

Agency or Agencies: BLM

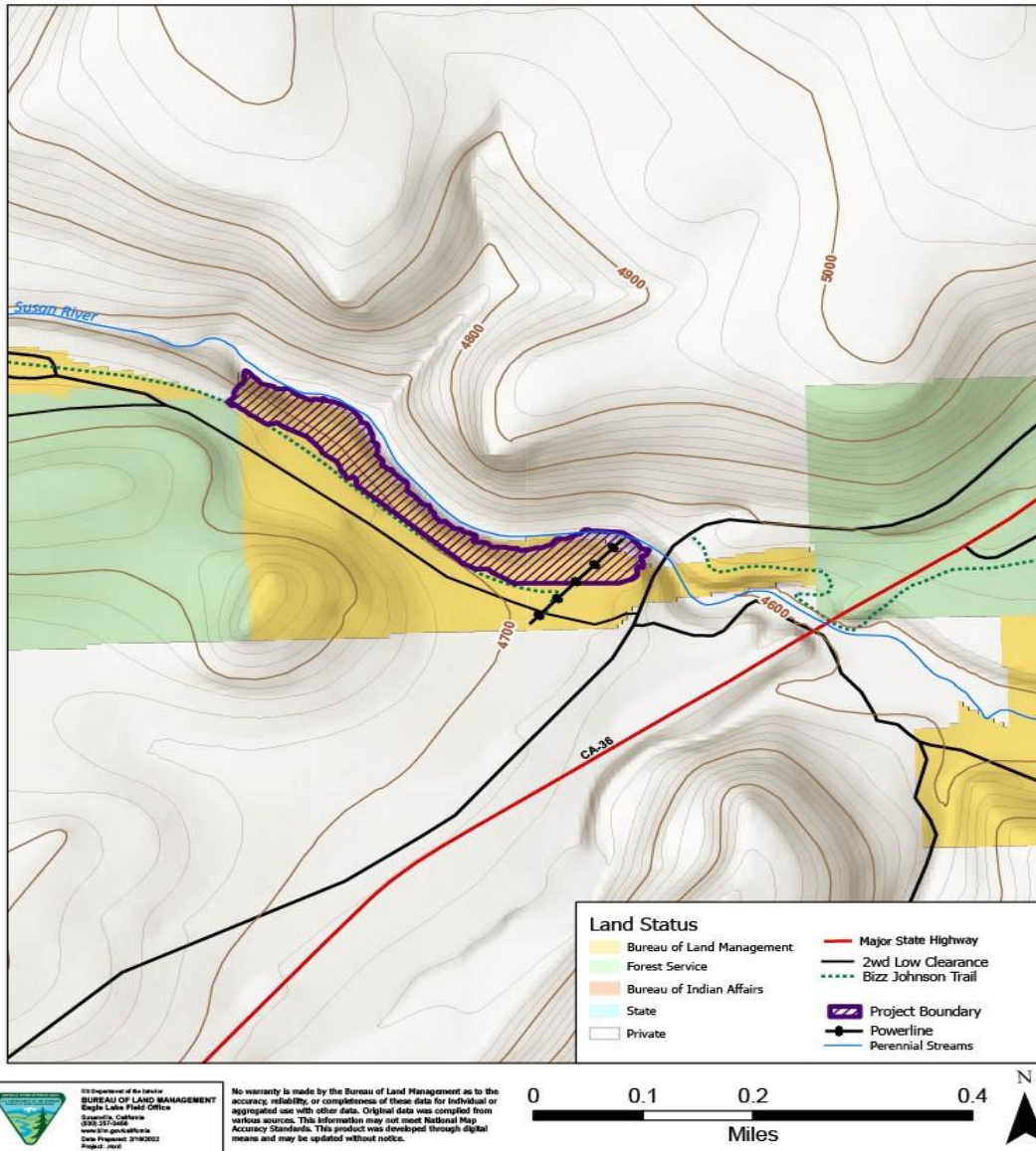
Project Name: Hog

Project Coordinates: 40.3963 -120.7834

**Summary of Project:** This project is along the BIZ Johnson trail in the vicinity of Devils Corral/Hwy 36 where portions were heavily damaged by the 2020 Hog fire. Trees that pose a safety hazard to the public will be felled, bucked, piled, and burned. Timber stand health and soil stability are also goals for the project.

Project Map:

Devils Corral Pile RX - Project Map



WUI Area: Non WUI

Funding: Funded

2022 Implementation

Number of Acres: 10

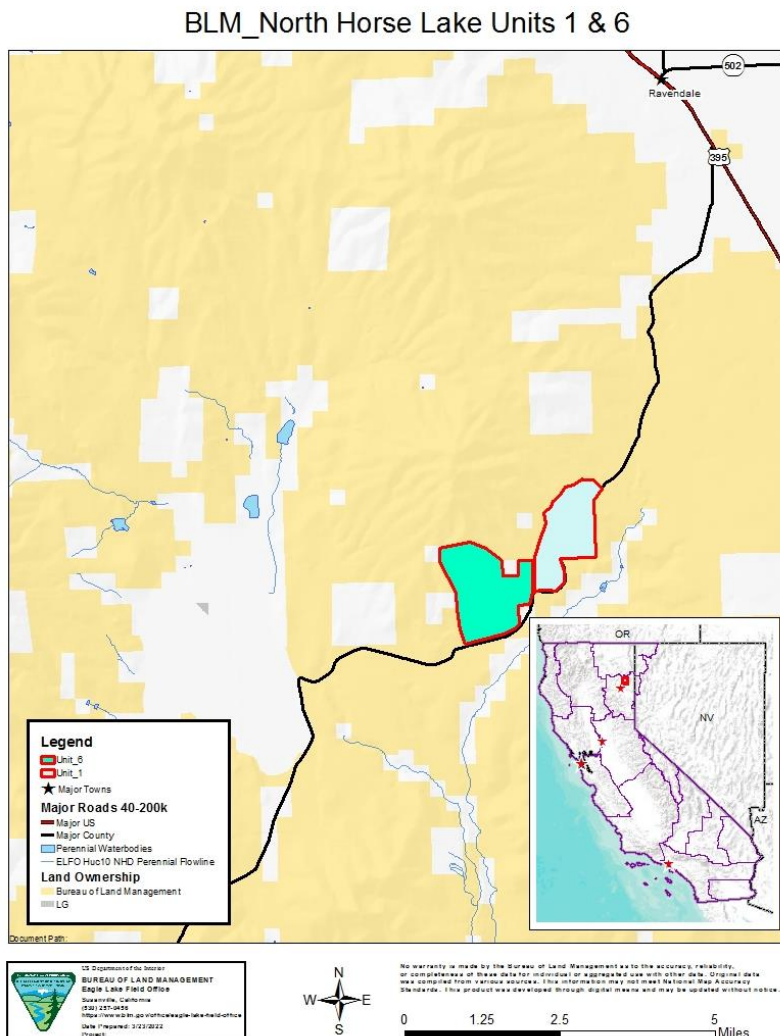
Agency or Agencies: BLM

Project Name: **Horse Lake PPA**

Project Coordinates: 40.6005 -120.4874

**Summary of Project:** The BLM Eagle Lake Office is proposing to shift its focus from expensive large scale mechanical reduction of juniper towards a proactive approach of preventing juniper encroachment by removing them with more fiscally viable low impact methods while they are still in Phase I of their spread. This is in hopes of preventing widespread encroachment with habitat degradation and heavy fuel build up into sage brush and sage steppe habitats. The focus will begin in priority sage-grouse habitat with active leks and riparian areas and expand from there.

Project Map:





WUI Area: Non-WUI

Funding: Partially Funded

2022 Implementation

Number of Acres: 40

Agency or Agencies: BLM

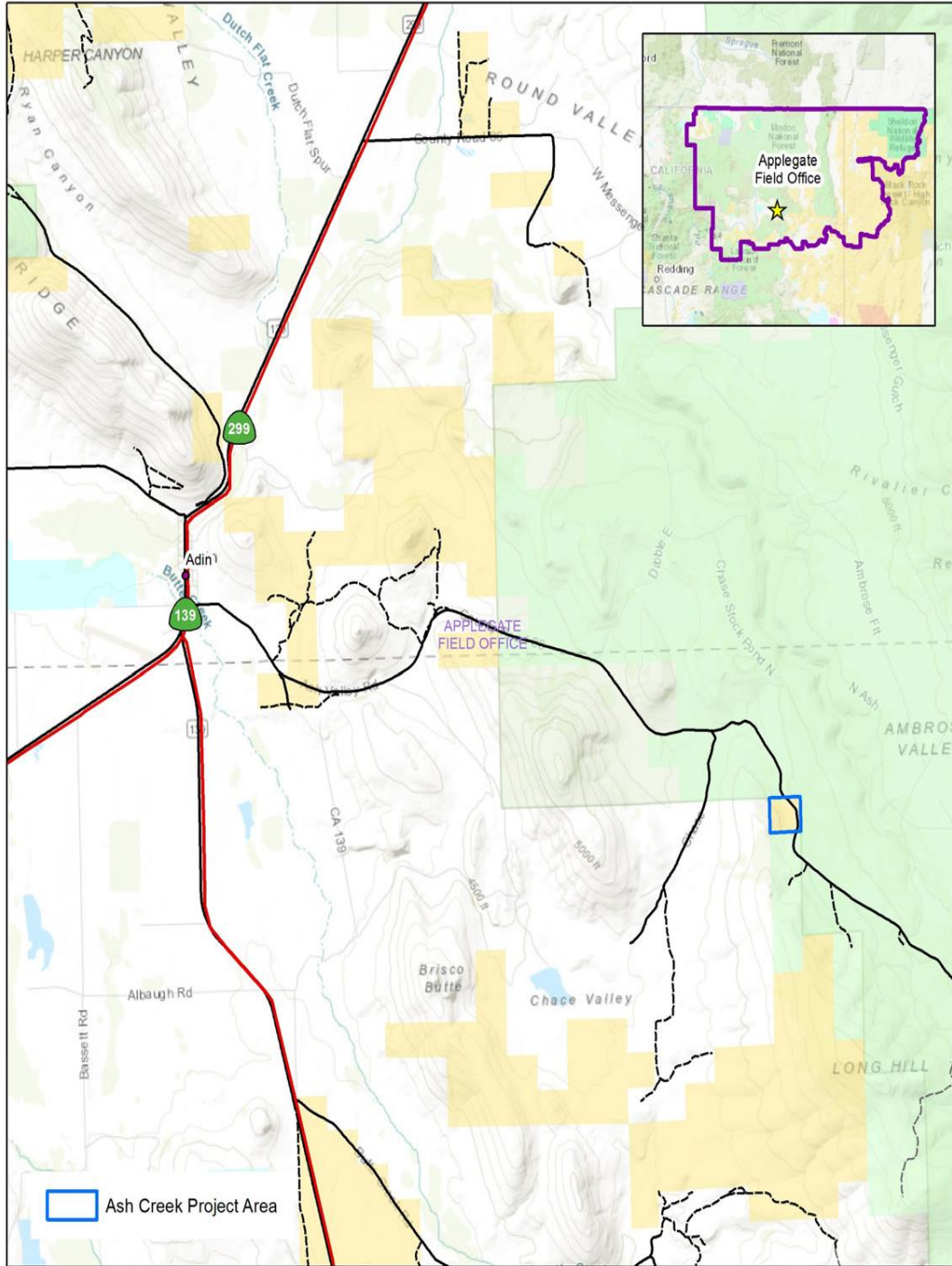
Project Name: **Ash Creek Forest Health Improvement Project**

Project Coordinates: N41.16726 W120.84924

**Summary of Project:** The purpose of the project is to thin an overstocked stand consisting of 40 acres of ponderosa pine, incense cedar, and western juniper to achieve the desired stocking level and to increase health and vigor of the stand. Thinning would be accomplished through the usage of traditional ground-based timber harvesting systems (feller-buncher, skidder, delimeter, and loader). The unit is located near the town of Adin, California. Slash generated from harvesting activities will be piled and burned when conditions permit burning operations to commence. Funding was received in FY 21 for timber marking, crusing, and layout; however, only one bid was received. That bid exceeded the funds available so additional funding was secured to bundle this unit with Letterbox for timber marking, crusing, and layout. The contract will be submitted to the state office in May or early June ahead of the deadline.

Project Map:

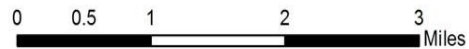
# Ash Creek Forest Health Improvement Project



US Department of the Interior  
**BUREAU OF LAND MANAGEMENT**  
Applegate Field Office  
Alturas, California  
(530) 233-4666  
www.blm.gov/california  
Date Prepared: 3/24/2021  
Project: CWPP\_2021.mxd



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WUI Area: WUI  
 2022 Planning

Funding: Planning/Not Funded

Number of Acres: 1243

Agency or Agencies: BLM

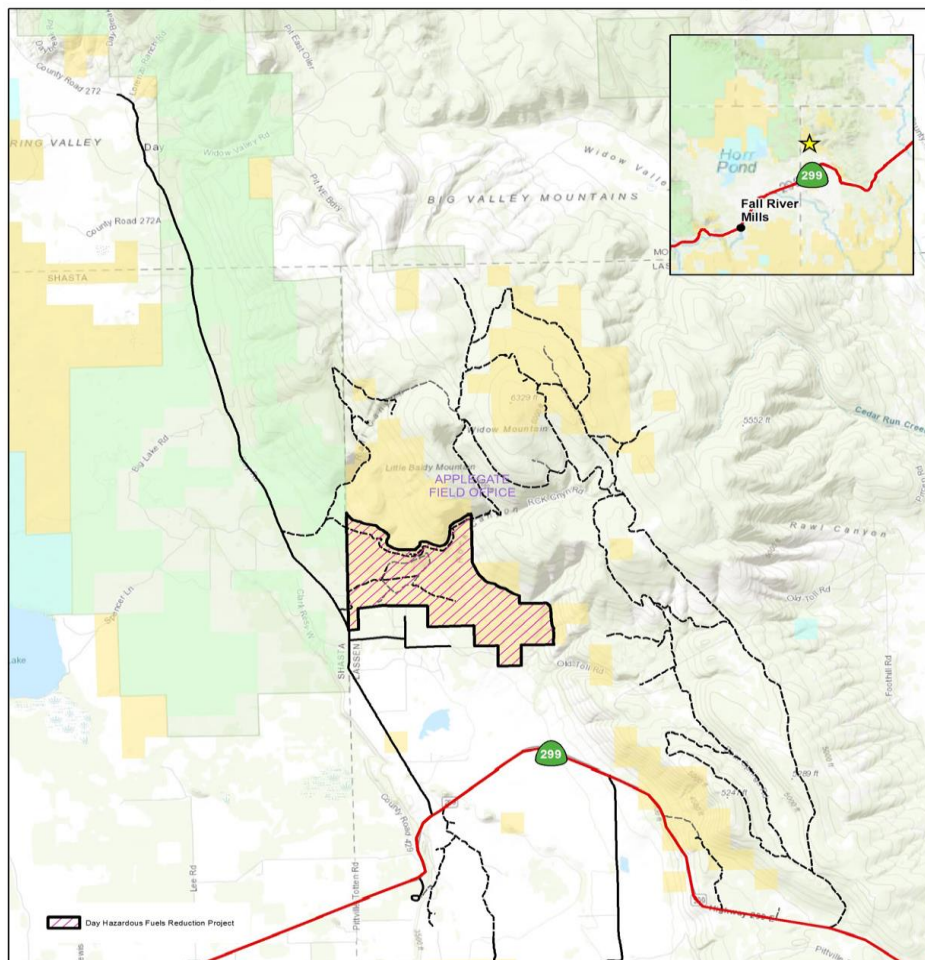
Project Name: **Day Hazardous Fuels Reduction Project**

Project Coordinates: N41.12981 W121.31802

**Summary of Project:** The purpose of this project is to reduce hazardous fuels adjacent to residents within the Day area located six miles northeast of McArthur, California. The project would consist of up to 1,243 acres of mastication utilizing heavy equipment to masticate the fuels within the identified treatment area. The NEPA documents for the project will be completed in FY 22 with project implementation estimated to begin in the fall/spring of FY 23. Funding will likely come from internal fuels funding.

