

## Appendix C: Actions Considered for Cumulative Effects

Current and future foreseeable actions considered for analysis within the twenty-nine 6<sup>th</sup> field watersheds (Table C-1) that intersect the Westside Fire Recovery Project boundary are listed below. Actions considered for cumulative effects can vary by resource. See chapter 3 for details. Ongoing and future foreseeable actions are discussed in separate sections. The stage of each project is listed in parenthesis. For the purpose of this project, it is assumed that private Timber Harvest Plans (THPs) submitted between 2010 and the present are still on-going and will be analyzed under cumulative effects; THPs submitted prior to 2010 are considered past actions. Additionally, to account for current year salvage projects on private property under cumulative effects analyses, it is assumed that all private lands burned at moderate to high severities are or will be salvage logged.

**Table C-1: The twenty-nine 6th field watersheds that intersect the Westside Fire Recovery Project boundary separated by fire area subpart.**

Subpart	6 <sup>th</sup> Field Watershed	
A - Beaver	McKinney Creek – Klamath River Horse Creek Kohl Creek – Klamath River Empire Creek – Klamath River	Hungry Creek – Beaver Creek West Fork Beaver Creek Little Humbug Creek – Klamath River Dutch Creek – Beaver Creek
B – Happy Camp Complex	Scott Bar – Scott River Bittenbender Creek – Klamath River Canyon Creek Kelsey Creek East Fork Elk Creek Kohl Creek – Klamath River Seiad Creek	Lower Indian Creek Grider Creek Upper Elk Creek Lower Elk Creek Oak Flat Creek – Klamath River Tompkins Creek – Scott River China Creek – Klamath River
C - Whites	Whites Gulch – North Fork Salmon River Little North Fork Salmon River French Creek Main East Fork South Fork Salmon River	South Russian Creek Sugar Creek – Scott River North Russian Creek Yellow Dog Creek – North Fork Salmon River

### On-going Actions (Klamath National Forest)

#### Eddy Late Successional Reserve Project (Implementation):

The Eddy LSR project is located in Siskiyou County, California within various sections of Townships 38, 39, 40, and 41 North, Ranges, 10, 11, and 12 West, Mount Diablo Meridian.

The purpose of this project is to protect late-successional habitat used by the Northern Spotted Owl and other late-successional dependent species, to protect communities, and to create safer emergency access routes. Two objectives were developed for the project based on current conditions (1) habitat protection and (2) community protection. The selected alternative will treat 25, 969 acres in order to protect late-successional habitat and communities. Within those acres, 16 Fuel Reduction Zones (FRZs), totaling 8,291

acres, will be constructed to increase resistance to the spread of wildfires, 17,524 acres of Prescribed Burn treatments will occur to increase resiliency to wildfires and protect habitat, and 60 miles of Roadside (RS) treatments along emergency access routes will be conducted.

**Elk Thin Project:**

This project is located in the Happy Camp Ranger District of the Klamath National Forest, in Siskiyou County, California. The legal location is various sections in T15-16N, R7-8E, Humboldt Meridian. The purpose and need is to : 1) provide a programmed, non-declining flow of timber products, sustainable through time; 2) Maintain conifer stocking levels and high growth rates commensurate with the capability of the site to produce wood fiber; 3) Manage stands to maintain vigor and resilience to disturbances such as wildfire, insects and disease; and 4) Provide for defense of life and property, maintain water quality in the Happy Camp municipal watershed, and protect suitable habitat for federally listed threatened and endangered species.

Treatments include light thinning and under-burning on 910 acres, and roadside hazard tree removal along two miles of National Forest System Roads.

**Fish Meadow Restoration Project:**

This project is located in Siskiyou County, California, within Township 47 North, Range 10 West, Sections 32-33, Mount Diablo Meridian.

