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Unit Strategic Fire Plan developed for Tehama Glenn:

This Plan:

• Was collaboratively developed. Interested parties, Federal, State, City, and County agencies within the Unit have been consulted and are listed in the plan.

• Identifies and prioritizes pre-fire and post-fire management strategies and tactics meant to reduce the loss of Values at Risk within the Unit.

• Is intended for use as a planning and assessment tool only. It is the responsibility of those implementing the projects to ensure that all environmental compliance and permitting processes are met as necessary.

__________________________ ________________
Unit Chief Date
Dave Russell 5/1/2021

__________________________ ________________
Pre-Fire Engineer Date
Brian Wright 5/1/2021
EXECUTIVE SUMMARY

The California Department of Forestry and Fire Protection’s (CAL FIRE) Tehama Glenn Unit (TGU) encompasses approximately 2,675,837 acres. CAL FIRE provides direct protection for 1,476,293 of those acres, except for four incorporated cities: Red Bluff, Corning, Orland, Willows, and small areas within the Local Responsibility Area (LRA) lands of Tehama and Glenn Counties. CAL FIRE maintains statutory responsibility for all wildland fires within the State Responsibility Areas (SRA). Of the total county population of both Tehama and Glenn, approximately 22% live within SRA lands.

The TGU Headquarters is located at 604 Antelope Boulevard, just east of Red Bluff City, in Tehama County, California. The facility is home to a Logistics Service Center, Training Center, Automotive Fleet Maintenance Shop, Battalion II Headquarters, Tehama County Fire Department Company 1, and a Radio Technician Maintenance shop. It also houses the Emergency Command Center, which provides all-risk incident dispatching for fire, rescue, and medical services on a contractual basis for most of the County. The Unit’s Fire Prevention Bureau includes two Peace Officers and a Fire Prevention Specialist II who also serves as a Public Information Officer. The Protection and Planning Bureau consists of the Tehama County Fire Marshal, a Pre-Fire Engineer, and two Education/Fire and Life Safety Inspectors. The Inspectors are partially funded by Title III grant funds.

In developing this TGU Strategic Fire Plan, it is assumed that executed pre-fire projects will reduce fire suppression costs and prevent catastrophic loss due to large, devastating wildfires during periods of severe fire weather. Accomplishing a pre-fire management project results in substantially decreased impacts to the environment and to human infrastructure. By reducing fuels catastrophic wildfires in specific high risk/high value areas, potentially catastrophic wildfires should be contained to a smaller size, burn with lower intensity and severity, and incur significantly reduced suppression costs.

The goal of the TGU Strategic Fire Plan is to reduce losses and fire suppression costs from wildland fires within the Unit by protecting at risk assets. Focused pre-fire management prescriptions will increase initial attack success. To execute the TGU Fire Plan, several key objectives must be met during implementation of the plan, this includes:

- Collection and analysis of data from a variety of resources to evaluate potential projects and determine benefit provided to the community and environment within the Unit.
- Development of strong local relationships with stakeholders to cultivate and maintain a more natural fire-resilient landscape. These collaborations will be instrumental in establishing community buy-in to the responsibilities of living within the Wildland Urban Interface.
- Education of the public on fire prevention measures for safer homes and communities.
- Implementation of a strong fiscal policy to focus and monitor the wildland fire protection system in fiscal terms. This will include all public and private expenditures and economic losses.
Before any pre-fire management activity, stakeholder input will be sought for the purposes of:

- Acquainting stakeholders with the process
- Bringing their expertise and knowledge in identifying assets at risk
- Reviewing the level of service in these locations
- Identifying areas where stakeholders consider levels of risk unacceptable
- Identifying other beneficial results of various fuel management activities

Each area of TGU, will need to adapt to the ever-increasing population inhabiting and utilizing the wildland areas of the counties. The increase in these activities will pose greater risks of fire and even greater expectations for all CAL FIRE response services. Through collaboration for development, implementation, and ongoing reassessment of this Plan’s priorities, TGU will be ready and steadfast in its ability to provide leadership in pre-fire management planning. This plan will aide in protecting the citizens of Tehama and Glenn Counties from destructive wildfires.

Dave Russell
Chief, Tehama Glenn Unit
SECTION I: UNIT OVERVIEW

UNIT DESCRIPTION

The Tehama Glenn Unit is located in the Northern Sacramento Valley. The counties are comprised of flat grasslands on the valley floor, steadily transitions in to oak-woodland, brush, chaparral, and ultimately into large stands of conifer timber in the higher elevations of the surrounding mountains. The Unit is known as a sportsman’s paradise, with fishing on the Sacramento River, and plenty of deer, pig, bear, turkey and waterfowl hunting in the surrounding foothills.

Tehama County

Tehama County is approximately 1,889,000 acres in size and has an estimated population of 65,000 permanent residents. CAL FIRE is directly responsible for 1,227,753 of those acres. The valley floor is where the majority of residents live, including the cities of Red Bluff, Corning, and Tehama, and communities of Los Molinos, Lake California, and Gerber. The fertile ground along the valley floor makes Tehama County a prime location for agriculture. Some of the more predominant crops grown in the counties are almonds, olives, prunes, and walnuts.

There are numerous communities located on the outskirts of the valley floor. Many of these locations have been identified as ‘Communities at Risk’, by the National Fire Plan as communities that are at a high risk of damage from wildfire. Rancho Tehama, Red Bank, Paskenta, Baker, Bowman, R Wild Horse Ranch, Dibble Creek, Flournoy, Bend, and Wilcox are some of those communities. For the most part, these communities lie in a belt of oak-woodland and chaparral. Many of these areas are utilized by cattle ranchers, as the climate and vegetation are conducive to sustaining livestock.