Project Map:

**Day Hazardous Fuels Reduction Project**



US Department of the Interior  
**BUREAU OF LAND MANAGEMENT**  
 Applegate Field Office  
 Alturas, California  
 (530) 233-4666  
 www.blm.gov/california  
 Date Prepared: 3/23/2022  
 Project: Forest Health EA.mxd



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WUI Area: Non-WUI

Funding: Funded

2022 Implementation

Number of Acres: 1405

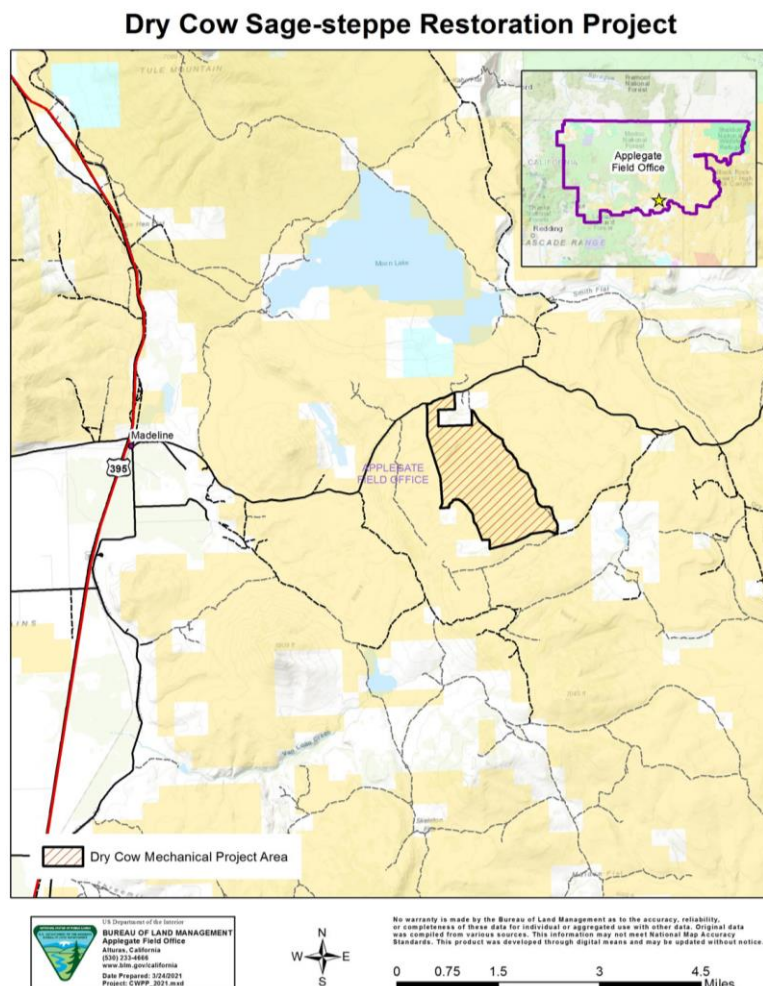
Agency or Agencies: BLM, NRCS, and Cal-Deer

Project Name: **Dry Cow Sage-steppe Restoration Project**

(Mechanical) Project Coordinates: N41.04446 W120.37418

**Summary of Project:** The purpose of this project is to focus on reducing juniper canopy cover utilizing mechanical equipment in designated habitat for greater sage-grouse and mule deer. The use of mechanical equipment such as feller-bunchers and rubber tired skidders would be used to reduce juniper densities in areas with canopy cover exceeding 15% and slopes less than 35%. Up to 1405 acres would be treated using mechanical equipment within the Dry Cow project area. This project is part of an ongoing series of sage-steppe restoration projects aimed at improving habitat for greater sage-grouse which is a BLM sensitive species. Currently, the BLM is working on securing funds to implement the project. NEPA and arch surveys are completed for the project and the project is ready for implementation.

Project Map:



WUI Area: Non-WUI

Funding: Funded

2022 Implementation

Number of Acres: 1211

Agency or Agencies: BLM, NRCS, and Cal-Deer

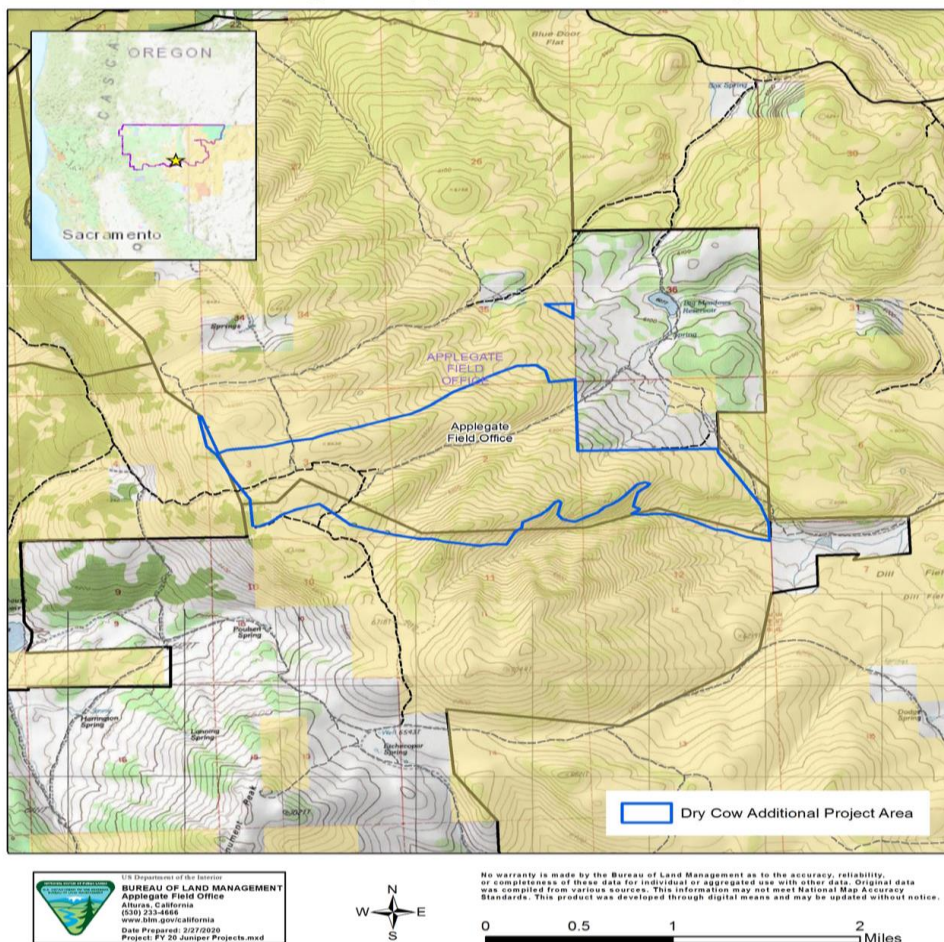
Project Name: **Dry Cow Sage-steppe Restoration Project Part 2**

(Mechanical) Project Coordinates: N41.01361 W120.36319

**Summary of Project:** The purpose of this project is to focus on reducing juniper canopy cover utilizing hand and mechanical equipment in designated habitat for mule deer and greater sage-grouse. The use of mechanical equipment such as feller-bunchers would be used to reduce juniper densities in areas with canopy cover exceeding 15% and slopes less than 35%. Remaining areas will be hand treated using chainsaws. This project is part of an ongoing series of sage-steppe restoration projects aimed at improving habitat for greater sage-grouse which is a BLM sensitive species. Currently, the BLM is working in conjunction with the NRCS to procure funds to implement the project. Both the NEPA and the arch surveys have been completed for the project.

Project Map:

### FY 20 Sage-steppe Restoration Projects



WUI Area: Non-WUI

Funding: Planning/Not Funded

2022 Planning

Number of Acres: 1526

Agency or Agencies: BLM

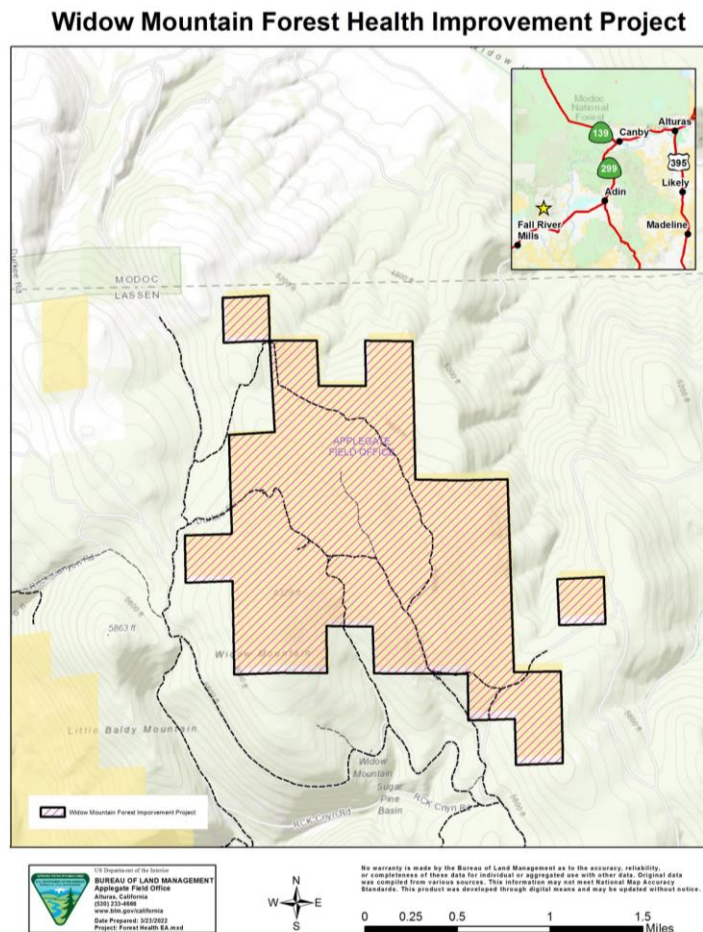
Project Name: **Widow Mountain Forest Health Improvement Project**

Project Coordinates: N41.16582 W121.28921

**Summary of Project:** The purpose of this project is to perform a series of forest health improvement and hazardous fuels treatments aimed at improving forest and woodland health. Stand exams will be completed during the spring and summer of 2022. This information will be used in the development of silvicultural prescriptions and marking guides for future treatments. This project is being included in an environmental assessment (EA) aimed at improving forest health and reducing hazardous fuels on approximately 9,000 acres of public land. The EA is in the development phase with an estimated completion date of early fall FY22/23.

Approximately 604 of the 1,500 acre unit is being surveyed for cultural resources. Funding will be sought in the coming years to survey the remaining acres within the treatment unit.

Project Map:



WUI Area: WUI

Funding: Partially Funded

2022 Planning

Number of Acres: 300

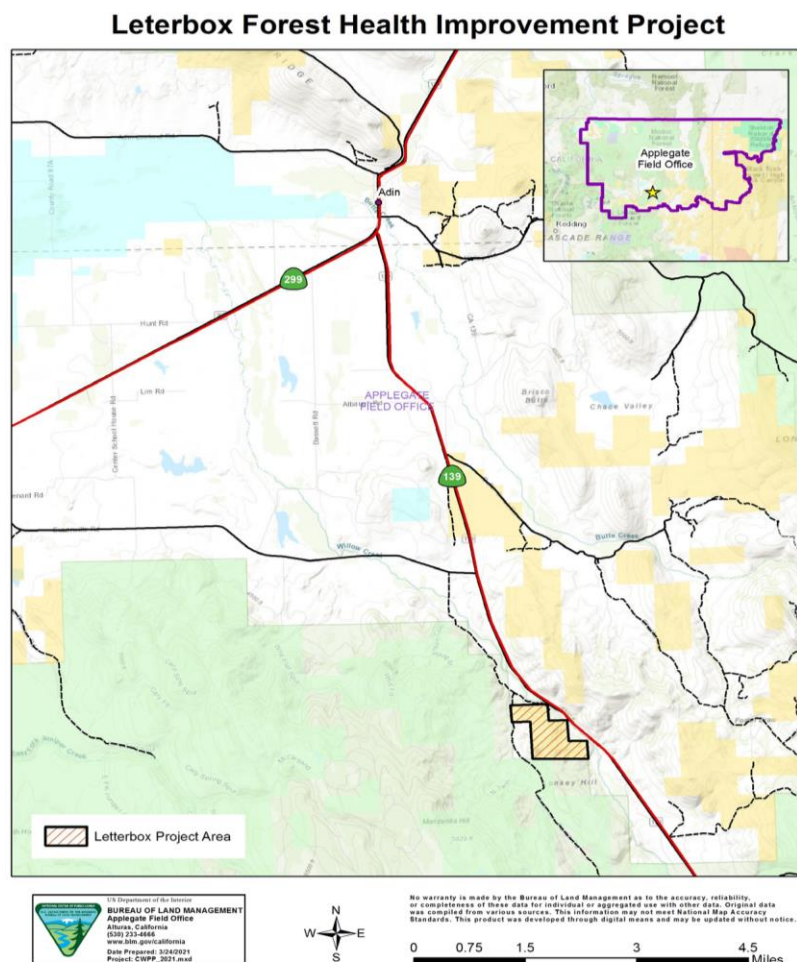
Agency or Agencies: BLM

Project Name: **Letterbox Forest Health Improvement Project**

Project Coordinates: N41.07887 W120.90416

**Summary of Project:** The purpose of this project is to thin approximately 300 acres of Jeffery and ponderosa pine approximately six miles south of Adin, California off of Highway 139 corridor to achieve the desired stocking level and to increase the health and vigor of the stand. In addition to thinning, broadcast burning would also be utilized to reintroduce fire into low elevation pine stands. The project is being included in an environmental assessment (EA) aimed at improving forest health and reducing hazardous fuels on approximately 9,000 acres of public land. The EA is in the development phase with an estimated completion date of early fall FY22/23. Arch surveys have been completed for the project area.