The purpose of this project is to promote growth and vigor of oaks, reduce conifer encroachment on fish meadow, improve wildlife habitat, and reduce the likelihood of future high intensity wildfire and pine mortality from pine beetle outbreaks. Treatments include thinning of small, understory trees, piling, and pile burning. Additionally, the project area will be under-burned.

Glassups Timber Sale (Implementation): This project is located in Siskiyou County, California within Township 40 North, Range 12 West, Sections 25, 35, 36; Township 40 North, Range 11 West, Sections 18 and 19; Township 39 North, Range 12 West, Sections 11 and 12; Township 40 North, Range 11 West, Sections 29-33, Mount Diablo Meridian. In the project, 206 acres of under burning remain to be completed. These treatments are follow-up activity fuels treatments from the Glassups Timber Sale in 2000.

Goff Fire Fuels Reduction Project (Implementation): This project is located near the community of Seiad Valley, in Siskiyou County, California, within Township 46, Range 12 West Section 1-4, 10-11; Township 47 North, Range 11 West, Section 20, 28-29, 31-33; Township 47 North, Range 12 West, Section 32-36, Mount Diablo Meridian.

The purpose of this project is to reduce fuels within the wildland urban interface affected by the Goff fire. Proposed treatments include the removal of fire damaged trees, non-commercial thinning, chipping, mastication, piling and pile burning.

**Happy Camp Fire Protection Project, Phase 2:**

This project is located within the Happy Camp Community “defense zone” (within ¼ mile of private property) and the “threat zone” (within approximately 1½ mile of private property), in Siskiyou County, California.

The purpose of this project is to reduce the threat of catastrophic wildfire to the community of Happy Camp by reducing hazardous fuels adjacent to or within 1½ miles of improved private land, and also provide a fuel-break along a strategic ridge that would connect to the road system surrounding the community. Treatments include 221 acres of commercial thinning, 101 acres of pre-commercial thinning, 748 acres of under-burning, and the creation of a 54 acre fuel break from Highway 96 toward Cade Mountain.

**Johnny O'Neil Late Successional Reserve Habitat Restoration and Fuels Reduction Project:** This project is located north of Horse Creek, Hamburg, and Seiad Valley, in Siskiyou County, California, within Township 47 North, Range 11 West, Sections 15, 22-27; Township 47 North, Range 10 West, Sections 20 and 30; Township 46 North, Range 11 West, Sections 1-3 and 10-15; and Township 46 North, Range 10 West, Sections 6 and 18, Mt. Diablo Meridian.

This project proposes to retain and promote the development of late-successional habitat and reduce the risk of large, high severity wildfires to move toward more ecologically resilient conditions on approximately 7,280 acres of the Johnny O'Neil Late Successional Reserve. Proposed treatments include a combination of under-burning, mastication and thinning of small trees, and thinning of larger trees using variable density thinning techniques.

**Lake Mountain Foxtail Pine Botanical Special Interest Area:** This project is located near the community of Hamburg, in Siskiyou County, California, within Township 45 North, Range 11 West, Section 17, Mount Diablo Meridian. The project includes pile burning, which is complete, and foxtail pine planting planned for spring 2015.

The purpose of this project is to restore the existing stand of Foxtail pine and promote the continued growth of Foxtail pine within the Lake Mountain Botanical Special Interest Area. Treatments include the hand-thinning, piling and pile burning of conifers (mostly red fir and Doug fir) less than 10 inches DBH on approximately 37 acres within the Lake Mountain Botanical Special Interest Area.

**Lower Scott Roads Maintenance and Stormproofing Project:**

This project is located throughout the Lower Scott River Watershed (5th field), in Siskiyou County, California

The purpose of this project is to stormproof 40.4 miles of road in the lower Scott river 5<sup>th</sup> field watershed. Storm-proofing consists of improving road drainage to protect the road surface and upgrading stream crossings to reduce the maintenance needs and protect riparian and stream ecosystems. About 2.05 miles of road will be placed in hydrologic storage, and about 56.95 miles of road will undergo road maintenance work including improving drainage and upgrading road surfaces to reduce sediment delivery to stream systems. The project also added 26 miles of non-system roads to the road system to provide better maintenance of the road in the future.