The mountainous regions of Tehama County are located both east and west of the “Central Valley.” The far west side of the county is owned predominately by the U.S. Forest Service and is under the jurisdiction of the Mendocino National Forest. There are also numerous Bureau of Land Management properties scattered throughout the west side. The far east side of the county is a mix of Lassen National Forest, Lassen Volcanic National Park, California Department of Fish and Wildlife, and private timber industry lands. There are several mountain communities located in eastern Tehama County, including the communities of Manton, Paynes Creek, Ponderosa Sky Ranch, Mill Creek, Mineral, and Dales Station. Sierra Pacific Industries owns multiple large tracts of timberland on the east side, and is a major employer in the area.

The east side has an extremely important watershed value to the central valley, and to fish habitat. There are four major drainages which carry water from the mountains down to the Sacramento River: Antelope Creek, Mill Creek, Deer Creek, and Battle Creek. Battle Creek is on the forefront of Salmon restoration in the Western United States, and is the site of the Coleman National Fish Hatchery.

The west side of the county has two major drainages which run east to the Sacramento River: Thomes Creek and Cottonwood Creek.
Glenn County

Glenn County is approximately 842,000 acres in size and has an estimated population of 29,000 permanent residents. CAL FIRE directly protects 314,146 acres of land in Glenn County. Many the residents in Glenn County live on the valley floor along the Interstate 5 corridor. The two main communities in Glenn County are the Cities of Orland, and Willows, with Willows being the County Seat.

Glenn County is well known for its production of almonds, walnuts, rice, dairy cattle, and for its recreational value. The recreational attractions include Black Butte Lake, Stony Gorge Reservoir, and the Sacramento River. Glenn County is bordered on the east by the Sacramento River, and by the Mendocino National Forest to the west.

Much of the land along the Sacramento River is owned either by the United States Fish and Wildlife Service, Department of Fish and Wildlife, or Nature Conservancies. The land directly adjacent to Black Butte Reservoir is owned by the Department of Defense (Army Corps of Engineers). On the west side of the county, much of the ownership is the United States Forest Service, Mendocino National Forest, with some scattered Bureau of Land Management properties.
UNIT PREPAREDNESS AND FIREFIGHTING CAPABILITIES

Tehama Glenn Unit CAL FIRE Facilities and Equipment
Red Bluff Headquarters – 2 Engines – 1 Bulldozer with Transport and Tender
Bowman Station – 1 Engine
Baker Station – 2 Engines
Red Bank Station – 1 Engine
Paskenta Station – 2 Engines
Elk Creek Station (Glenn County) – 2 Engines
Paynes Creek Station – 2 Engines
Manton Station – 1 Engine

Vina Helitack Base – 1 Sikorsky S70i Helicopter and 1 Helitender

Ishi Conservation Camp – 5 Inmate Fire Crews – 1 Bulldozer with Transport and Tender
Salt Creek Conservation Camp – 6 Inmate Fire Crews - 1 Bulldozer with Transport and Tender
Valley View Fire Center – 2 Fire Crews

Pattymocus Lookout – Unstaffed
Inskip Lookout – Staffed by U.S.F.S. seasonally
Eagle Peak Lookout - Unstaffed

Dispatch Agreements
CAL FIRE currently maintains dispatch agreements with several local emergency response agencies. These agencies include the following:
Tehama County Fire Department
Red Bluff City Fire Department
Hamilton City Fire Department
City of Willows Fire Department
Willows Rural Fire Protection District
Elk Creek Fire Protection District
Kanawha Fire Protection District
Saint Elizabeth’s Hospital Ambulance Dispatch

Mutual / Automatic Aid Agreements
CAL FIRE currently maintains numerous Mutual and Automatic Aid agreements with local and federal entities. CAL FIRE TGU is very aggressive in maintaining these relationships with local and Federal agencies as this system of agreements has proven to better serve the citizens of Tehama and Glenn Counties. CAL FIRE Maintains agreements with the following agencies:
Tehama County Fire Department (Auto and Mutual)
Red Bluff City Fire Department (Auto)
Corning City Fire Department (Mutual)
Capay Fire District (Mutual)
Cottonwood Fire Protection District (Mutual /Auto)
Glenn County Fire Departments (Mutual)
USFS Mendocino Forest and Lassen Forest (Auto)
Lassen Volcanic National Park (Auto)
Shasta County Fire Department (Auto/Mutual)
Butte County Fire Department (Auto/Mutual)
SECTION II: COLLABORATION

COMMUNITY / AGENCIES / FIRE SAFE COUNCILS

Representatives involved in the development of the Unit Strategic Fire Plan are included in the following table. Their organization and title are indicated below:

**Plan Development Team:**

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<td>Glenn County Resource Conservation District</td>
<td>Project Manager</td>
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<tr>
<td>Sierra Pacific Industries</td>
<td>District Manager</td>
</tr>
<tr>
<td>Sunflower CRMP</td>
<td>Chair</td>
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<tr>
<td>Cottonwood Creek Watershed Group</td>
<td>Chair</td>
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<tr>
<td>Western Shasta RCD</td>
<td>Project Manager</td>
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<tr>
<td>Battle Creek Watershed Conservancy</td>
<td>Watershed Coordinator</td>
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<td>Tehama Fire Safe Council</td>
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<td>The Nature Conservancy</td>
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<td>USDA Forest Service - MNF</td>
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<td>Collins Pine Company</td>
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<td>California Fire Safe Council</td>
<td>Sierra Region Board Chair</td>
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<td>Mineral and Mill Creek Firewise USA Communities</td>
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<td>Lake California Firewise USA Community</td>
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SECTION III: VALUES

A: VALUES

TGU has numerous assets which would be considered at risk in the event of a large wildfire or other natural disaster. The top priority Assets-at-Risk are life and property. There are numerous communities scattered throughout the Wildland Urban Interface (WUI) areas of both counties. Many of these communities have been recognized as Communities-at-Risk by the National Fire Plan, which directs funding to projects designed to reduce the fire risks in targeted communities (see subsection B).