Project Map:



WUI Area: non-WUI

Funding: Funded

2022 Implementation

Number of Acres: 2435

Agency or Agencies: BLM, NRCS, and Cal-Deer

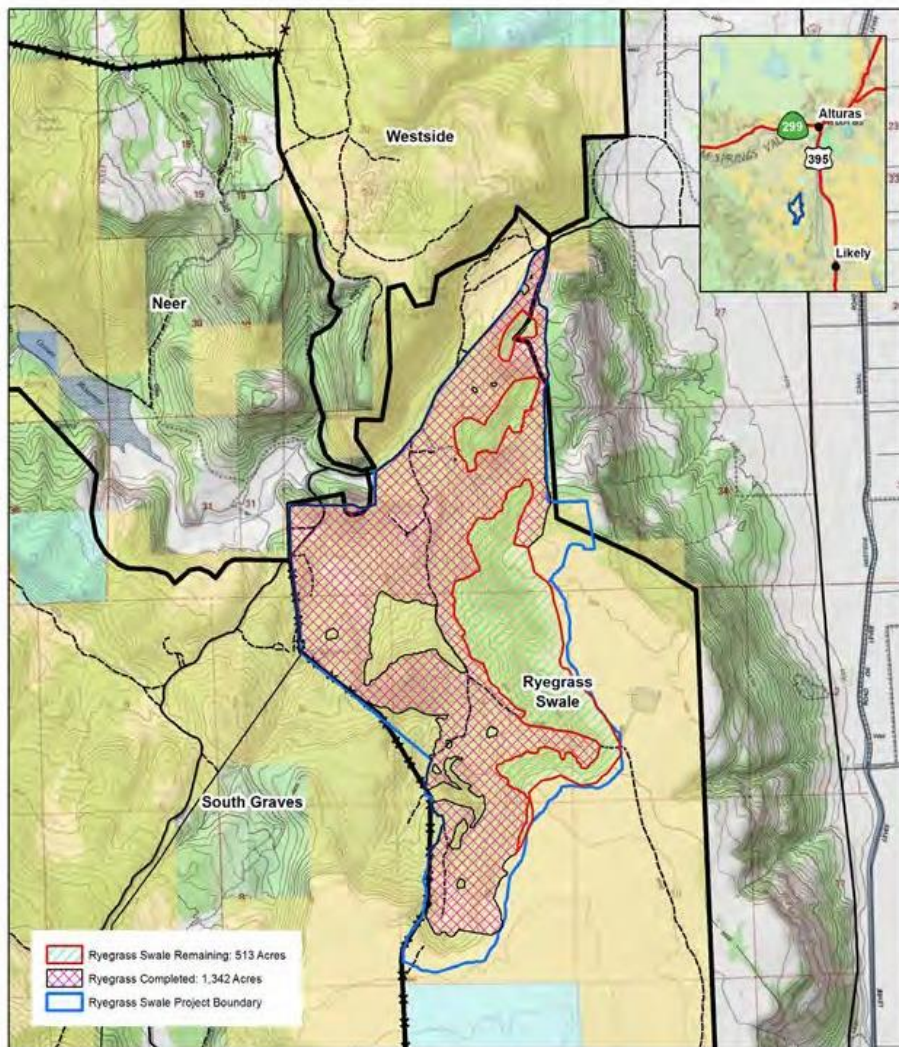
Project Name: **Ryegrass Swale Sage-steppe Restoration Project**

Project Coordinates: N41.33888 W120.60288

**Summary of Project:** The purpose of this project is to reduce juniper cover in designated habitat for mule deer and pronghorn. Crews were able to complete approximately 919 acres of mechanical and hand treatments between January and April of 2021. Work is scheduled to resume in April of 2022 to complete the remaining acres within the project. Approximately 513 acres remain untreated.

Project Map:

**Ryegrass Swale Project Area**



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WUI Area: WUI  
 2022 Implementation

Funding: Partially Funded  
 Number of Acres: 104

Agency or Agencies: BLM and Pit River Tribe

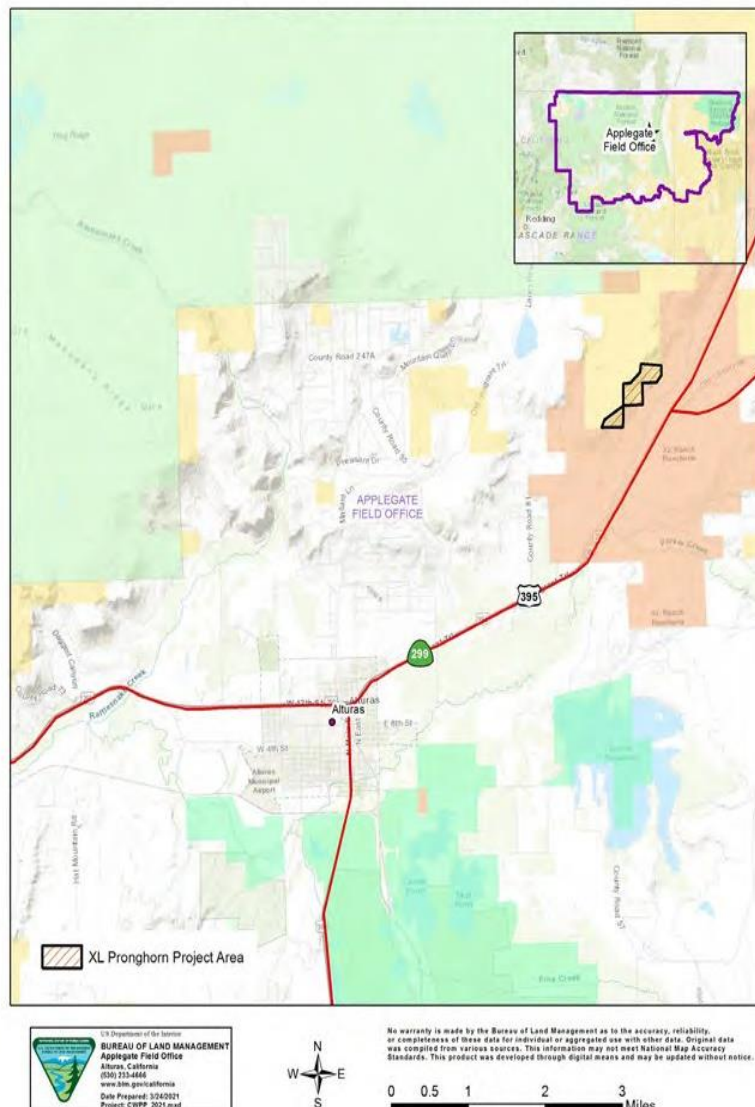
Project Name: **XL Pronghorn Habitat Restoration Project**

Project Coordinates: N41.54303 W120.46954

**Summary of Project:** The purpose of this project is to improve habitat for pronghorn and to also reduce the risk of predation by reducing tree cover in an active migration corridor for pronghorn. Approximately 34 acres were completed under the Service First Agreement between the Pit River Tribe and the BLM in the fall of 2021. The remaining 70 acres will be treated by the fuels crew or placed under contract to be cut-and-piled. Piles will be burned using agency fire personnel.

Project Map:

**XL Pronghorn Habitat Restoration Project**



WUI Area: Non-WUI

Funding: Funded

2022 Implementation

Number of Acres: 648

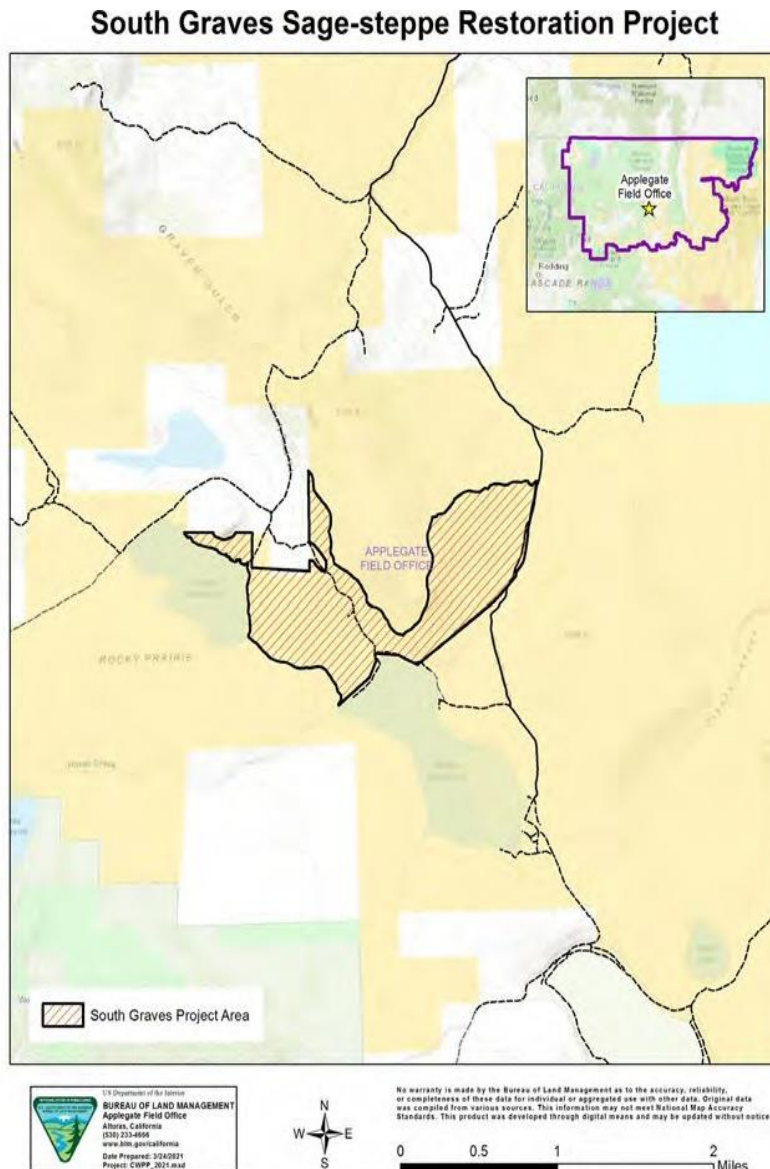
Agency or Agencies: BLM, NRCS, and Cal-Deer

Project Name: **South Graves Sage-steppe Restoration Project**

Project Coordinates: N41.28195 W120.63728

**Summary of Project:** The purpose of this project is to reduce juniper cover in designated habitat for mule deer and pronghorn. Mechanical equipment would be utilized to be piled into doodle bundles (piles of 3-7 trees) to be burned by agency fire staff at a later date. NEPA was completed for this project in August of 2020. Layout will be completed in late March or early April with treatment occurring in late spring or early Fall depending on seasonal timing restrictions and equipment availability.

Project Map:



WUI Area: Non-WUI

Funding: Planning/Not Funded

2022 Implementation

Number of Acres: 3324

Agency or Agencies: BLM

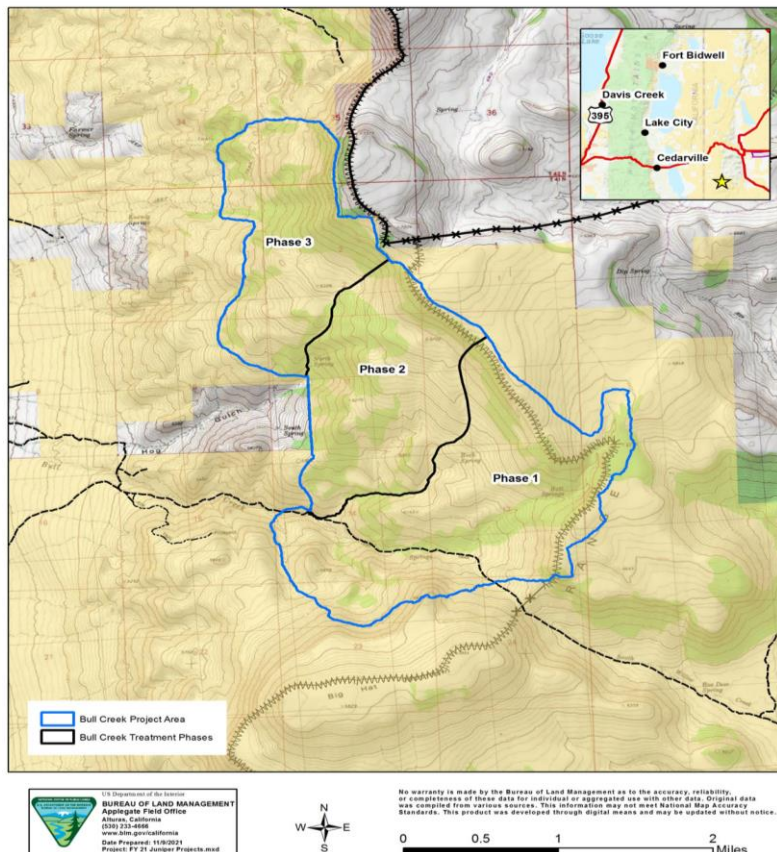
Project Name: **Bull Creek Aspen Release and Sage-steppe Restoration Project**

Project Coordinates: N41.48678 W119.93093

**Summary of Project:** The purpose of this project is to reduce juniper cover in designated habitat for mule deer and greater sage-grouse habitat and release quaking aspen (*Populus tremuloides*) and other riparian vegetation through the removal of competing conifers to stimulate growth and to reduce competition for resources, thus promoting the establishment of a new cohort of aspen seedlings and saplings. To accomplish these goals, treatments would focus on reducing juniper canopy cover through hand treatment methods (i.e., lop-and-scatter/cut-and-pile) to a post-treatment canopy cover of <3% within areas that do not contain individual or groups of scattered old growth juniper or historical juniper woodlands and reducing post-treatment surface fuels by at least 50% within the identified treatment areas. NEPA and arch are completed on the project, funding is being requested in FY23 to begin implementation.