**Lower Scott Roads Project:** This project is located throughout the Lower Scott River Watershed (5th field), in Siskiyou County, California

The purpose of this project is to decommission 26 road segments totaling approximately 12 miles. Decommissioning work includes complete removal of all stream crossing fills and culverts, crushing and burying inlets (and/or removal) of cross-drain culverts, partial

removal of fill material from swales, outslope road surface, excavate and/or stabilize road cut and fill failures, seed and mulch disturbed areas, and obliterate take-off.

**Mill Luther Watershed Restoration Project:**

This Project is located on roads throughout the Indian Creek 5<sup>th</sup> –field watershed, north of Happy Camp, in Siskiyou County, California.

The projects purpose and need is to protect water quality and fish habitat in the Indian Creek watershed by: 1) reducing the risk of channel/road crossings failing during large storm events; 2) reducing the amount of fine sediment within the road prism, if a failure should occur and 3) reduce the miles of Forest Service system roads to match projected declining road maintenance dollars.

The project would decommission a total of 9.5 miles of NFTS roads, stormproof a total of 90.3 miles of NFTS roads, put 6 miles of NFTS roads into self-maintaining storage and convert 1.8 miles of road into a Forest trail.

**North Fork Roads Storm-proofing Project (Implementation):**

This project is located in Siskiyou County, California within Township (T) 39N, Range (R) 10W, Sections 4, 5, and 8 Mount Diablo Meridian (MDM); T39N, R11W, Sections 3-6, 10, 11, 14, 15, and 16 MDM; T39N, R12W, Sections 7-12, and 16 MDM; T40N, R10W, Sections 8, 9, 14-16, 18-23, 29-30 MDM; T40N, R11W, Sections 7, 12-13, 18-19, 26, 29, 31-36, MDM; T40N, R12W, Sections 11-17, 24-26, and 34-36 MDM; T41N, R10W, Sections 20-21, and 28-29 MDM; T41N, R11W, Sections 31, and 35 MDM; T41N, R12W, Sections 26-27, and 35 MDM; T10N, R8E, Sections 6, and 16 Humboldt Meridian (HM); T11N, R8E, Sections 28, and 31 HM.

The purpose of this project is to reduce stream sedimentation originating from roads. Approximately 90.8 miles of roads (32 roads total), within the North Fork Salmon River watershed, were identified for storm-proofing. Storm-proofing may entail any or all of the following treatments: outslope road surface (3-5 percent), minimize road width, apply rock aggregate, add rolling dips, stabilize road prism landslides, upgrade stream crossing culverts, treat stream crossings to reduce fill, eliminate in-board ditches, and spot rocking.

**Oak Flat Thin Project:**

This project is located in Siskiyou County, California within Township 17 North, range 6 east, Section 2, 11; Township 16 North, Range 6 East, Section 25, 36; Township 16 North, Range 7 east, Section 19, 28-32; Township 15 North, Range 7 East, Sections 5, 6, Humboldt Meridian.

The purpose of this project is maintain stand health and resilience, provide a flow of timber products, restore fire to its natural role, and to protect and enhance conditions of late-successional reserves. Treatments include commercial thinning and subsequent fuels treatment on approximately 438 acres, and under-burning on an additional 570 acres outside of commercial thinning units.

**Petersburg Pine Restoration Project:**

This project is located near the community of Cecilville, in Siskiyou County, California, within Township 37 North, range 11 West, Section 3-12, 14-18; Township 38 North, Range 25 West, Section 25, Mount Diablo Meridian.

The purpose of this project is to reduce hazardous fuels in the Cecilville area, retain and reestablish forest ecological resilience, and improve wildlife habitat by implementing the Forest Elk management Strategy and meet the big game objectives of the Forest Plan. Proposed treatments include thinning, fuel reduction (fuels-breaks, roadside, and WUI), and under-burning activities on 7,350 acres.