There are many Assets-at-Risk within TGU that are vitally important to millions of lives. Tehama and Glenn counties have large high tension, high-voltage power lines running along the valley floor and through the foothills. These lines carry electricity to the Bay Area and the Sacramento Valley. There are also several communication towers in Tehama County which are repeater sites for both Law Enforcement and Fire Departments, and carry 911 service calls. Numerous underground high pressure gas distribution lines can also be found traversing the county.

The watershed value of TGU is among the most valuable in the Western United States. These watersheds not only supply drinking and agricultural water to more populated areas, but are also vital to California’s salmon restoration efforts. The Counties of Tehama and Glenn strive to maintain good water and air quality, minimize soil erosion, and improve wildlife habitats.

Other significant Assets-at-Risk in the Unit include timber in the mountainous areas, recreation areas (parks, camp sites, and intricate trail systems), rangeland for grazing, agriculture in the lower elevations, public infrastructure, and historic buildings throughout Tehama and Glenn Counties.
B: COMMUNITIES

Communities identified within the Wildland Urban Interface (WUI) of TGU are considered Communities-at-Risk, the area where homes and wildland intermix.

The “Communities-at-Risk” listed in the table below are found on the National Registry.

WILDFIRE THREATENED COMMUNITIES IN TEHAMA AND GLENN COUNTY

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<td>Los Molinos</td>
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<td>Manton</td>
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<td>Mill Creek</td>
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¹ Federal Threat code of X indicates some or all the wildland fire threat to that community comes from federal lands (e.g., US Forest Service, BLM, and Dept. of Defense).
² Hazard Level code indicates the fire threat level, where 2 denotes moderate threat and 3 denotes high threat.

The following communities in Tehama and Glenn Counties are not listed on the National Registry, but may be at risk and are recognized in the TGU Strategic Fire Plan, and in several Community Wildfire Protection Plan (CWPP) documents: Afton, Artois, Bayliss, Black Forest, Bluegum, Bowman, Boondocks, Butte City, Capay, Chrome, Childs Meadows, Codora, Cory, Dales Station, Deer Creek, Dibble Creek, El Camino, Flournoy, Fruto, Gerber, Glenn, Grapit, Greenwood, Grindstone Rancheria, Hamilton City, Henleyville, Jacinto, Kanawha, Kirkwood, Lake California, Logandale, Los Flores, Lyonsville, Lyman Springs, Meadowood Estates, Mills Orchard, Newville, Norman, Ordbend, Ponderosa Sky Ranch, Proberta, R-Wild Horse Ranch, Rancho Tehama, Red Bank, Richfield, Ridgeway, Rotavele, Saint Bernard, Squaw Hill, Vina, Wyo, and Tehama.
SECTION IV: PRE-FIRE MANAGEMENT STRATEGIES

A: FIRE PREVENTION

The Fire Prevention Bureau is comprised of one Battalion Chief, one Fire Captain Specialist, and one Fire Prevention Specialist II. The Battalion Chief and Fire Captain Specialist are sworn State Peace Officers and Certified Fire Investigators. Due to the limited staffing levels, the Unit Fire Marshal and the Pre-Fire Engineer assist with both fire prevention coverage and fire investigations.

The Fire Prevention Bureau considers education a top priority. To educate the public, the Bureau has given multiple presentations and Fire Prevention speeches to stakeholders, including Fire Safe Councils and local businesses. In addition, educational presentations are given to school-aged children at both school assemblies and public events. A strong Public Information Officer (PIO) program constantly provides education to the public through various local and nationwide media outlets.

Secondly, Tehama County has adopted an ordinance based on Public Resource Code (PRC) Section 4291, allowing the enforcement of the Fire Hazard Clearances within the Local Responsibility Areas (LRA). The inspections are conducted in target areas within the County, in addition to complaint driven. During these contacts, the focus is to educate the public on the importance of defensible space and fire safety awareness, as well as enforce the ordinance.

Highlights of Tehama County Ordinance 9.05.08

- Vacant parcels under 1.25 acres are required to have 100% clearance regardless of being improved or not.

- Parcels between 1.25 acres and 2 acres that are not improved require a 30-foot fire break around the perimeter. For improved parcels, the ordinance requires 100 feet of clearance.

- Parcels over 2 acres with improvements require 100 feet of clearance.

- Parcels zoned ‘Agricultural Land’ and ‘Irrigated’ require no fire breaks.

Escaped debris burns, equipment use, and motorized vehicles continue to be the leading causes of fires within Tehama County. The Fire Prevention Bureau continues to make public education a top priority by completing approximately 4,400 Fire Hazard Inspections annually.
Currently, the Tehama Glenn Unit utilizes different statutes to determine fire department requirements in the State Responsibility Areas (SRA) between Tehama and Glenn Counties. Within the SRA of Glenn County, PRC 4290 & 4291 are utilized along with CAL FIRE LE-100 forms to enforce defensible space around structures, and implement fire safety standards. Glenn County Building Department is the administering agency for the enforcement of building codes.

In Tehama County, Ordinance No. 1537, Chapter 9.14, and California Code of Regulations Title 24 are used to condition residential and commercial development within Tehama County. These ordinances enforce address signage, road signage, and standards on roads, driveways, fire-flow, building construction, and residential and commercial sprinkler systems (when required or utilized as a mitigation).

The Tehama County Fire Marshal enforces land development standards that are within Tehama County. The Fire Marshal is an active member of the Tehama County Technical Advisory Committee (TAC), where new subdivisions, parcel splits, new roads, and special developments within Tehama County are reviewed. During this review process, the committee addresses access and egress, water for fire use, road standards, lot size and total number of lots, as well as other issues relative to fire and life safety, and county development standards. All projects are subject to the Tehama County Land Development Standards and are required to meet all safety standards as conditioned by the TAC.