Project Map:

### Bull Creek Sage-steppe Restoration Project



WUI Area: Non-WUI

Funding: Partially Funded

2022 Implementation

Number of Acres: 15147

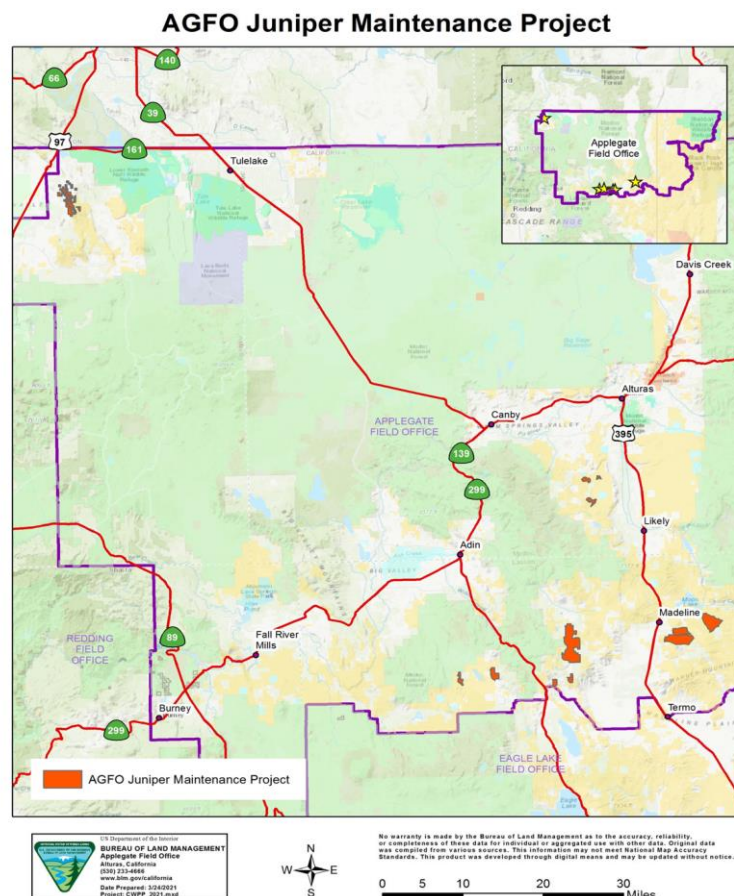
Agency or Agencies: BLM

Project Name: **AGFO Juniper Maintenance Project**

Project Coordinates: N41.01605 W120.49113

**Summary of Project:** The purpose of this project is to perform maintenance work on existing juniper reduction projects that were completed between 1997 and 2013 within public lands managed by the Applegate Field Office. Maintenance actions would focus on hand treating newly emerging juniper trees within previously treated sage-steppe restoration projects areas. A total of 15,147 acres of habitat restoration maintenance would be completed over the 10-to-20-year period. Crews were able to complete a little over 10,000 acres of maintenance work on the Mitchell Hill, South Mitchell Hill, Blue Door Flat, South Ash Valley, and South Knob 1 and 2 projects between August and September 15th of 2021. These projects were located east and west of Madeline, California. Funding will be requested in FY 22 to fund the remaining projects included under the AGFO Juniper Maintenance Contract. The contract is valid until 2025.

Project Map:



WUI Area: Non-WUI  
2022 Implementation

Funding: Funded  
Number of Acres: 4088

Agency or Agencies: BLM and NDOW

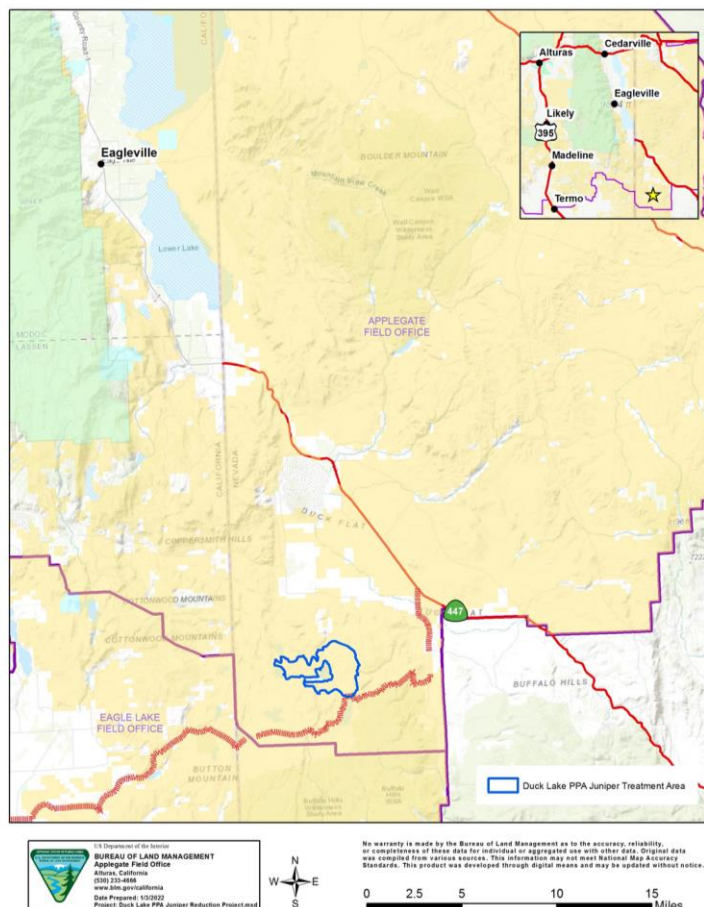
Project Name: **Duck Flat PPA Sage-steppe Restoration Project**

Project Coordinates: N40.93690 W119.89817

**Summary of Project:** The purpose of this project is to improve lekking and nesting habitat for GRSB by reducing juniper canopy cover within 0.6 miles of active leks located within the project area. Thus, reducing perch sites for raptors near active leks and promoting the re-establishment of perennial forbs, grasses, and shrubs through the reduction in juniper canopy cover in nesting habitat for GRSB. In addition, reduce hazardous fuel accumulated through the cutting and piling of juniper using prescribed fire (i.e., pile burning). To accomplish this, treatments would focus on reducing juniper canopy cover through hand treatment methods (i.e., lop-and-scatter/cut-and-pile). The NEPA documents are currently being prepared for the project and work is scheduled to begin in the fall of 2023 using contract personnel. This is a joint project between the BLM and NDOW.

Project Map:

#### Duck Lake PPA Juniper Reduction Project



WUI Area: Non-WUI

Funding: Planning/Not Funded

2022 Planning

Number of Acres: 358

Agency or Agencies: BLM

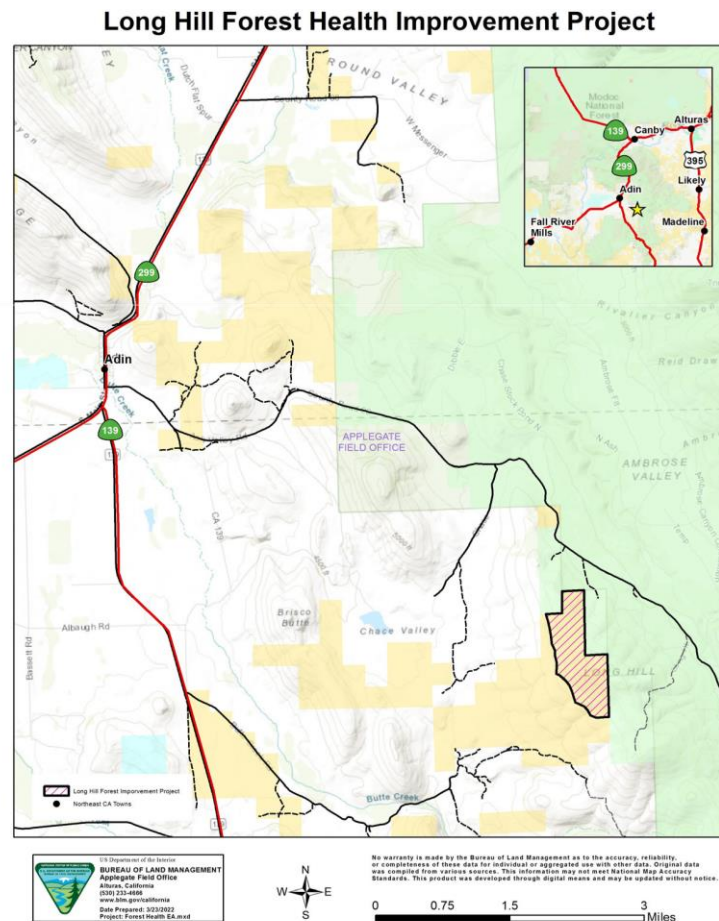
Project Name: **Long Hill Forest Health Improvement Project**

Project Coordinates: N41.14527 W120.84553

**Summary of Project:** The purpose of this project is to perform a series of forest health improvement treatments aimed at improving forest and woodland health and treating hazardous fuels. Stand exams will be completed during the spring and summer of 2022. This information will be used in the development of silvicultural prescriptions and marking guides for future treatments. This project is being included in an environmental assessment (EA) aimed at improving forest health and reducing hazardous fuels on approximately 9,000 acres of public land. The EA is in the development phase with an estimated completion date of early fall FY22/23.

Additionally, the arch surveys have been completed for the project. The project is located eight miles southeast of Adin, California.

Project Map:



WUI Area: Non-WUI

Funding: Planning/Not Funded

2022 Planning

Number of Acres: 1259

Agency or Agencies: BLM

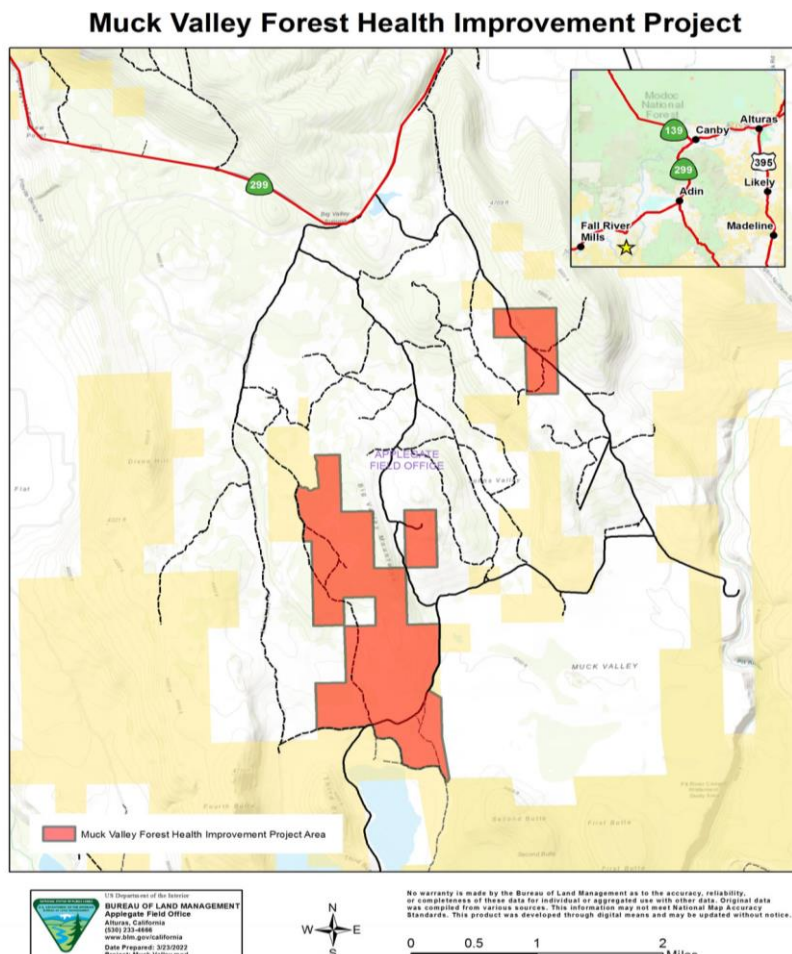
Project Name: **Muck Valley Forest Health Improvement Project**

Project Coordinates: N41.00779 W121.20833

**Summary of Project:** The purpose of this project is to perform a series of forest health improvement and hazardous fuels reduction treatments aimed at improving forest and woodland health. Stand exams were completed during the summer and fall of 2021. This information will be used in the development of silvicultural prescriptions and marking guides for future treatments. This project is being included in an environmental assessment (EA) aimed at improving forest health and reducing hazardous fuels on approximately 9,000 acres of public land. The EA is in the development phase with an estimated completion date of early fall FY22/23.

Additionally, the arch surveys have been completed for the project area. The project is located ten miles southwest of Nubieber, California.

Project Map:



WUI Area: WUI

Funding: Planning/Not Funded

2022 Implementation

Number of Acres: 650

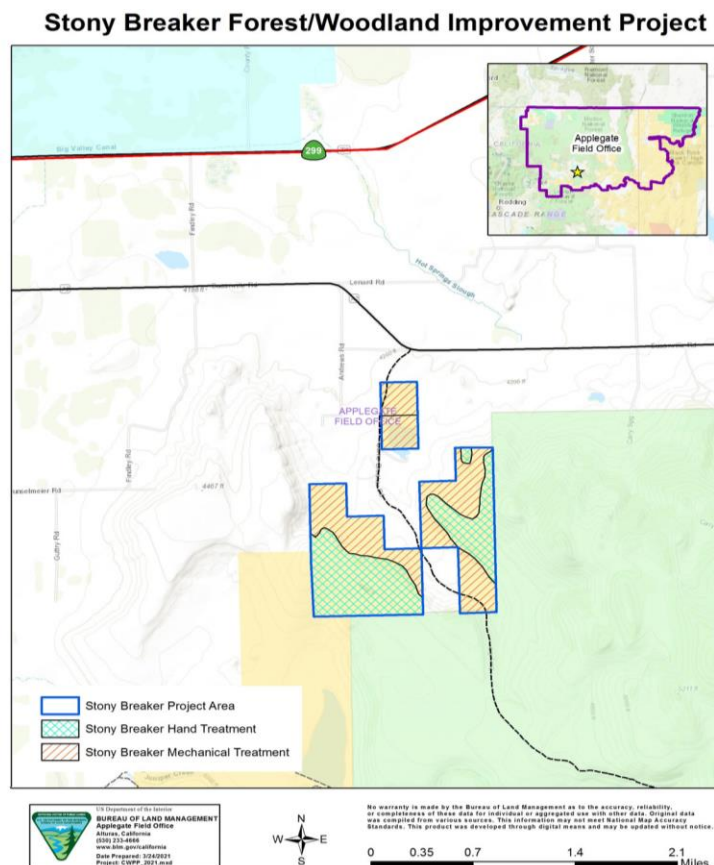
Agency or Agencies: BLM, NRCS, Cal-Deer, Pit River RCD, and Indian Peak Permittee

Project Name: **Stony Breaker Juniper Reduction Project**

Project Coordinates: N41.10594 W121.03499

**Summary of Project:** The goal of this project is to improve habitat by promoting the development of early seral species through the removal of late seral species such as juniper and reducing hazardous fuel accumulation using prescribed fire. To accomplish these goals, treatments would focus on reducing juniper canopy cover through hand and mechanical treatment methods by at least 75% and reducing post-treatment surface fuels by at least 50% within the identified treatment areas. NEPA was completed for this project in August of 2020 and funding requests were made in March of 2021; however, funding was not secured. As such, funding is being requested through BLM internal funds to develop a stewardship contract to complete the work. This project will likely be a joint funded project between the BLM, NRCS, Cal-Deer, and Pit River RCD. The project area is located near Bieber, California.