**Salmon Reforestation Project (Implementation):**

This project is located near Sawyers Bar and Forks of the Salmon, in Siskiyou County, California, within Township 40 North, Range 11 West, Section 7-10, 15-21, and 30; Township 41 North, Range 12 West, Section 35; Township 40 North, Range 12 West, Section 10-24 and 27-31, Mount Diablo Meridian; Township 10 North, Range 8 East, Section 4-6 and 8-9; Township 11 North, Range 8 East Section 28 and 32-33, Humboldt Meridian.

The purpose of this project is to promote reforestation and reduce fuel loading in areas to be planted on National Forest System lands burned during the Salmon Complex (part of the Forks Complex). The proposed treatment is needed to facilitate establishment of forest cover and diversity within the burned plantations and natural stands and reduce the amount of hazardous fuels created by fire-related tree mortality. This project will maintain, protect and eventually restore conditions of late-successional and old growth forest ecosystems, which serve as habitat for associated organisms. Proposed treatments include approximately 395 acres of site preparation and planting and approximately 510 acres of planting only (including 340 acres of Salmon Salvage Project units and 170 acres of Inventoried Roadless Areas) for a total of 905 treated acres. The Salmon Salvage Project units are proposed to be planted regardless of the salvage harvest.

**Salmon Salvage Project:**

This project is located at T40N R11W S7-10, 15-21, 30; T41N R12W S35; T40N, R12W S 10-24 and 27-31, Mount Diablo Meridian; T10N R8E S 4-6 and 8-9; T11N R8E S28 and 32-33, Humboldt. The 14,779-acre project area is within the area burned by the Salmon Complex in 2014. The project is intended to abate hazard trees along the roads, salvage fire-damaged trees and to aid in reforestation of the area. The project will meet the purpose and need on about 1,240 acres by salvage logging (on about 270 acres) and removing roadside hazard trees (on about 973 acres along 23 miles of road).

**Seiad Creek Legacy Roadbed Rehabilitation Project:** This project is located north of Seiad Valley, in Siskiyou County, California, within T 46N, R 11W, Sections 5, 7, and 8; T 47N, R 11W, Sections 18, 20, 27, 28, 32-34; and T 47N, R 12W, Sections 13, Mt Diablo Meridian.

The projects purpose and need is to: 1) improve the condition of the Seiad Creek watershed as defined in the USFS Watershed Condition Framework; 2) Repair legacy sediment sites to address sediment load allocations of the Klamath Stream Temperature TMDL and conditions of the water board waiver and 3) maintain and restore the condition of Riparian Reserves and in steam aquatic habitat

Treatments include hydrologic stabilization of about 6 miles of existing roadbeds and maintenance of about 5 miles of NFTS roads needed to access the existing roadbeds.

**Singleton Project:**

This project is located near Scott Bar, in Siskiyou County, California, within Township 45 North, Range 9 west, Section 10, 16, 18, 20, 32; Township 45 North, Range 10 West, Section 24, 26, Mount Diablo Meridian.

The purpose of this project is to promote late-successional and old-growth habitat, increase the resiliency of mid-seral vegetation, and to promote connectivity between late-successional reserves. Proposed treatments include commercial thinning, non-commercial thinning, under-burning, roadside fuels reduction, maintenance of existing fuels breaks, and creation of new fuel breaks.

**South Taylor Roadside Hazard Project:**

This project is located southwest of Callahan, in Siskiyou County, California within Township 38 North, Range 11 West, Sections 11-14, and 25 and Township 38 North, Range 10 West, Sections 2-4, 6-10, 15-17, 19, Mount Diablo Meridian.

The purpose of this project is to reduce threats to public safety along National Forest Transportation System roads open to public use within the Taylor late-successional reserve. Roadside hazard trees will be mitigated on approximately 23 miles of road along system roads 38N03, 38N04, 38N07, 38N10, and 38N14. Merchantable hazard trees will be felled and removed while non-merchantable trees will be felled and left on-site.