Tehama County employs two Tehama County Fire Prevention / Life Safety Education officers, who are partially funded by Title 3. On average, these officers complete over 4,400 inspections, drive over twenty-eight thousand miles, and log more than one-thousand hours for inspections and public contacts per year. The inspectors annually review approximately 600 plot plans for new construction projects within the unincorporated areas of Tehama County.

Focusing on preventing significant fire damage to residential structures, the Fire Prevention Bureau has developed strategies that coincide with established standards developed by organizations like the Fire Safe Council and “Firewise.”

The Bureau annually inspects nearly 700 operational commercial businesses within the jurisdiction of Tehama County Fire Department (TCFD). These annual inspections are mandated by Title 24, Part 9, Section 104.3 of the California Fire Code, and Division 12, Part 2, Chapter 1, Article 2, Section 13146.2 (a) of the California Health and Safety Code. These inspections have also given our inspectors the opportunity to educate business owners on fire prevention within their facilities.

TGU/TCFD utilize Volunteers in Prevention, engine companies and Forestry Aides to conduct PRC 4291 Defensible Space Inspections on an LE-100 form. This program is further enhanced by utilizing Tehama County Ordinance No. 1912, Chapter 9.05, FIRE HAZARD ABATEMENT in the LRA of Tehama County. Inspectors also perform Weed Abatement Inspections in the LRA.
INFORMATION AND EDUCATION

The TGU Fire Prevention Specialist II is responsible for and dissemination of public and fire information via news release, Facebook and Twitter resulting in over 300 media contacts per year. The FPS II also responsible for the Volunteers in Prevention (V.I.P.) program and all school/public events, as well as the Youth Juvenile Fire Setter Intervention Program. TGU has partnered with the CAL FIRE Shasta Trinity Unit by sending juveniles within the program to a Youth Fire Setter Academy in Anderson. This program consists of two days of education, participation, and information for juveniles involved in setting fires and includes their families in the training. If juveniles complete the program, they receive a certificate. The program has successfully reduced the number of juvenile re-offenders.

The Information and Education section of the Fire Prevention Bureau normally participates in approximately 50 fire prevention programs annually in Tehama and Glenn Counties, including school presentations for thousands of children, parades, the Tehama County Fair, Corning Olive Festival, Dairyville Orchard Festival, Manton Apple Festival, and the Special Olympics of Tehama County and of Glenn County. Additionally, the Information and Education Section organizes the annual Salvation Army Bell Ringing and Food Drive and the annual toy drive. It is estimated that over 24,000 public contacts are made each year. The Information and Education Section actively recruits V.I.P.s to assist the Fire Prevention Bureau in public education on fire safety. V.I.P.s work an average of approximately 300 hours annually. However due to COVID-19, events across the Unit were cancelled. Due to this approximately 300 contacts were made for 2020.

By educating the public about the dangers of fire, and by providing fire safety programs and messages via news releases, the Information and Education section will continue to help reduce the number of ignitions within TGU. These efforts are highly successful in teaching the fundamentals of fire safety and fire prevention. This section will continue to actively promote fire prevention and fire safety in the community.

The Fire Protection/Planning and Fire Prevention Bureaus continue to actively promote fire prevention and fire safety education within Tehama and Glenn Counties.
B: VEGETATION MANAGEMENT

UNIT FORESTER – VMP Coordinator – D2506

Forest Practice Program (FPP) - The Resource Management (RM) staff of TGU are tasked by state statute (1973 Z’Berg-Nejedly Forest Practice Act) to enforce the California Forest Practice Act and Forest Practice Rules for private timberland owners within Tehama and Glenn counties. This enforcement starts with the review of the initial project and carries through the actual harvesting of timber to the completion of the project, with treatment of logging slash to reduce the overall fuel hazard if necessary. During the review of timber harvesting plans (THPs), CAL FIRES’ Registered Professional Forester (RPF) has opportunities to provide written recommendations to project proponents designed to facilitate a positive change in the methods in which timber operations are conducted. We continually look for ways to improve fire safety, hazard reduction, public safety, vehicular access, water sources, timing of operations, wildlife benefits, and other site specific mitigating measures necessary to support the Department’s Strategic Plan.

Vegetation Treatment Programs (VTP) - The RM staff and Fire Control staff in TGU assist private communities, timber and range landowners, stakeholder groups, and other resource organizations in the planning and implementation of various wildland fuels treatments for the purpose of reducing hazardous fuels and creating range improvement projects. The VTP involves three components; The Vegetation Management Program, Unit Fuels Reduction and Grant Administration.

Vegetation Management Program (VMP) - is utilized to assist private timber and range landowners in performing fuels reduction and range improvement projects, such as prescribed burning, and mechanical pre-treatments in chaparral. These plans can last up to ten years and the cost share requirement is negotiable between the landowner and the Department. The VMP Coordinator oversees and implements the VMP within the Tehama Glenn Unit. TGU is one of the most active units within the state with annual acreage burned averaging between 1,000 and 2,000 acres.

Units Fuels Reduction - The creation of strategically located fuel breaks and ingress and egress evacuation routes designed to increase public safety while reducing catastrophic loss during wildfires is the focus of the Units Fuels Reduction component.

CAL FIRE Grant Administration - Through the California Climate Investments (CCI), Forest Health Grant, and Fire Prevention Grant Program, annual funding is provided for large landscape level projects. These projects are focused on activities that reduce wildfire potential to forested landscapes, and increase community resiliency. RM administration of this program includes oversight for CEQA, ensuring contract compliance, and serving as subject matter experts.