Project Map:





WUI Area: Mixed WUI

Funding: Planning/Not Funded

2022 Planning

Number of Acres: 2670

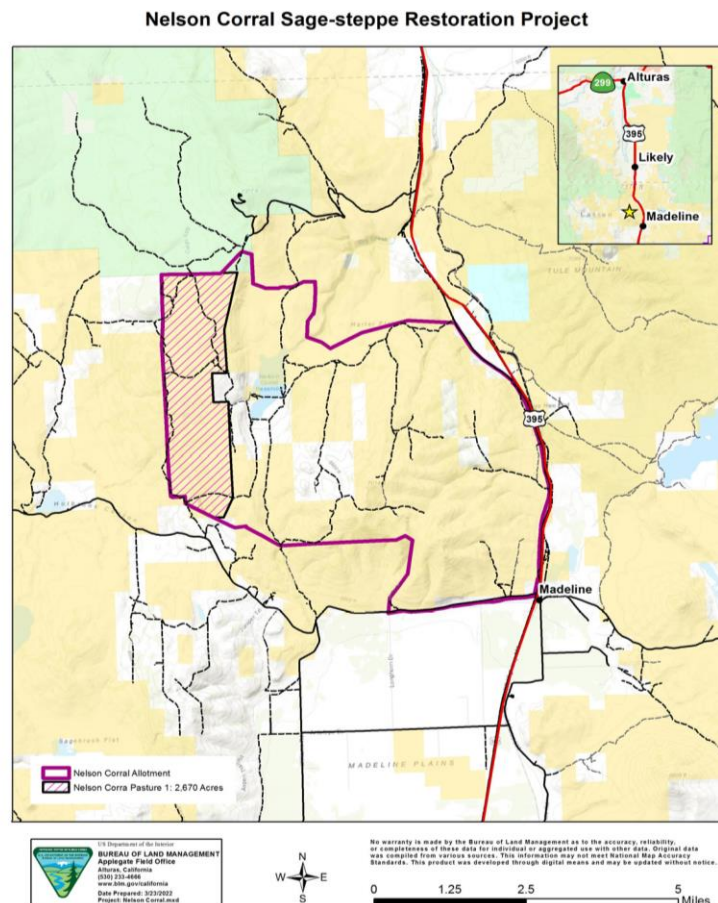
Agency or Agencies: BLM

Project Name: **Nelson Corral Sage-steppe Restoration Project**

Project Coordinates: N41.11429 W120.58005

**Summary of Project:** The purpose of this project is to reduce juniper within Pasture 1 of the Nelson Corral Allotment as part of an on-going series of sage-steppe restoration projects aimed at improving habitat for ungulates and to improve forage for livestock. The project is located near Madeline, California in Lassen County. A total of 2,670 acres would be treated through a combination of hand and mechanical treatment methods. In addition, aerial seeding in combination with mastication maybe utilized to restore understory vegetation in areas with juniper canopy cover exceeding 25% or if monitoring data indicates that perennial grass/forb cover is not sufficient to support natural recovery. Work would be completed either under a service or stewardship contract. Funding requests are being submitted for the arch survey to be completed. Completion of the NEPA documents would occur in the Fall/Spring of FY 23.

Project Map:



WUI Area: Non-WUI  
 2022 Implementation

Funding: Funded  
 Number of Acres: 2436

Agency or Agencies: BLM, NRCS, and Cal-Deer

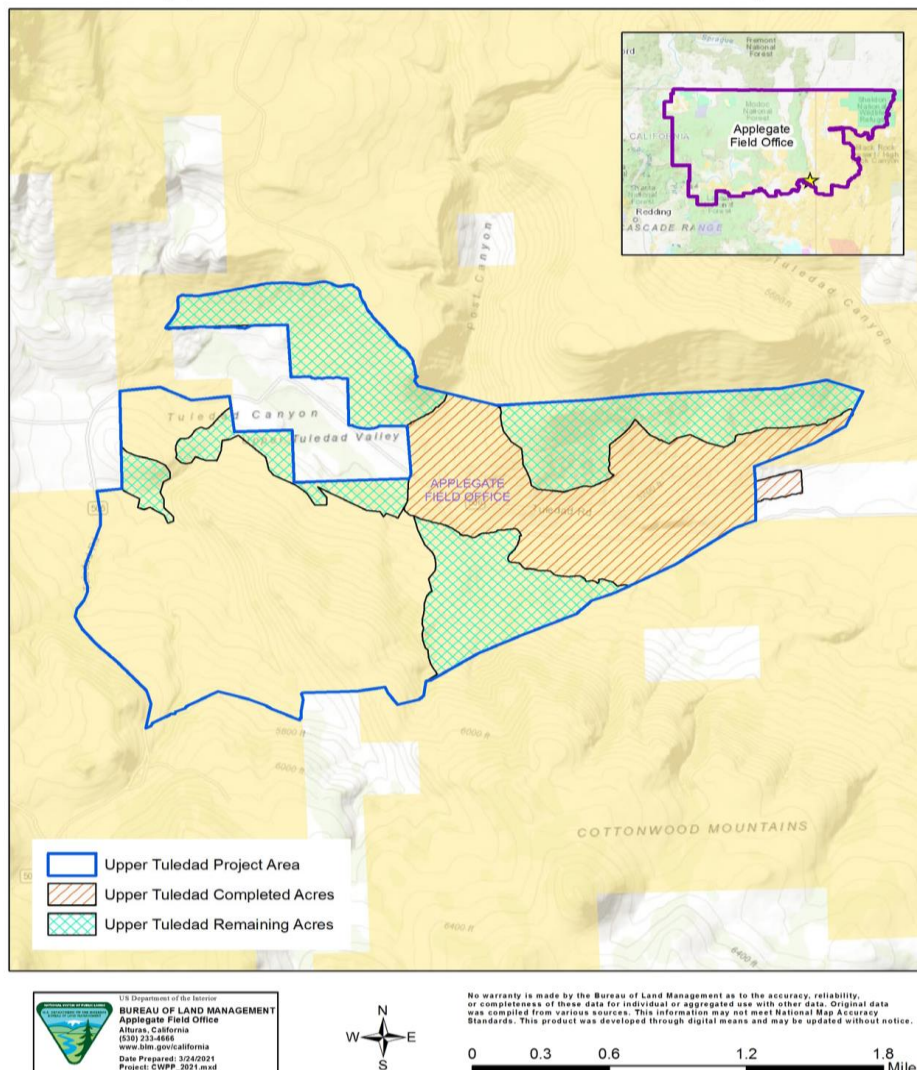
Project Name: **Upper Tuledad Sage-steppe Restoration Project**

Project Coordinates: N41.02132 W120.06288

**Summary of Project:** The purpose of this project is to reduce juniper cover in designated habitat for mule deer, pronghorn, and greater sage-grouse. A combination of mechanical (skid steer/feller bunchers) and hand equipment (chainsaws) have been utilized to pile juniper. Over the past three years, approximately 560 acres have been treated and approximately 775 acres remain untreated. In August of 2020, the W-5 Cold Springs fire burned a portion of the project area. Work is scheduled to resume in late spring of 2022 depending on equipment availability.

Project Map:

**Upper Tuledad Habitat Restoration Project**



## Lassen Municipal Utility District

WUI Area: Susanville-Westwood

Funding: Planning/Not Funded

2022 Planning

Number of Acres: 155

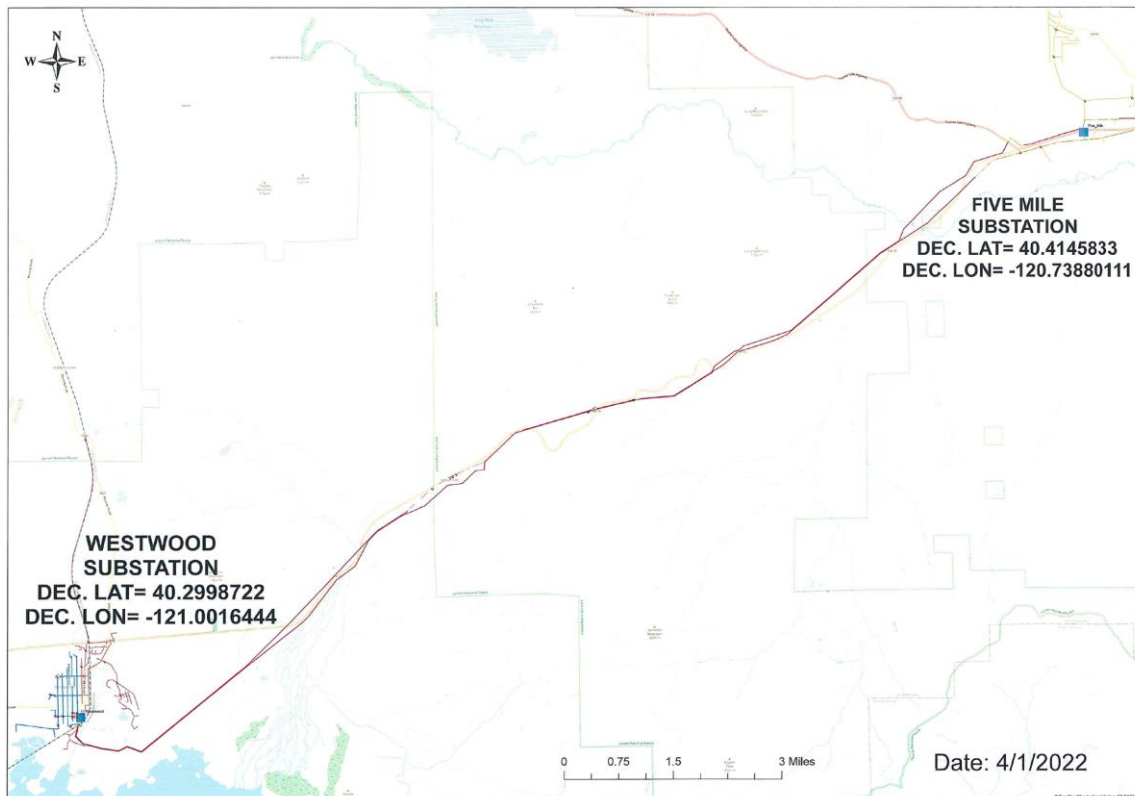
Agency or Agencies: LMUD USFS Private Lands

Project Name: **Westwood to Susanville Line 100 to 200 Widening Project**

Coordinates: 40.3310 120.9261

**Summary of Project:** The primary objectives of this project is to improve the fire resiliency of the LMUD right of way on USFS and on Privately owned land between Susanville and Westwood. The project is approximately 24 miles with 8 miles of this distance having two separated right of ways where line 100 and line 200 diverge. This results in a total of 32 miles of line to be treated. Increasing the width of the cleared area on existing right of way to 100 feet would result in approx. 155 acres of treated area (tree removal). This will reduce the potential risk of contact and ignition and will provide defensible space for the pole structures themselves during wildfire events. LMUD is applying for CalOES HMGP funding for this project. Implementation of study and planning work may begin as early as fall of 2022.

Project Map:



## USFS - Lassen National Forest

WUI Area: Close to Spalding

Funding: Planning/Not Funded

2022 Planning

Number of Acres: 6,300

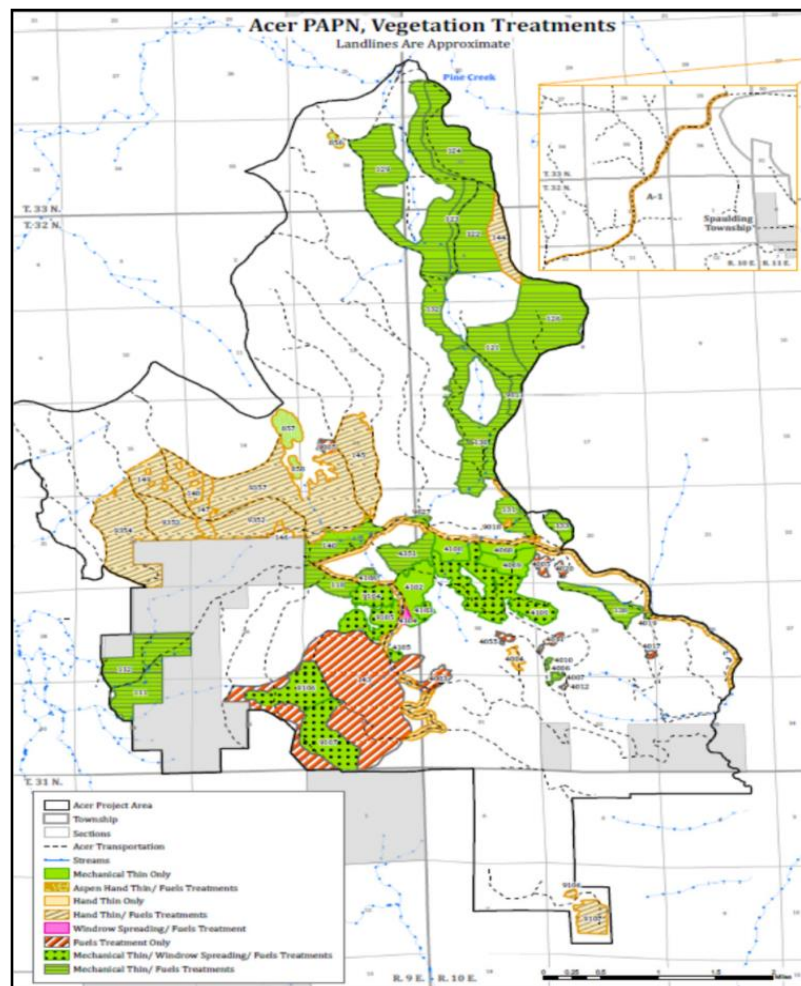
Agency or Agencies: USFS

Project Name: **Acer Project**

Project Coordinates: N40.65973 W120.88660

**Summary of Project:** The primary objectives of this project are to 1) create healthy forest conditions that are characterized by more open forested stands dominated by fire-resilient tree species, reduced surface fuel loads and ladder fuels where periodic low-intensity surface fires can be re-introduced and where wildfires can be safely fought, 2) forest areas with reduced tree densities that decrease risk of mortality from insects, drought, and disease, 3) functioning aspen, meadow and riparian systems which contribute to landscape biodiversity, and 4) cost effective treatments that contribute to community stability. This project is still in the planning phase. Implementation may begin as early as Fall 2022.