**Sugar Creek Watershed Improvement Project:**

This project is located in Township 40 North, Range 8 West, Section 4 and Township 40 North, Range 9 West, Section 1-3, 9-11, 14-17, 20-21, 24, 26, 28-29, 32-34, Mount Diablo Meridian.

The purpose of this project is to improve watershed condition and restore vegetative cover and natural stream shade in areas where shade has been reduced by roads, mines, and other human disturbances. Treatments include road work (storm-proofing, storage, and hydrological stabilization), rehabilitation of three mine sites, meadow rehabilitation, and gully stabilization.

**Thom-Seider Vegetation Management and Fuel Reduction Project:**

This project is located in between Hamburg and Happy Camp, in Siskiyou County, California within Township (T)16N, Range (R) 7E, Sections 1, 2, 11-14 and 24; T17N, R7 E., Sections 1, 2, 11-13, 24, 25, 35, and 36; T18N, R7E, Sections 1-3, 10-15, 22-26, 35 and 36; T19N, R7E, Sections 33-36; T16N, R8E, Sections 4-6, 7-9, 15-18, 19-20 and 28-30; T17N, R8E, Sections 4-6, 7-9, 16-21, and 28-33; T18N, R8E, Sections 7-9, 16-21, and 28-33; Humboldt Meridian. T45N, R10W, Sections 6 and 7; T46N, R10W, Sections 19, 29, and 30-32; T45N, R11W, Sections 1-18; T46N, R11W, Sections 3-10 and 13-36; T47N, R11W, Sections 7-10, 15-22, and 27-34; T45N, R12W, Sections 1-21; T46N, R12W, Sections 1-36; T47N, R12W, Section 7, 8, and 13-36; Mount Diablo Meridian.

The project is intended to reduce the potential for high-severity wildland fires to harm people private and public land, and older forest habitats by responding to the increasing density and fuels hazard evident along the Klamath River between Hamburg and Happy Camp, California. Treatments include thinning and understory burning on 29,300 acres within and adjacent to the wildland urban interface.

**Two Bit Vegetation Management Project:**

This project is located in Siskiyou County, California within Township 16 North, Range 6 East, Section 1-4, 10-11; Township 16 North, Range 7 East, Sections 5-6; Township 17 North, Range 6 East, Sections 1-4, 9-16, 21-28, 33-36; Township 17 North, Range 7 East, Sections 2-36, Township 18 North, Range 6 east, Sections 1-5, 8-17, 19-30, 32-36; Township 18 North, Range 7 East, Sections 3-20, 15-22, 26-35; Township 19 North, Range 6 East, Sections 32-36, Township 19 North, Range 7 East, Sections 31-33, Humboldt Meridian; and Township 41 South Range 6 West, Sections 7-9, 15-18; Township 41 South, Range 7 West, Sections 12-15, Willamette Meridian.

The purpose of this project is to sustain diverse, fire-resilient ecosystems and a functioning forest and watershed while providing a flow of timber products on about 9,530 acres of National Forest System land. Treatments include 1, 980 acres of thinning, 140 acres of specialized treatments (pole harvest, sanitation thinning, and hardwood release), 160 acres of meadow enhancement treatments, and prescribed under-burns on 7, 250 acres. . In addition, this project will decommission approximately 4.1 miles of National Forest Transportation Systems roads.

**Burned Area Emergency Response Work (On-going):**

Burned Area Emergency Response (BAER) is currently underway. Implementation of BAER treatments for the Beaver, Happy Camp Complex, and Whites incidents must be completed within one year of their respective containment dates. For the Beaver fire, approved treatments include protection of cultural sites, noxious weed detection and removal, and about road drainage treatments. For the Happy Camp Complex and Whites fire, approved treatments include protection of cultural sites, noxious weed detection and removal, trail safety and drainage treatments, and road drainage treatments. The Happy Camp Complex, Beaver Fire and Whites Fire BAER road packages include road drainage treatments on about 94 miles, 27 miles and 32 miles, respectively.