For the three components of the VTP, RM staff utilize programmatic environmental documents to complete the analysis necessary to meet the regulatory compliance of CEQA for all projects where CAL FIRE is the lead agency.
Fire Suppression Support – RM staff support fire suppression activities where our ICS qualifications match the needs of the incident. However, because of our resource background, training, and knowledge of both fire control issues and methods of addressing complex environmental issues, we generally accept the role of suppression repair duties in the Unit. Our knowledge of CEQA allows us to work effectively and lawfully to provide a level of protection for the Department from legal issues. We have many private and agency contacts such as other resource professionals from whom we may seek advice or assistance in repair efforts. This skill set greatly supports the Department’s Strategic Plan.
SECTION V: PRE-FIRE MANAGEMENT TACTICS

DIVISION / BATTALION / PROGRAM PLANS

BATTALION I – Administered by Battalion 2511

Battalion I (East) lies in the northeast corner of Tehama County. The Battalion runs from the base of the foothills on the east side of the Sacramento Valley to the Lassen National Forest boundary on the east, and from the Butte County line in the south to the Shasta County line in the north.

Topography within Battalion I includes rolling foothills in the west to mountain terrain in the east, with predominant volcanic influence in geography. This area includes several major drainages, generally running east to west, including Deer Creek, Antelope Creek, Mill Creek, and Battle Creek. These drainages form steep canyons, which present substantial access problems and promote rapid fire spread.

Fuels within Battalion I consist of grass and oak woodlands in the lower foothills with increasing brush, pine, and mixed conifer forests as the foothills rise to mountains in the east. These grass fuels have historically carried fast spreading, wind-driven, high intensity fires, with moderate to high resistance to control, impart due to access problems and volcanic rock.

Fires occurring in the grass, oak-woodland, brush mix, and timber present the greatest resistance to control, and when they occur, account for the greatest damage to natural resources and structures. Often, lightning strikes cause multiple fires and can be difficult to access.

Battalion I works with cooperators to improve fire safety, provide education, and prioritize fuel reduction projects. This is done by ensuring fire protection measures are in place, equipment is working properly, improving areas to limit fire spread, establishing access to remote areas, and reducing roadside fires. Within the Battalion there are Several Fuels Reduction Projects, Fuel Break Projects, and Vegetation Management Program prescribed burns. These projects involve the communities of Ponderosa Sky Ranch, Boondocks, Mineral, Paynes Creek, Manton, and the corridor of Hwy 36 East. The Fuels Reduction Projects include: SPI Line Fuel Break, Piney Fuel Break, Ponderosa Way/Sky Ranch/Canyon View Loop Fuels Reduction, Manton Road Fuel Break, Lanes Valley Road Fuel Break, Inskip Lookout Fuel Reduction, Hazen C-Line Fuel Reduction, Forward Road Fuel Reduction, Caltrans Mineral Fuel Reduction, the Fornage VMP, Paynes Creek Sportsman’s Club VMP and the SPI Fuel Break Maintenance CalVTP.

Cooperators within Battalion I include CAL FIRE, USFS, Battle Creek Watershed Conservancy, Manton Fire Safe Council, Resource Conservation District of Tehama County, Timber Companies and Private Landowners. With these agencies, we have been able to access funding to complete or continue Roadside Fuel Reduction Projects along Highway 36 East, Hazen Road, C-Line, Little Giant Mill Road, Ponderosa Way and, the Line shaded fuel break off plum creek road/10 B. The communities of Mineral and Mill Creek are recognized as Firewise USA Communities. The Firewise USA status has secured grant funding for a 416-acre project to remove hazard trees around Mineral.

Assets at risk within Battalion I include extensive timber, rangelands, watersheds, associated fisheries, and several rural communities, including hundreds of isolated structures. The communities of Paynes Creek, Manton, Ponderosa Sky Ranch, and Mineral have historically

Last Update: 1 May 2021
suffered damage to homes and property during wildfires. Larger fires within the Battalion have caused widespread damage to communities, rangelands, and fisheries, and have cost millions of dollars to suppress.

It is imperative for the success in Battalion 1 to protect these assets by educating the public and inspecting properties for defensible space requirements, maintaining current Fuel Breaks and Fuel Reduction Projects, and developing new projects. The Battalion will continue to collaborate with communities on defensible space, and participate with government and private cooperators to maintain and develop new Fuel Reduction Projects.
BATTALION II – Administered by Battalion 2512

Battalion II lies within Tehama County, primarily in the Sacramento Valley floor, and covers a large portion of Tehama County’s Local Response Area (LRA). The Battalion consists of the communities of Bend, Antelope, Dairyville, Los Molinos, Tehama, Proberta, El Camino and Vina. The SRA within the battalion transitions from the valley floor along the Interstate 5 corridor into the rolling hills and steep drainages in the southeastern portions of Tehama County. Some of the more notable landmarks are the Deer Creek drainage and western portions of the Mill Creek drainage.

Grass and oak woodland are the predominant fuel type within the battalion. However, as the topography transitions into steeper drainages to the east, chaparral and other native brushes become extensive. In the farthest eastern portion of the battalion, smaller stands of timber become evident. The battalion has a wide variety of fuel types that can challenge fire suppression efforts during the hot summer days.

Weather and access are important factors relating to fire spread within the battalion. It is not uncommon to have temperatures over 100° Fahrenheit, relative humidity in the low teens and strong north winds during summer. On top of these challenges, access to most areas east of Highway 99E is extremely limited due to the rocky, rugged conditions.

The most common fire causes within the battalion are equipment use/mechanical and debris pile escapes, however accidental human caused, arson, and lightning fires are not uncommon. Much of the fires within the battalion occur along the heavily traveled roadways such as Interstate 5, State Highway 36 and State Highway 99.

Battalion II oversees or manages four major fuel reduction projects. First, the Interstate 5 fuel break project. The Interstate 5 fuel break project is instrumental in minimizing fire spread and limiting the threat to nearby residences during fires. Second, the Highway 36E fuels reduction project focuses on treating 258 acres by reducing hazardous fuels profiles and broadcast burning the grass lands within the Caltrans right of way for 9 miles on either side of the highway. The third project, in cooperation with The Nature Conservancy (TNC), is the Dye Creek Preserve and Vina Plains VMP Burn. Totaling 13,086 acres, this project utilizes broadcast burning of multiple units, to remove invasive fuels not native to the area while simultaneously reducing fuel loads and providing valuable training opportunities to fire control employees. The final project is a fuels reduction project along 7 miles Jellys Ferry Road north of Red Bluff. The project treats approximately 70 acres and aids in the defense of over 210 residences.