Project Map:



WUI Area: Susanville

Funding: Funded

2022 Implementation

Number of Acres: 600

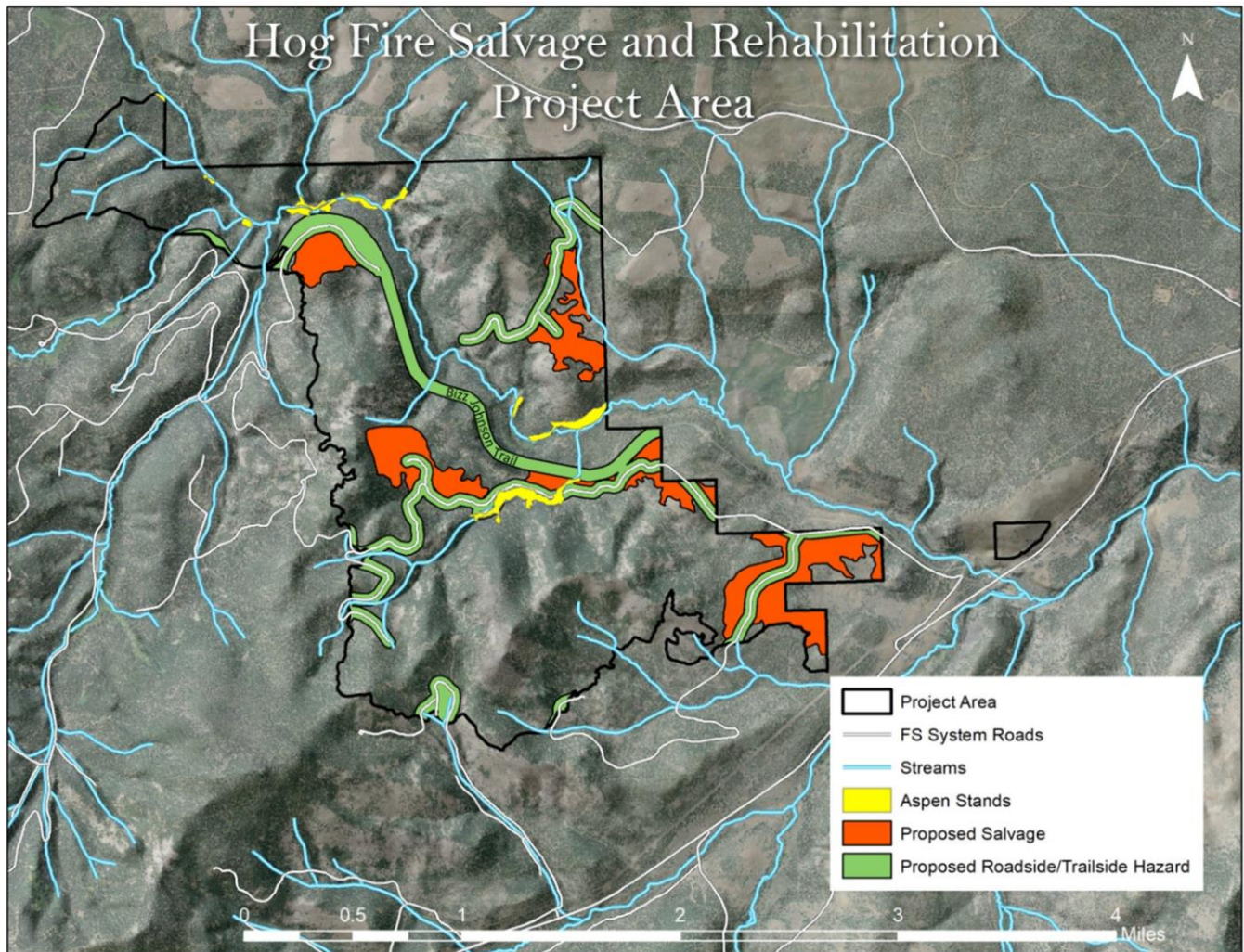
Agency or Agencies: USFS

Project Name: **Hog Fire Salvage and Rehabilitation Project**

Project Coordinates: 40.413089 120.0835459

**Summary of Project:** The purpose of this project is to remove concentrations of hazard trees along open system roads and recreation areas, recover the value of fire damaged trees, establish a new cohort of young trees within tree removal areas, rehabilitate watershed features damaged by the fire, and protect aspen regeneration within stands that are now exposed due to the fire.

Project Map:



**CSSRI:****Cooperative Sagebrush Steppe Restoration Initiative**

The *Cooperative Sagebrush Steppe Restoration Initiative* is an informal partnership that began in 2004, with the principal 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 19,000 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 to 2012.

WUI Area: Ash Valley

Funding: Planning/Not Funded

2022 Planning

Number of Acres: 1900

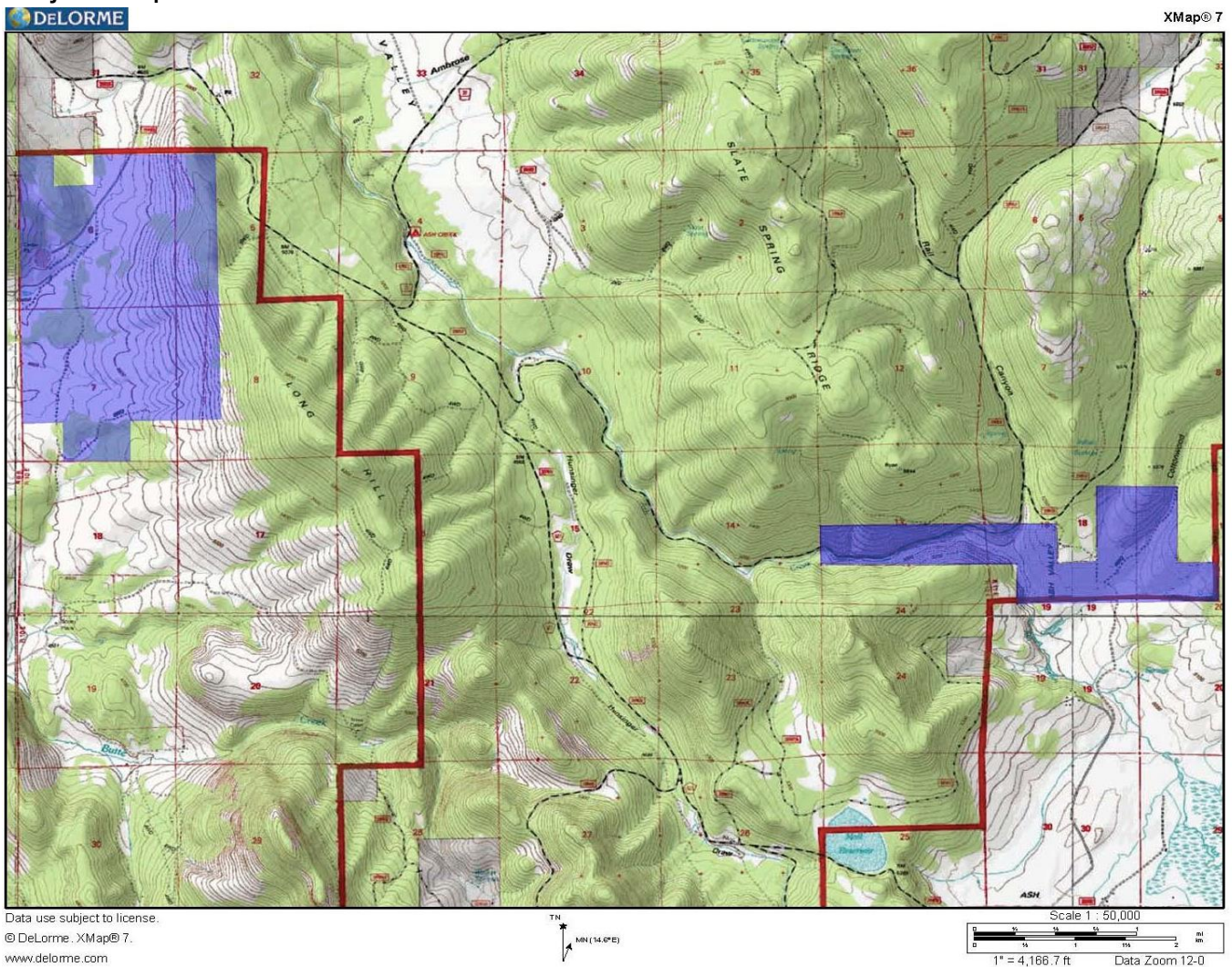
Agency or Agencies: LFSC

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: McBride Springs DFPZ  
2022 Planning

Funding: Planning/Not Funded

Number of Acres: 743

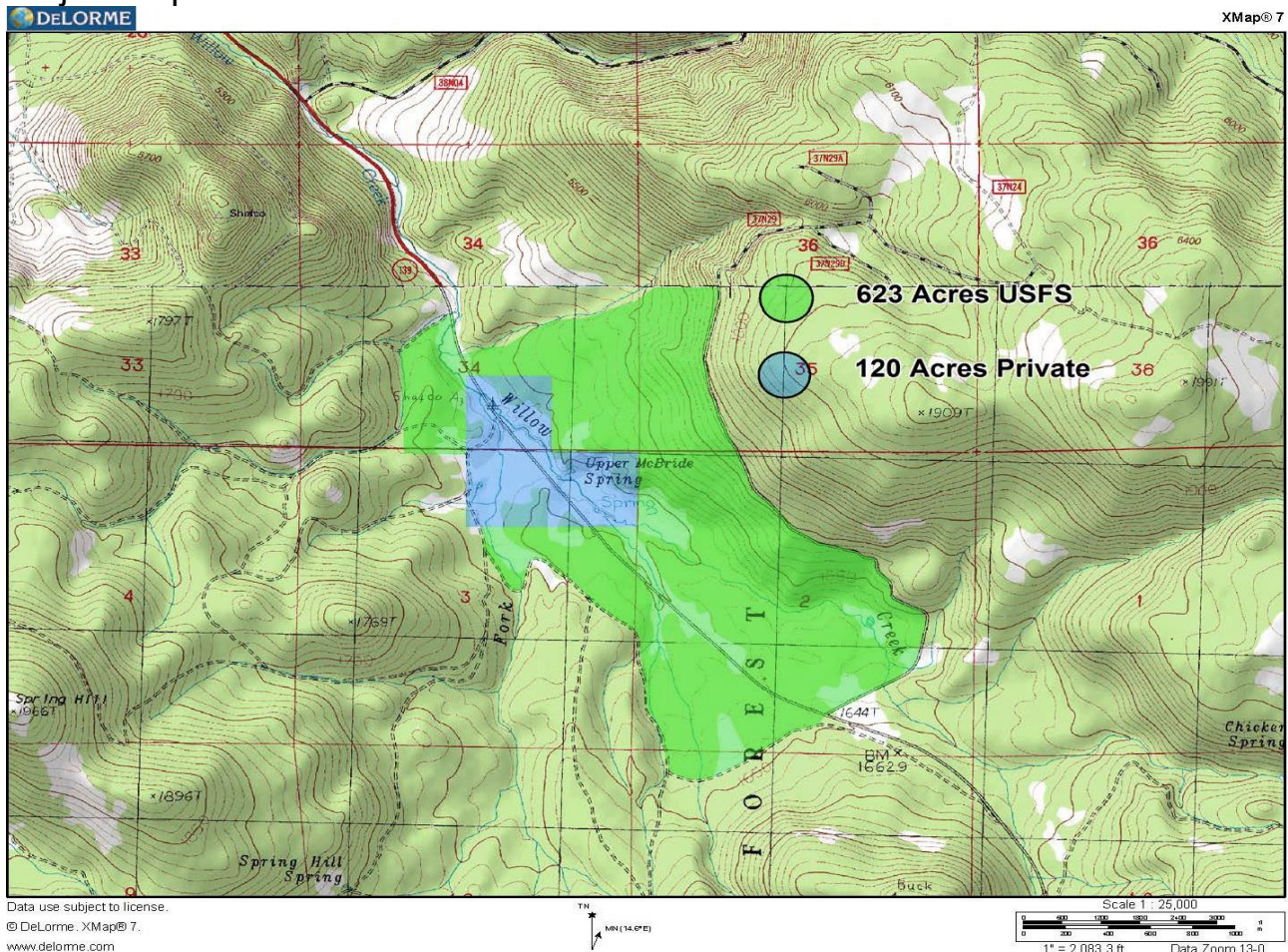
Agency or Agencies: LFSC, MDF

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.