**Livestock Grazing Allotment:**

There are nine active livestock grazing allotments within the Westside Fire Recovery Project area. Allotments are managed using an Adaptive Management Strategy intended to move or maintain Forest resources toward desired condition and Forest plan objectives. Table C-2 provides the name, status, use period, and permitted number of cattle for each active livestock grazing allotment within the Project area.

**Table C-2: Active Livestock Grazing Allotments within the Westside Fire Recovery Project area.**

Allotment Name	Status	Use Period	Permitted Cattle (Pairs)	Notes
East Beaver	Active	April 1 - June 15	44	Includes number of animals permitted on private
		June 16 – Oct. 30	250	
Dry Lake	Active	April 15 - June 9	116	Includes number of animals permitted on private
		June 10 – Oct. 15	170	
Horse Creek	Active	April 15 – Oct. 15	101	Includes number of animals permitted on private
Lake Mountain	Active	July 15 – Oct. 15	25	Part of Lake Mountain Middle Tompkins On-going Project

Allotment Name	Status	Use Period	Permitted Cattle (Pairs)	Notes
Middle Tompkins	Vacant	NA	NA	Part of Lake Mountain Middle Tompkins On-going Project
Big Ridge	Active	July 15 – Oct. 15	120	Allotment is in Wilderness = No Project Activity Units
Marble Valley	Active	July 15 – Oct. 15	35	
Etna Creek	Active	July 15 – Oct.15	54	Includes number of animals permitted on private
South Russian	Active	July 15 – Oct. 15	40	

### On-going Actions (Private)

#### Non-industrial Timber Harvest Management Plans: Grider Creek Land Company:

This Company has two non-industrial harvest management plans located within subpart B of the Westside Fire Recovery Project area. One unit is 37 acres and is located in Township 46 North, Range 12 West, Section 10, 11, 14, 15, Mount Diablo Meridian. The second unit is 60.2 acres and is located in Township 46 North, Range 12 West, Section 11, 14, Mount Diablo Meridian

#### Timber Harvest Plans (THP):

Since 2010, 12 THP's have been submitted within the twenty-nine 6<sup>th</sup> field watersheds intersecting the Westside Fire Recovery Project area. Table C-3 lists the year the THP was submitted, the THP number, timber owner, the acreage for which they have THP's in place and the 6<sup>th</sup> field watershed that they are located in.

**Table C-3: Active Timber Harvest Plans within the Westside Fire Recovery Project area.**

THP Year	THP #	6th Field Watershed	Timber Owner	Acreage
2010	50	Hungry Creek-Beaver Creek	Fruit Growers Supply Co.	291.02
	68	Scott Bar-Scott River		928.95
2011	11	Scott Bar-Scott River		19.32
	21	French Creek	Donna and Arleigh Reynolds	99.63
	27	Dutch Creek-Beaver Creek	Fruit Growers Supply Co.	550.37
	85	Kohl Creek-Klamath River	Michigan California Timber Co	231.7
		Mckinney Creek-Klamath River		122.12
2012	87	Little Humbug Creek-Klamath River	Michigan California Timber Co	30.22
		Mckinney Creek-Klamath River		917.97
	90	Mckinney Creek-Klamath River		8.12
2013	41	Dutch Creek-Beaver Creek	Fruit Growers Supply Co.	600.89
		Little Humbug Creek-Klamath River		163.03
		Mckinney Creek-Klamath River		2473.69
	75	French Creek	Michigan California Timber Co	1505.43
2014	17	Lower Indian Creek	Northwest Skyline Logging	19.39
		Oak Flat Creek-Klamath River		70.35
	28	Scott Bar-Scott River	Dan Larivee	0.05

**Emergency Timber Harvest Plans:**

In order to account for current year salvage projects on private property, it is assumed that all private lands burned at moderate to high severities are being salvage logged.