Other priorities for Battalion II: include pre-incident planning, LE-100 inspections, continued education of the public on dooryard burning and burn pile regulations, risks and preventative measures. LE-100 inspections will also focus on visible address markings as well as educating landowners of burn regulations.

There are multiple stakeholders within Battalion II, including The Nature Conservancy (TNC), U.S. Fish and wildlife, BLM, Sierra Pacific Industries (SPI), USFS, California Fish and Wildlife, as well as large land and cattle companies, ranchers and private landowners. The Battalion works closely with the stakeholders on strategic planning, fire prevention and incident mitigation through multiple agreements and MOU’s.

The responsibility of the fire service is to protect life and property. Using available State, Federal, and Local Government resources, combination of aggressive initial attack firefighting with
prevention and education activities, will best accomplish this responsibility. Battalion II will continue to focus on training firefighting crews to the highest level, while educating and informing the public on fire prevention measures.
BATTALION III – Administered by Battalion 2513

Battalion III lies in the northwest portion of Tehama County and includes the communities of Lake California, Bowman, Dibble Creek, R-Wild Horse Ranch, Ridgeway, and Red Bank. The Battalion runs from the I-5 corridor, through west Red Bluff, to the western border of Trinity and Mendocino National Forests and the Yolla Bolly Wilderness Area. The Battalion runs from the Shasta County line in the north to the Red Bank area in the south.

Many residential and associated structures on large lot or ranchette settings are considered values at risk. Livestock grazing, recreation, and timber harvesting are economically important activities in the Battalion. In addition, high voltage electrical lines and underground natural gas lines run through the Battalion. This infrastructure is significant, not only affecting the Tehama Glenn Unit, but the entire state of California.

Topography within Battalion III consists of flat valley terrain in the east that transitions to rolling foothills and steep mountain topography of the Coastal Range on the western edge of Tehama County. This area includes several major drainages running west to east, including Cottonwood Creek (Middle and South Fork), Elder Creek, and Salt Creek. These drainages have little access, forming steep canyons that promote rapid fire spread.

Grass and oak-woodland fuels are consistent throughout the valley and lower foothills. The mid slopes transition into heavy brush of Chamise and Manzanita, then Grey pines, until reaching the mixed Conifer forests of Beegum Peak and Tomhead Mountain at approximately 4500’ to 6000’ elevation. Large ranches and multiple structures are found throughout the mountainous areas.

The fire history in the area includes many catastrophic fires and lightning complexes that resulted in large acreages burned and structures destroyed, such as the Elkhorn and Skinner Mill Fires. Battalion III lies within the same mountain chain and just north of the 1953 Rattlesnake Fire which claimed the lives of 15 firefighters. Fires occurring in the Battalion travel quickly in the grass fuels and transition to the steep mixed brush. This presents significant control challenges and the potential for large fire growth. Lightning strikes often cause multiple fires that are difficult to access. Deep marine layers, valley heating, and diurnal winds often lead to a local weather influence of significant downslope and sundowner winds from the west. These wind shifts can happen very quickly.

Priorities for Battalion III include utilizing vegetation management practices to reduce and modify fuel loading and working with Caltrans and the Tehama County Road Department on roadside fuel modification projects to identify, construct, and maintain fuel break locations. In addition, the Battalion is focusing on developing and improving water sources used for fire protection. Battalion III conducts annual residential defensible space inspections, conducts power line inspections, and promotes fire prevention education.

Battalion III collaborates with stakeholders and the Resource Conservation District of Tehama County to continue improvements and maintenance of the fuel reduction and roadside fuel modification projects. There are multiple projects already underway in the Battalion, including the Highway 36 West fuel reduction project, the Bowman Road right-of-way clearance, the Lake California fuel reduction project, the Pattymocus Lookout fuel reduction, the Pellows Road grading project, and the West Tehama Roadside Fuels project in the Bowman Area. Additional fuel reduction projects are in the planning phases including the Matlock Loop, and Oakwood Heights.
Drive fuel reduction projects. Battalion III has several active Vegetation Management Plans (VMP), including the Sunflower VMP, the Bengard Ranch VMP, the Corning Land and Cattle Company VMP and the R Wild Horse Ranch VMP. The goal of all the VMP’s in the Battalion is to reduce fuels that promote fire spread and growth, and conduct prescribed fire burns.

Protection of life, property and resources in Battalion III is the highest priority. Aggressive initial fire attack, sound vegetation management practices, effective public education, code enforcement and cooperation among stakeholders is the key to accomplishing those goals.
BATTALION IV – Administered by Battalion 2514

Battalion IV encompasses the southern portion of Tehama County including the LRA along the Interstate 5 corridor and all the SRA of Glenn County. The SRA boundary lies on the west side of Interstate 5 through to the Mendocino National Forest, south to the Glenn-Colusa County line, and north to Elder Creek in Tehama County. Communities within the battalion include Richfield, Corning, Rancho Tehama, Flournoy, Henleyville, Paskenta, Chrome, Grindstone Rancheria, Stonyford, and Elk Creek. Outside of the larger communities, the population is dispersed through rural residences and ranchlands.

Predominant vegetation in the Battalion consists of grass and oak-woodland mixture, and chaparral. Blue Oak and Live Oak are the dominant tree species with a mix of Foothill Pine in higher elevations. Manzanita and Chamise are the primary chaparral in the area with dense patches present on the steep slopes and ridges below the Mendocino National Forest. Large annual grass crops intermixed with the chaparral cause the greatest fire suppression hazard. The light fuels carry fire rapidly and are conducive to spotting. Likewise, grass is an exceptional carrier of fire into the brush and brush canopy, depending on fuel height and thickness. Access to fires in the Battalion is challenging due to the inconsistent terrain features.