Project Map:





WUI Area: Grasshopper DFPZ

Funding: Planning/Not Funded

2022 Planning

Number of Acres: 2131

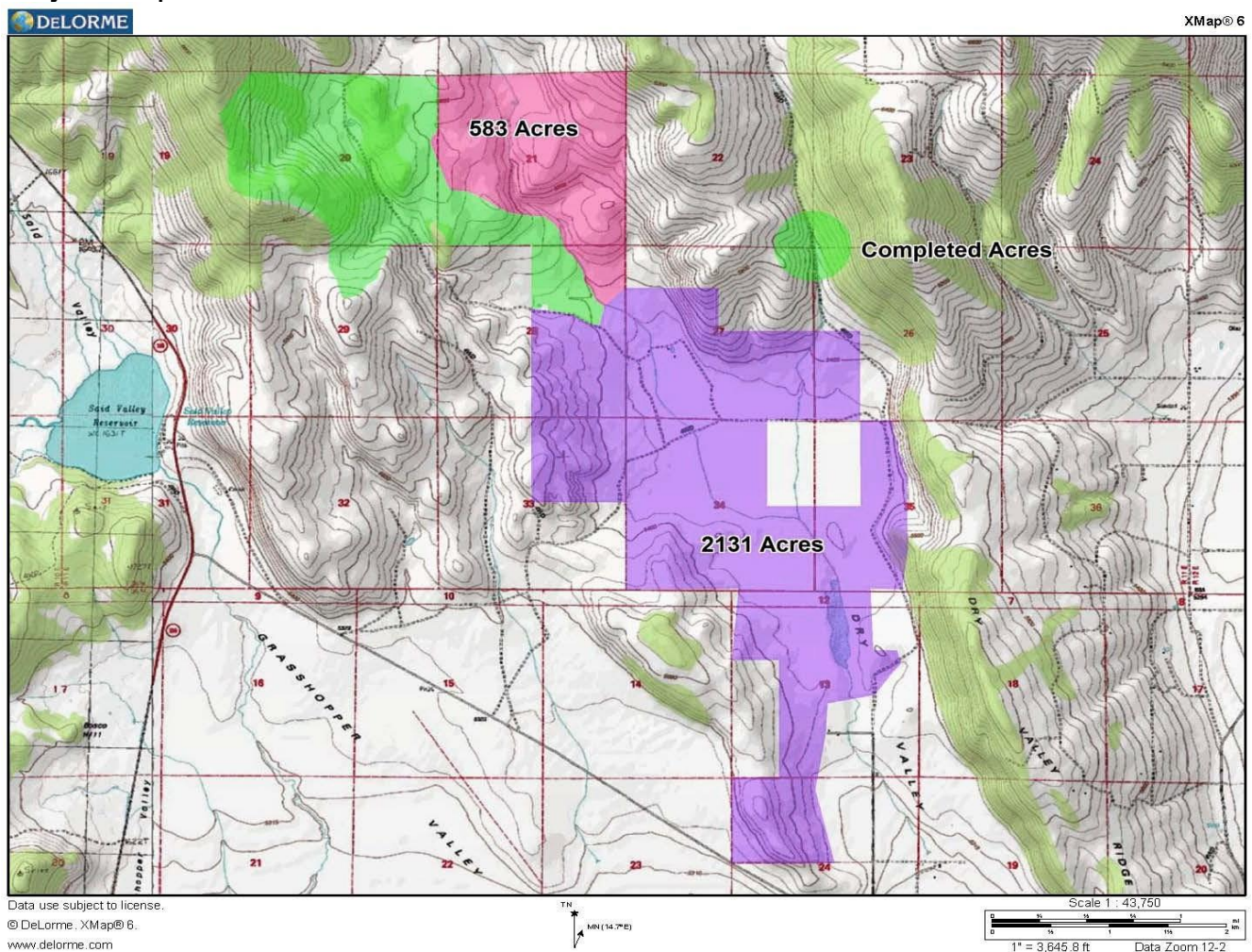
Agency or Agencies: CSSRI

Project Name: **McClelland Watershed/Wildlife Habitat Restoration Project**

Project Coordinates: N40.9199 W120.7020

**Summary of Project:** CSSRI, through its partners PRCD & LFSC, may make 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:



## **BATTALION 1 PROJECTS**

Battalion 1 is working closely with the Lassen Fire Safe Council. (LFSC)

The following communities and projects have been identified.

### **Cheney Creek Fuel Break**

The Cheney Creek project is a future planned project that will create a fuel break approximately 6 miles in length spanning from Susan River south to Gold Run Road with the intention of stopping the spread of fire into the community of Susanville. A large portion of this project will focus on thinning, pruning and treatment of ground fuels through the Devil Fire and Willard Fire plantations on private industrial timberland. Treatment options will include both mechanical and hand treatments.

### **Diane Vegetation Fuel Reduction Project**

CAL FIRE is planning for a potential vegetation fuel reduction project spanning from highway 395 south of Johnstonville west to Wingfield Road. The proposed project will require cooperation from CDFW and several large private landowners in the area. The main purpose of the project is to establish a fuel break for the communities located east of Wingfield Road and south of Richmond Road to the east, Diamond Crest and Diane Drive. The treatment method would largely consist of mastication, hand cutting, chipping and piling of vegetation and the use of prescribed fire.

### **Spaulding Fuel Reduction Planning and Risk Assessments**

LFSC 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. Green waste days will be planned for the Summer of 2020-done. Work will complement previously completed work by LNF. They may be asking for funding and/or assistance from Lassen County/Title III, CFSC, CalFire, Lassen County RAC or USFS.

### **Letter Box**

LFSC will be seeking funds for 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.

### **Doyle Fuel Treatments and Risk Assessments**

LFSC, in conjunction with the Plumas National Forest and Bureau of Land Management, is in the initial planning stage of assisting the community of Doyle in gaining Firewise Community status, and with a possible fuels treatment project that could include fuel breaks in sagebrush areas surrounding the community. Also under consideration is private land forest thinning with cooperating landowners that are adjacent to Plumas National Forest.

### **Thompson Peak Initiative**

The Lassen Fire Safe Council will partner with Cal Fire for the Thompson Peak Initiative which covers approximately 92,000 acres of private and public lands (federal lands are managed by the U.S. Forest Service and Bureau of Land Management). The project is situated between the unincorporated communities of Milford and Janesville, and the 2019 54,608-acre Walker Fire. The project spans across the North Slope and top of the Diamond Mountains and lies entirely within the Wildland Urban Interface of the Milford and Janesville areas.

### **Diamond Mountain Forest and Watershed Restoration**

LFSC has received funding to conduct approximately 4,400 acres of fuel treatments from the CAL FIRE CCI/FH program. This is a collaborative forest and watershed restoration project developed by the Diamond Mountain Initiative, whose principal partners include LFSC, USFS, BLM, CAL FIRE, Lassen County and others. The project will treat USFS land and matching funds will treat adjacent private land. Treatments will consist of the thinning of mixed conifer forest and aspen stands, using uneven-aged management to increase stand complexity and carbon sequestration within all forest types.

LFSC is also completing a 900-acre Forest and Watershed Restoration project on private land that was funded by Sierra Nevada Conservancy, which was completed, however LFSC is doing additional treatments on private lands adjacent to our Diamond Mountain USFS treatments.

LFSC has received additional funds from Sierra Nevada Conservancy to conduct fuel treatments on USFS land as part of the Diamond Mountain Initiative.

### **Education Program**

LFSC for funds to support the “Firewise in the Classroom” 6th grade education program. This program is a one week long, one hour per day, youth education curriculum on forest health and fire safety which includes family involvement in the development of their family disaster plan. The program follows the State educational framework and is implemented in 10 different schools in Lassen, Shasta and Modoc Counties. The application would also provide funds for the countywide distribution of fire prevention educational materials.

### **McBride Springs Upland Restoration**

This project is through the Cooperative Sagebrush Steppe Restoration Initiative (CSSRI), and its partners LFSC and Pit Resource Conservation District, in cooperation with the USFS. CSSRI continues to look for possible sources to fund the treatments on private and USFS lands. 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.

### **McClelland Watershed/Wildlife Habitat Restoration**

A 583-acre portion of the project was completed in 2012. This proposed 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. CSSRI, through its partners PRCD and LFSC continues to look for possible sources to fund the treatments on McClelland Ranch, private lands in North Grasshopper Valley.

### **South Eagle Lake WUI Fuel Treatments**

LFSC has received funding to conduct approximately 5,600 acres of fuel treatments from the CAL FIRE CCI/FP program. Project continues Lassen Fire Safe Council’s landscape scale WUI hazardous fuel reduction and removal fuel treatments, including dead and dying trees, within the South Eagle Lake watershed. The project is located in the northwest quadrant of the greater Susanville, California community where we have recently completed 1,462 acres of private land treatments under the first CAL FIRE GHG pilot grant program. With this project, they will be implementing 5,737 acres of hazardous fuel reduction and removal treatments, including dead and dying trees, on private land within the SRA, all within the Very High Hazard Fire Severity Zone. The project will reduce wildland fire risk for 3,520 habitable structures within the 49,238-acre Project Area/Area of Influence. The entire project area lies within a Wildland Urban Interface Zone (WUI).

### **Lassen Creek Forest Restoration Project**

The Honey Lake Valley RCD has received partial funding for this project. They are seeking funds to continue implementing fuel reduction projects (mechanical thinning, hand thinning, mastication, pruning, piling/burning, prescribed fire) within the project area that create a fire resilient forest that is still capable of producing timber at maximum sustained yield while retaining ecosystem function for wildlife and the watershed and providing a landscape level fire break for the Susanville and Janesville communities.

### **Peg Leg Lookout Tower**

In 1984, Peg Leg Lookout Tower was dismantled on its site on Peg Leg Mountain to make room for a new lookout tower. The old tower was reconstructed at the Lassen County Fairgrounds through a joint effort by the Northeastern California Fire Prevention Council (NCFPC). The lookout tower is used each year to educate the public about the use of lookouts by state and federal fire agencies and to teach about fire prevention. Over 90,000 people visit the fairgrounds each year. The LCFSC will seek funds to repair the lookout tower which is in desperate need of attention.

### **Officeview Fuel Treatment**

The project will treat fuels along the State Highway 36 in the vicinity of the 101 Ranch. Fuels loads will be reduced by timber operations, biomass thinning and mastication. Highway 36 receives large volumes of commercial and personal vehicle traffic during the fire season. Resources at risk include: residential, recreational and commercial structures (Westwood and Coppervale); utility infrastructure (LMUD); critical wildlife habitat; private and federal timberland.

### **V-line Dyer Fuel Treatment**

The project will treat fuels along SPI's V-Line on the north and west slope of Dyer Mountain. Fuels loads will be reduced through biomass thinning and mastication. The area receives moderate recreational use by the public for activities such as walking and hunting. Resources at risk include: residential and commercial structures (Westwood and Clear Creek); utility infrastructure (Indian Ole Dam and associated electric lines); critical wildlife habitat; private and federal timberland.

### **Honey Lake Valley Wildlife Area - Dakin and Fleming Units (500 - 700 acres)**

Honey Lake Wildlife Area is a cooperative project between the Lassen Modoc Unit and the Department of Fish and Wildlife. The Wildlife Area is managed for multiple uses for wildlife

and public benefit and has been treated historically using a variety of vegetation management options, including disk pulling tractor equipment and past use of fire. The current project effort will be to continue in partnering with the Wildlife Area managers to assist them with treating fuels and vegetation where practical.

### **Hog & Sheep Fire Reforestation**

LFSC applied for FEMA CAL FIRE Forest Health Funds to reforest areas that were burned in the 2020 Hog & Sheep Fires. Reforestation that includes emergent brush treatments will help prevent burned areas from becoming future volatile brush fields.

## **BATTALION 2 PROJECTS**

Battalion 2 is actively working with the communities of Westwood, Clear Creek and the Lake Almanor Basin. The Basin Communities include Hamilton Branch, Peninsula, West Almanor, Prattville and Chester. Battalion 2 is also working closely with the Plumas County Fire Safe Council and Lassen Fire Safe Council (LFSC). To this effort, the following communities and projects have been identified.

### **Dyer Mountain Initiative**

LFSC has completed over 900 acres of the project to date in the Clear Creek Area. The new Dyer Mountain Initiative now stretches from Pine Town on the east to Hamilton Branch on the east. Partners include: Clear Creek & Westwood Community Service Districts (and their fire Departments, CAL FIRE, SPI, W.M. Beaty & Associates and PG&E. Forests will be thinned and 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, provide additional treatments around homes and construct additional fuel breaks. Additional treatment funds are being requested from CAL FIRE to perform more mastication, thinning and community treatments that will restore the watershed and reduce hazardous fuel loads within and around the Clear Creek community.

### **Mountain Meadows**

The project will treat fuels along SPI's MM-Line on the south side of Mountain Meadows Reservoir. Fuels loads will be reduced by lopping and scattering and by mastication. The area receives moderate recreational use by the public for activities such as walking, fishing and hunting. Resources at risk include: residential and commercial structures (Westwood and

Clear Creek); utility infrastructure (Indian Ole Dam and associated electric lines); critical wildlife habitat; private and federal timberland.

### **Plumas Prescribed Burn Association**

The PCFSC has partnered with the Feather River Resource Conservation District and the Plumas Audubon Society to support a citizen's Prescribed Burn Association (PBA) for landowners wishing to safely and efficiently burn on their properties. The Association will provide coordination and training, and share skills and equipment. The PBA provides a resource to meet Plumas County's need to reduce woody material and surface fuels on private property and to maintain previous fuels treatments.

### **La Porte Road Hazardous Fuel Reduction Project**

The PCFSC has started implementation of a 33.3-acre project along La Porte Road, southeast of the community of Quincy. Treatment includes mastication and hand thinning of material up to 10" diameter with a target tree spacing of 12-18 feet. The operator contracted for mastication is Winningham Forest Management. The project is privately funded by landowner contributions collected during previous PCFSC projects along La Porte Road.

### **Plumas County Chipping Program**

The PCFSC administers a county-wide chipping program addressing perennial green waste issues and encouraging creation of defensible space. The program manager collaborates with community volunteers to conduct outreach, ensures program guidelines are followed, and inspects chipping contractor work. 2019 will be the fourth year of continuous operation of the program. The PCFSC also has a defensible space assistance program for senior and physically disabled residents that has been in operation for fourteen years.

### **Mohawk Vista/C-Road Hazard Fuel Reduction Project**

The PCFSC is ready to implement a 167.9-acre project in the adjoining communities of Mohawk Vista and C-Road. Treatment will be mastication of material up to 10" diameter with a target tree spacing of 12-18 feet. The operator contracted is Professional Slashbusting Services. The project is federally funded and operations will start once the Beckwourth Ranger District has issued a Decision Memo.

### **Plumas Collaborative Forest Health Project**

PCFSC is utilizing CCI Forest Health funds to implement 7,859.2 acres of fuels treatments on the Mount Hough Ranger District and private lands in the East Branch North Fork Feather River Watershed. The project incorporates a cross-boundary underburn, biomass utilization,

mastication and hand-thin treatments. This project fully implements several Quincy Library Group planning projects as well as treatment in the surrounding communities for Meadow Valley, Genesee Woods, and Red Clover Creek.

#### **Portola Hazard Fuel Reduction Project**

The PCFSC is utilizing CCI Fire Prevention funds to masticate 132 acres belonging to a single private landowner adjacent to residences in the community of Portola.

#### **Little Grass Valley Reservoir Watershed Protection Project**

PCFSC is working collaboratively with Plumas National Forest to treat 480 acres of hazardous fuels around the Little Grass Valley reservoir, on the South Fork of the Feather River, to protect the surrounding area around the reservoir, including seasonal cabins, from catastrophic wildfire.

#### **Butterfly Twain Fuels and Forest Health**

PCFSC is working collaboratively with Plumas National Forest to treat 454.9 acres in the WUI around Butterfly Valley. Residents of Butterfly Valley have undertaken fuels reduction on private lands utilizing private funds and the Natural Resource Conservation Service EQIP program. Residents have been proponents for a project on adjacent public lands.

#### **Phase II American Valley Hazardous Fuels Reduction Project**

The PCFSC currently has landowner applications for nearly 150 acres of private land treatments around the community of Quincy in the American Valley. An initial CAL FIRE funded American Valley project in 2016 generated substantial interest from additional landowners. The phase II project will contribute to a near-continuous reduced fuel zone around Quincy.

#### **Lake Almanor Peninsula**

PCFSC is working with the Peninsula Fire Department and large private landowners adjacent to Lake Almanor Peninsula communities to create fuel breaks identified in the communities' Firewise assessments.