**Future Foreseeable Actions (Klamath National Forest)** \_\_\_\_\_**Craggy Vegetation Management Project (In Development):**

This Project is located in the Humbug Creek and Yreka Creek 6th field watersheds in Siskiyou County, California, within Township 46 North, Range 8 West, Sections 12, 23-28, 32-35; Township 45 North Range 8 West, Sections 1-17, 21-24; Township 46 North, Range 7 West, Sections 16-18, 20, 22, 28, 30, 32-34; and Township 45 North, Range 7 West, Sections 3-5, 8-9, 17-20, Mount Diablo Meridian.

The purpose of this project is to protect communities and promote forest health on approximately 5,000 acres. Planned treatments include fuels reduction, vegetation management, and improvement to deer winter range habitat.

**East End Vegetation Management Project (Planning-On Hold):**

This project is located in the Beaver Creek watershed, Siskiyou County, California, in Township 48 North, Range 8 West, Sections 22, 23, 26, and 27, Mount Diablo Meridian.

The purpose of the project is to reduce stand density, promote structural and species diversity, and promote resiliency to large-scale disturbances. Treatments are proposed on approximately 1,200 acres and consist of commercial and non-commercial thinning with subsequent fuels treatments. A Proposal for this project is currently being developed, and an EIS is expected.

**Elk Creek Watershed Condition Framework Project (In Development):**

This project is located within the Elk Creek 5th –field watershed south of Happy Camp in Siskiyou County, California. The purpose and need and proposed actions are currently being developed. The Elk Creek watershed was recently selected as the Happy Camp Oak Knoll Districts priority watershed under the USFS Watershed Condition Framework. The project will be an integrated resource management project likely including fuels treatments, commercial and non-commercial thinning, meadow restoration and transportation management actions.

**McCollins Late Successional Reserve Enhancement Project (Planning):**

The McCollins LSR Enhancement project is located east of Horse Creek, in Siskiyou County, California in Township 46 North, Range 9 West, Sections 9, 10, 15-22, 27-33; and Township 46 North, Range 10 West, Sections 13, 21-28, and 32-36, Mount Diablo Meridian.

The purpose of the project is to (1) promote the continued development and retention of Late Successional Old Growth conditions; (2) promote resilience of early- and mid-seral vegetation to large-scale disturbance events such as wildfire or insects and disease; (3) restore and maintain pine/oak forest type, oak woodlands, and wildlife habitat; and (4) reduce wildfire threat and potential fire intensity within the WUI, especially surrounding private residences and structures. Treatments are proposed on approximately 2,700 acres and consist of commercial and non-commercial thinning, and the subsequent piling and burning of activity generated fuels.

**Jess Project (Planning):**

This project is located in Township 40 North, Range 12 West, Sections 23, 24, 26-28, and 34-36; Township 40 North, Range 11 West, Sections 28-33; Township 39 North, Range 12 West, Sections 1-4, and 9-12; and Township 39 North, Range 11 West, Sections 4-6, Mount Diablo Meridian.

The purpose of the project is to (1) manage fuel loadings to reduce the risk of wildfires affecting nearby communities; (2) improve compositional, structural, and functional, attributes of biological diverse forest ecosystems by restoring ecological processes that build resiliency to high-intensity wildfire and insect and disease infestation; and (3) provide a broad range of ecosystem services including wood products, rural economic health, biodiversity, and beneficial use of water. The preferred alternative will treat approximately 1,960 acres including 810 acres of commercial timber harvest 140 acres of non-commercial treatments to increase growth and vigor in young plantations (includes 70 acres of hand piling of small diameter trees <9 inches diameter at breast height and burning the piles, 60 acres of mastication, and 10 acres of meadow treatments), 185 acres of non-commercial ridgetop treatments to reduce fuels and improve defensibility of the area against wildfire (includes 85 acres of hand piling of small diameter trees < 9 inches diameter at breast height and burning the piles, 70 acres of mastication intended to rearrange the fuels and reduce ladder fuels, and 30 acres in two fuel breaks that will be treated to remove small diameter trees and hazard trees), and 250 acres of under-burning.