Common weather in Battalion IV consists of summer temperatures over 100 Fahrenheit, relative humidity in the low teens to single digits, and strong northern winds. Weather conditions are the number one factor of fire spread and critical fire behavior in the Battalion. Topography plays a significant role in fire spread consisting of flat valley grasslands with an inconsistent transition to rolling moderate to steep hills. There are steep, narrow drainages on the west side that feed seasonal streams, ponds and waterways. Two and four-wheel drive fire vehicles can achieve access to most of the Battalion. Ranch dirt roads spread throughout the Battalion which allow access to most remote areas. With the mix of weather, topography, and fuels, fires in Battalion IV can be fast moving and unpredictable.

The most common fire causes within Battalion IV are equipment use/mechanical and debris escapes. Historically, fires in the SRA occur along traveled county roads, at rural ranchlands, and within the larger populated community of Rancho Tehama. Arson and accidental human caused fires are not uncommon. Lightning to the west side of Battalion IV is a seasonal contributor to the Battalion’s fire activity.

Annual grasses are of high value for grazing, and fertile soil provides for agricultural field and farmland crops. These are all considered Assets at Risk within the Battalion. Likewise, the infrastructure on the ranchlands such as barns, fences, feeders, and equipment are vital to ranching. Water reservoirs such as Black Butte Lake and Stony Gorge Reservoir provide summertime water and camping recreational activities to the public. High-tension, high-voltage power lines and high pressure gas distribution lines transverse above and below ground throughout the Battalion.

Several stakeholders and agencies within Battalion IV share a common interest regarding Fire Plans. The stakeholders and agencies include Glenn County Resource Conservation District (GCRCD), Resource Conservation District of Tehama County, Rancho Tehama Owners Association, US Army Corps of Engineers, BIA, US Fish and Wildlife, USFS, BLM, California State Parks, US Bureau of Reclamation, and the Glenn County Fire Chiefs Association, in addition to, ranch owners, large landowners, timber, and cattle companies. There are multiple agreements and operating plans within the Battalion that allow for fire prevention, multi-agency training,
strategic planning and incident mitigation. The Battalion is also assisting with Glenn County’s Safety Element update of their General Plan as well as GCRCD’s Community Wildfire Protection Plan Update.

Annual projects in the Battalion include road grading, fuel breaks, and fire safety training with the US Army Corps of Engineers at Black Butte Lake. One critical component that affects both Battalion III and IV is the Pellows fire road. Pellows Road is graded and maintained annually by CAL FIRE in cooperation with local landowners to ensure fire equipment access through the miles of private land during fire season.

A significant fuel reduction project, and one of the Governor’s Emergency Proclamation projects, is the Elk Creek Project. It is a 200-foot-wide, 33-mile-long fuel break installed along the western edge of SRA in southern Glenn County, just west of Elk Creek. The fuel break extends north from the Glenn-Colusa Line to County Road 309. During the 2020 August Complex this fuel break was instrumental. The fuel break slowed, and in some sections stopped the fire’s progression toward the community of Elk Creek and surrounding ranches. It also enabled fire suppression resources better access to fight the fire. TGU will continue to maintain the integrity of the fuel break for future incidents.

Other fuel reduction projects in the battalion include the Glenn County Resource Conservation District’s Highway 162/Road 306 Fuel Break and the Toomes Camp Road fuel reduction project. The objective of the Highway 162/Road 306 Fuel Break is to broadcast burn along the roadway in the SRA to reduce large fires from roadside ignitions. The Toomes Camp Road fuel reduction project aims to reduce fuels along Toomes Camp road from west of Paskenta to the Mendocino National Forest boundary.

Just north of the community of Elk Creek lies the Grindstone Rancheria. Historically, fires are common in this area, creating the potential for large fires in a Wildland Urban Interface setting. Ensuring buffers are placed around communities to prevent extension of a wildfire is a priority in Battalion IV. Pre-Attack maps for all Battalions in TGU are in place for use in fire attack, should a significant wildfire occur. The Eagle Peak Fire Lookout, west of the community of Paskenta, is used for early fire detection during periods of critical fire weather. Eagle Peak overlooks SRA areas of Tehama and Glenn counties, including the eastern slope of Paskenta District of the Mendocino National Forest. The lookout requires annual maintenance consisting of access road grading and facility repairs.

Battalion IV strives to educate the public and assist with improving defensible space collaboration in and around the communities of Elk Creek and Rancho Tehama, and continues to improve and establish new fuel breaks, water supplies, and fire and evacuation road access.
Ishi Conservation Camp is one of three camps located in TGU, and the only camp servicing eastern Tehama County. Located 25 miles east of Red Bluff, the 100-man camp changed hands throughout the 1960’s and 1970’s until the California Department of Corrections entered a cooperative agreement with the California Department of Forestry in 1981. Since then, Ishi Camp has taken a multi-faceted approach in meeting CAL FIRE’S mission, goals and objectives.

The camp is staffed 24 hours a day, 7 days a week, in order to make emergency response a top priority. The Camp’s primary mission is wildland fire suppression, although the camp does engage in flood fighting, snow removal, and storm clean-up. Ishi Crews respond to emergency incidents in southern Shasta County, western Lassen County, eastern Tehama County, and northern Butte County for wildland fires. As with all camps, Ishi Crews are a major resource in post-fire suppression, and are utilized for reforestation planting, erosion control, and fuel reduction. The five Ishi Camp crews average approximately 50,000 emergency man hours a year.

Since 1985, Ishi Camp has hosted the Ishi Exercise. The Ishi Exercise evaluates the fire preparedness of nearly fifty Northern California inmate fire crews from most of the Northern Region fire camps.