#### **Mohawk Valley Hazardous Fuels Reduction Project**

The PCFSC has requested Title II Plumas Resource Advisory grant funds to plan a 250+ acre project in Mohawk Valley, which includes the communities of Graeagle, Whitehawk Ranch, Smith Creek Ranch, Clio, Sierra Estates, and Valley Ranch. The PCFSC is working in collaboration with the Graeagle Firewise Committee to develop the project, which will



compliment fuels projects on adjacent Forest Service lands. Once planning is complete, grant funds will be required to implement the project.

#### **Greenhorn Creek Hazardous Fuels Reduction Project**

The PCFSC has requested CCI Fire Prevention funds to establish a 195-acre fuel break on Sierra Pacific Industries land along the access route to the Firewise community of Greenhorn. The project will treat an additional 37 acres of Community Services District owned lands within the community.

#### **Indian Falls Hazardous Fuels Reduction Project**

The PCFSC is working with the Mt. Hough Ranger District to collaborate on a 750+ acre project across public and private ownerships. In addition to initial treatments, the project will incorporate maintenance of fuel reduction work done on 50 acres of private property in 2005 and 2006.

#### **Chester Hazardous Fuels Reduction Project**

In 2018 Chester became a recognized Firewise community. The PCFSC will work with the Firewise committee to implement projects identified in the community assessment. Initially 34 acres surrounding the Chester airport have been prioritized for treatment.

#### **Grizzly Ranch Hazardous Fuels Reduction Project**

The PCFSC is supportive of a 130-acre project at Grizzly Ranch. Federal Forest Service funds have been requested for the project.

#### **Boyle Ravine Hazardous Fuels Reduction Project**

PCFSC is exploring a potential project in collaboration with the American Valley Community Services District and Plumas Audubon Society to treat fuels in the Boyle Ravine drainage south of Quincy.

#### **La Porte Hazardous Fuels Reduction Project**

Two landowner applications, representing 3.75 acres, have been received from residents of La Porte. Outreach is underway to identify a larger treatment area.

#### **Greenville Hazardous Fuels Reduction Project**

The PCFSC is working with the Mt. Hough Ranger District to collaborate on a large project

across public and private ownerships around Greenville. To date ten landowner applications, representing 44 acres, have been received for private lands in the area.

### **Bucks Lake Highlands Hazardous Fuels Reduction Project**

A single landowner has requested Fire Safe Council assistance with Hazardous Fuels Reduction on 170 acres.

### **Seneca Hazardous Fuels Reduction Project**

Landowners in the remote community of Seneca have requested assistance from the Fire Safe Council to treat public and private lands affected by the Chips Fire in 2012.

### **Eastern Plumas Health Care District Hazardous Fuels Reduction Project**

An application to treat 30 acres around the hospital in Portola has been received by the PCFSC. This project may be incorporated into a larger treatment area.

### **Living with Fire Outreach**

The PCFSC has requested CCI Fire Prevention funds to develop and publish an updated Living with Fire publication and additional outreach materials as part of a coordinated outreach program with Plumas County Office of Emergency Services and Plumas National Forest.

### **Defensible Schools Program**

PCFSC is collaborating with the Plumas Unified School District to develop a defensible schools program.

### **Plumas County Wildfire Evacuation Plans**

The Plumas County Sheriff's Office and Plumas County Office of Emergency Services has completed community wildfire evacuation maps with suggested primary and secondary evacuation routes. These maps were developed as an interagency effort and are available on line at Plumas County's Office of Emergency Services webpage.

This factor is critical to agencies providing emergency services, not only for wildland fire purposes, but all emergency vehicle access. Plumas County strives to have all residences and communities meet Public Resource Code 4290 requirements for road and address signage. Currently a standard exists in Plumas County for new construction, but not older

structures. The County is considering modifying code measures which may include, but not be limited to, requiring proper signage upon sale.

### **Plumas CWPP Update**

In 2019, the PCFSC will evaluate the Plumas Communities Wildfire Protection Plan and Hazardous Fuel Assessment to identify needed updates and will pursue funds to implement the updates.

### **Watershed Mapping**

The PCFSC, Plumas Corporation, and Plumas County are collaborating to update and maintain Feather River Watershed maps that incorporate past and current treatments, site conditions, and Communities at Risk. These maps will be used to prioritize projects and collaborate across landownerships.

### **Hamilton Branch**

The fuel break is approximately 280 acres in size located on SPI lands. The fuel break was approved in 2008 and work was performed through 2010 in the area located north of the Hamilton Branch Community, spanning from Hamilton Branch west to Plumas County Road A-13 and north along the roadway approximately 1 mile south of State Highway 36. Additional CEQA coverage was approved in 2018 utilizing a categorical exemption. Portions of the project are included in an approved Timber Harvesting Plan and will likely see timber harvest operations soon. Treatments will be coordinated with SPI to be completed upon completion of proposed timber harvesting activities by the landowner. The project area as currently approved may be treated by hand crews only consisting of hand thinning, pruning, using a towable chipper form existing roads and hand pile and burn to maintain the fuel break. A new Notice of Exemption is being developed in the same project area that would allow for mechanical treatments including mastication.

### **Hog Flat**

The Lassen Modoc Unit carried out a hand crew treated fuel break approximately 10 years ago along State Highway 44. The project is located approximately 3 miles northwest of the Highway 44 and Highway 36 junction spanning from the Goumaz Road, east of Hog Flat Reservoir, to the western edge of the Goat Fire along both sides of the highway.

Maintenance treatments proposed for the fuel break include hand treatments such and

removing fuels from the base of commercial conifers, pruning and cutting brush to reduce fuel loading and emergent brush sprouting. Prescribed fire will also be used where possible. The entire project has completed environmental review and a signed agreement with the industrial land owner.

#### **West Almanor Forest Health Grant (West Almanor/USFS/Private Industry/Residential WUI)**

This project area incorporates three different private industrial ownerships and portions of the Lassen National Forest. A smaller area includes summer cabins and residential parcels in the south. The area spans (piecemeal) from along State Highway 36, west of Chester in Plumas County to near Childs Meadows in Tehama County, the West Almanor area along Highway 89 and portions located near Rock Creek and upper Robbers Creek in Lassen County. The Grant work is to include forest health benefitting treatment and monitoring and study. The grantee will contract out work in some instances in order to facilitate fulfilling the time constraint of the grant.

### **Battalion 3 Projects**

Battalion 3 is working closely with the Modoc County Fire Safe Council, The Lassen Fire Safe Council (LFSC) as well as Local Government Fire Fighting Agencies towards community preparedness in the event of wildland fire threats. To this effort, the following communities and projects have been identified.

#### **McBride Springs Upland Restoration**

This project is through the Cooperative Sagebrush Steppe Restoration Initiative (CSSRI), and its partners LFSC and Pit Resource Conservation District, in cooperation with the USFS. CSSRI continues to look for possible sources to fund the treatments on private and USFS lands. 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.

#### **McClelland Watershed/Wildlife Habitat Restoration**

A 583-acre portion of the project was completed in 2012. This proposed 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. CSSRI, through its partners PRCD and LCFSC continues to look for possible

sources to fund the treatments on McClelland Ranch, private lands in North Grasshopper Valley.

### **Big Valley Mountain WUI Fuel Treatments**

Project continues Lassen Fire Safe Council's landscape scale WUI hazardous fuel reduction and removal fuel treatments, including dead and dying trees, within the Big Valley Mountain range. With this project we will be implementing 13,400 acres of hazardous fuel reduction and removal fuel treatments, including dead and dying trees, on private land within the SRA, primarily within the Very High and High Hazard Fire Severity Zones. The project will reduce wildland fire risk for 491 habitable structures within the 51,826-acre Project Area/Area of Influence. The vast majority of the project area lies within a Wildland Urban Interface Zone (WUI). The project merges and implements three previous CWPP projects: Day Lassen Bench, Lookout and Big Valley Mountain Fuelbreak.

### **Lookout Watershed Restoration & WUI Treatments**

LFSC and Pit Resource Conservation District (PRCD) have completed treating 3,000 acres and will be applying for additional funding as opportunities arise. This 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 Sierra Nevada Conservancy and the California Fire Safe Council. CAL FIRE has committed conservation crews to assist with follow-up hand treatments. This phase will focus on fuels west of the railroad tracks. Additional treatments will be conducted within the Lookout Ranchettes if sufficient funding is available. The project lies within Lassen and Modoc Counties and is also a top priority in the Modoc County Community Wildfire Preparedness Plan.

### **Madeline**

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 merges our previous Ash Valley IV and Spooner Reservoir projects.

### **Little Valley Forest & Meadow Restoration Project**

LFSC has received partial funding for this project. They will continue to seek funds to complete project. Primary work is the removal of invasive western juniper and forest thinning in overstocked pine stands. 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 may also include prescribed fire follow-up/maintenance of previously completed treatments.

### **Ash Watershed Restoration**

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.

### **Ash Valley III Watershed Restoration**

CSSRI has implementing this watershed restoration project on private and BLM managed land since BLM completed NEPA in 2011. Partial funding has been obtained from Lassen RAC, NRCS, SNC, DWR, 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. The balance of the mechanical treatments await completion.

### **Ash Valley IV Watershed Restoration**

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 LFSC 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.

### **County Road 91/SPI Fuel Break**

This is a future Vegetation Management Program (VMP), cooperative project, being prepared in consultation with the Bieber Battalion 3 and a private industrial landowner. The location is along the middle to northern end of County Road 91 and incorporates area along both sides of the county road right of way and into the timber stands. The area is currently included in an active Timber Harvest Plan (THP). When harvest is completed and all required work is done, the THP will be signed off and a VMP project will be prepared. This may include a suite of fuel reduction and fuel treatment practices based on hand crews and limited mechanical operations

**Foothill Road Fuel Break**

The Intermountain Inmate Camp had a fuel break installed around the camp following a wildland fire that threatened evacuation. The future proposed project will be located south of Intermountain Camp along Foothill Road and tying into the west side of Highway 299 to the south. The project would largely consist of creating a shaded fuel break coupled with mastication, pruning, pile and burn and possibly prescribed fire.

**Ash Creek Wildlife Area (100-200 acres)**

Ash Creek Wildlife Area is a cooperative project between the Lassen Modoc Unit and the Department of Fish and Wildlife. The Wildlife Area is managed for multiple uses for wildlife and public benefit and has been treated historically using a variety of vegetation management options, including past use of fire. The current project effort will focus on preparing a fuel reduction and vegetation treatment plan to be used in partnering with the Wildlife Area managers.

**Service Gulch**

Service Gulch is a 317-acre fuel reduction project located on SPI lands approximately 10 miles north northwest of Lookout, CA. The project was started as a VMP that expired in December 2021. Work is being completed to maintain CEQA compliance to finish treatments on the project. The fuels treatment mechanism that is most favored is broadcast prescribed fire. Piling and other means of fuel manipulation may be used to increase dead fuel loads to assist in the burning prescription, as the fine fuels are lacking in portions of the project area.

## Firewise

In Fall 2022, LFSC made a renewed commitment to its Firewise communities, pledging increased administrative and financial support to strengthen these communities. Additionally, Westwood just received its recognition as a Firewise community. In 2023, LFSC has committed to obtaining certification for the communities of Doyle and Bieber. We recognize the importance of strong, resilient Firewise councils in protecting homes and properties from the effects of wildfires and will work with leadership to build support for the councils and to work on more robust action plans for the communities.

### 2022 Firewise Communities and Leaders:

Communitiy	Resident Leader
Lake Forest Estates	Melissa Ipsen
Clear Creek	Nicki Moroney
Stones-Bengard	Ryan Barney
Stones-Bengard	Cheryl McCormack
Janesville	Kam Vento
Spalding	Ed Lawson
Milford	Sandy Jansen
Day-Lassen Bench	Ruth Morentz
Susanville	James Moore
Westwood	Jackie Cordova



## Evacuation/Emergency Response

LFSC is recommending that there be a greater emphasis in future CWPP updates to include information on public safety awareness/evacuation plans/routes/safe zones for the public in the event of a wildfire. A number of the Firewise communities have brought concerns regarding these issues to our attention.

As a part of improving our processes, we would also like to connect with the local district and volunteer fire departments to hear their concerns and any resource needs they may have as they are an integral part of keeping our communities safe. We will seek funding, where possible, to meet those needs.



## LASSEN COUNTY SHERIFF'S OFFICE

1415 Sheriff Cady Lane Susanville, CA 96130

**Administration**  
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Fax: (530) 251-2884

**Dispatch**  
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Fax: (530) 257-9363

**Civil**  
Phone: (530) 251-8014  
Fax: (530) 251-2884

**Adult Detention Facility**  
Phone: (530) 251-5245  
Fax: (530) 251-5243

**Dean F. Growdon**  
Sheriff - Coroner

The Lassen County Sheriff's Office utilizes [Zonehaven](#) as a County-wide evacuation solution. Zonehaven is a web-based platform that identifies evacuation zones for the entire County. This program is utilized for all emergency types including but not limited to fire, hazardous material incidents, earthquake, law enforcement activity and floods. When the Sheriff has determined areas of the County need to be evacuated a zone status will be changed. The online map will show the zones that have changed and, if necessary, provide suggested evacuation routes and evacuation locations. Zonehaven is also capable of identifying traffic control points.

The unpredictable nature of all emergency incidents makes pre-planning of evacuation routes difficult. Pre-planned evacuation routes are rarely beneficial and at times make an otherwise safe evacuation less efficient. Evacuation warnings/orders are issued early enough to allow individuals to start moving non-ambulatory family, large animals, trailers and equipment to safe areas outside the path of the fire/emergency. This reduces the strain on typical routes that would be used during an evacuation order. If necessary, evacuation routes will be added to Zonehaven and may be referenced while reviewing zone statuses.

The Sheriff's Office utilizes Genasys Emergency Management ([GEM](#)) as an alert and warning platform. A person may register a new account or log into an existing account. Once an account is created a person may add as much or as little personal information they wish. Location, email and phone number are all examples of what may be added. This would be used in tandem with Zonehaven zone status changes. The Sheriff will issue alerts/warnings during zone status changes. Alert/warnings will also be issued during other emergencies, for example, citizens within close proximity of a developing law enforcement situation may be advised to shelter in place.

GEM is also utilized to send Integrated Public Alert and Warning Systems (IPAWS) notifications. IPAWS is a national system for local alerting that provides authenticated emergency and life-saving information to the public through mobile phones using Wireless Emergency Alerts. IPAWS also allows the local alerting agency to contact individuals that have not enrolled in the GEM alert and warning platform.

Additionally, if a community member had previously enrolled in Lassen County alerts through CodeRED their contact information has been migrated to the new GEM platform. You can now log into GEM and update your information.

To sign up for GEM or to view Lassen County evacuation zones visit:

<https://www.lassencounty.org/alerts>

Dean F. Growdon  
Sheriff - Coroner