**Lake Mountain and Middle Tompkins Grazing Allotment Management Plan Project (Under Analysis):**

This project is located near Lake Mountain and Tom Martin Peak, in Siskiyou County, California, within Township 44 North, Range 11 West, Sections 3-10, and 16-18; Township 44 North, Range 12 West, Sections 1, 12, and 13; Township 45 North, Range 11 West, Sections 2-5, 8-11, 14-18, 19-23, and 26-34; Township 45 North, Range 12 West, Section 25 and 36; and Township 46 North, Range 11 West, Section 17, 20, 21, 26-29, and 32-36, Mount Diablo Meridian.

The proposed project authorizes grazing permits for 10 years under an Adaptive Management Strategy and updates Allotment Management Plans (AMPs) for the Lake Mountain and Middle Tompkins allotments. The project includes redevelopment of Lookout Spring in the Lake Mountain Allotment with construction of a half-acre enclosure around the springhead and seep, and the placement of a fence around the Faulkstein head-cut to prevent cattle from accessing unstable ground. Additionally, the project includes altering the Lake Mountain Allotment boundary by removing 4,697 acres, most of which are areas where suitable forage is severely limited and to increase Middle Tompkins Allotment by 2,034 acres, correcting a known boundary issue to include areas of historically utilized forage.

Lovers Canyon Project (Under Analysis): This project is located west of Fort Jones, in Siskiyou County, California, within Township 44 North, Range 12 West, Section 25 and 36; Township 44 North, Range 11 West, Section 19, 21, 25-35; Township 43 North, Range 12 West, Section 1; Township 43 North, Range 11 West, Section 2-8, Mount Diablo Meridian.

The purpose of this project is to improve forest health and diversity, improve threatened and endangered species habitat, implement objectives of the Lower Scott River Fire Safe Council Community Wildfire Protection Plan, and provide commodity outputs. The project will treat approximately 2,700 acres within the 11,810 acre project boundary. Proposed treatments include 2,400 acres of thinning; 190 acres of created fuel breaks; removal of hazard trees along National Forest System roads, county roads, campgrounds, and other high use recreation areas within the project boundary; and prescribed burning.

**Scott Bar Mountain Underburn and Habitat Improvement Project (Under Analysis):**

This project is located west of Fort Jones, in Siskiyou County, California, within Township 44 North, Range 11 West, Sections 14, 15, 22-27, Mount Diablo Meridian.

The purpose of this project is to reduce hazardous fuel loading, maintain currently acceptable fuel loadings, improve wildfire defensibility, enhance foraging habitat for deer and turkey, and protect Scott Mountain salamander habitat. The proposed action will treat approximately 1,660 acres within the 1,960 acre project boundary. Treatments include 1,660 acres of under-burning to reduce encroachment in openings and meadows, and the creation of a 1.5 mile shaded fuel break along lower portions of western and eastern private boundary flanks and southern private land boundaries.

**Sawyers Bar Fuels Reduction Project:**

Located at T40N R11W S20-22, 27-30. The project is a 2,600 acre underburn intended to reduce fuels near the community of Sawyers Bar, California.

**Forest Service Funded Projects on Private Land**

One Forest Service funded project on private land will be implemented within the Westside Fire Recovery project area in 2015-2016 with fuel reduction units of about 100 acres within the Happy Camp Fire Area in T46N, R10W, Section 31, and T46N, R12W, Sections 10, 11, 13, 14, and 15 nearby the communities of Hamburg, CA and Seiad Valley, CA. Another Forest Service funded project on private land will be implemented within the Westside Fire Recovery project area in 2016-2017 to reduce fuels on about 80 acres around the community of Scott Bar, CA.