In addition to emergency response, the Ishi Fire Crews average 160,000 man hours of project work a year. Approximately 80,000 of those hours are dedicated to fuel reduction projects within TGU. Ishi Camp works with many stakeholders from Local, State and Federal jurisdictions these projects. Projects include shaded fuel breaks in strategic locations, placing water tanks in remote locations as a water source for wildland fire suppression, and removing hazardous fuels along Interstates and Highways to help prevent the spread of fires. Private landowners participate in these projects by providing assistance, and funding for projects through the previously mentioned jurisdictions as well as the local Fire Safe Council and Watershed Districts.

Lastly, Ishi Crews are an important resource to the local community. Ishi Camp participates in the Adopt-a-Highway Program, and also provides a labor force to multiple school districts for campus clean up and improvement.
Salt Creek Conservation Camp is located 38 miles west of Corning in the southwestern portion of Tehama County. The facility is situated in a protected basin of the Mendocino National Forest, 9 miles southwest of the town of Paskenta. The Camp houses a maximum of 120 low-risk inmates under the direction of the California Department of Corrections and Rehabilitation, and CAL FIRE. The camp maintains 6 fire crews that can respond to a variety of “all-risk” emergencies; ranging from wildland fires, floods, rescues, and other natural and man-caused disasters. In addition to emergency response, the crews provide community service project work with local agencies in Butte, Glenn and Tehama Counties.

Salt Creek Conservation Camp averages 40,000 man hours on emergency incidents, and 200,000 man hours of project work, per year. During unusually slow fire seasons, the reduction in fire responses provides an added benefit to the residents of Tehama and Glenn counties by increasing the hours spent performing Conservation work. Noteworthy projects include Fire Hazard Reduction in the Sunflower VMP and Interstate 5 corridor. The crews also provide levee maintenance and restoration projects for Tehama Public Works, performing flood control within the Deer Creek and Elder Creek drainages. The City of Corning, Corning Jr. Rodeo, Corning Little League, Gerber School and Richfield School are also beneficiaries of conservation work performed by Salt Creek Crews. One of the most extensive project within Tehama County involves constructing and maintaining a 6-mile trail at Black Butte Lake for the Army Corps of Engineers. This trail which includes several bridges and water crossings and is intended for public recreation.

Since the opening in 1987, Salt Creek Conservation Camp has continued to be a valuable resource for the State of California and the citizens of Tehama County through conservation and the protection of life, property, and natural resources.
Located at Alder Springs in western Glenn County, Valley View Fire Center is in the Mendocino National Forest at 4,500 ft. elevation. In October 2020, CAL FIRE and California Department of Corrections and Rehabilitation announced the depopulation of inmates at eight of the state’s 43 conservation camps, Valley View Conservation Camp being one of them. The consolidation was part of Governor Newsom’s 2020-21 state budget, which called for the camps to be consolidated by the end of December 2020. CAL FIRE currently operates 2 Fire Crews for incident response and fuels reduction work when not assigned to emergency incidents.

Valley View’s project locations are primarily located within Glenn and Colusa Counties. The fuel reduction projects within Glenn County SRA include the Elk Creek Fuel Break, the Glenn County Resource Conservation District (GCRCD) Highway 162/County Road 306 Fuel Reduction Project, Stony Gorge Reservoir Project, and Glenn County Public Works. The Elk Creek Fuel Break is a shaded fuel break that separates the private SRA lands from the Mendocino National Forest boundary line, and the fuel break is located west of County Road 306 and extends from the Colusa County Line to the town of Elk Creek. The GCRCD Highway 162/County Road 306 Project is along both sides of County Road 306, from County Road 200 (Newville Road) south to the Colusa County line, and along both sides of Highway 162 starting at Stony Gorge Reservoir and extending east to County Road 302. This project consists of brushing and broadcast burning both sides of the road to reduce roadside ignitions. The Stony Gorge Reservoir Project is sponsored by the US Bureau of Reclamation, and the project activities include: weedeating, brushing, limbing, felling, bucking, pile burning, and chipping. The Glenn County Public Works project focuses on road brushing and chipping to maintain clearances of rural county roads and reduce fire hazards.

Valley View Fire Center also assists the US Forest Service (Mendocino National Forest) in many aspects of timber management; this includes seedling protection, timber thinning projects, post-harvest clean-up, road brushing, vegetation management burning, and campground maintenance. One specific project with the Forest Service is the Wildland-Urban Interface (WUI) Shaded Fuel Break project around Valley View Fire Center and the adjacent USFS Alder Springs Guard Station. This project is being completed in several phases due to the large scope of the project. First phase, crews have removed, brushed, and limbed up trees in the 200-ft. proximity of the Fire Center. Second phase, assisting with understory burns to reduce and maintain vegetation growth thus to create a more fire-defensible area around the Forest Service Station and the Valley View Fire Center.

There are several community assistance projects which Valley View Fire Center participates in. These projects are roadside litter removal along Interstate 5 and the Valley View Fire Center Adopt-A-Highway section along Highway 162; Grounds and facility maintenance for Grindstone, Elk Creek, and Chrome Cemetery Districts, and removal of trees and other vegetation on or in laterals, drains, and roads throughout the Glenn-Colusa Irrigation District to provide access for vehicles and equipment to perform maintenance work.
## APPENDIX A: PRE-FIRE PROJECTS

2021  **Status Guide:**  A = Active, P = Planning, C = Completed, M = Maintenance

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*Last Update: 1 May 2021*
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APPENDIX B: UNIT GOALS AND OBJECTIVES

One of the primary objectives for TGU is to reduce the number of ignitions in the SRA. The five-year historical trend shows vehicle and equipment use as the predominate cause of vegetation fires on state lands. The Unit actively pursues reducing these ignitions through public education, timber harvest site inspections, and PRC Section 4291 Inspections (LE-100). Most residents within the county are within compliance of PRC 4291. Those who are not compliant are inspected a second and third time. If the third inspection does not show compliance, the home/landowners can be cited (Misdemeanor). The overall goal and objective of the PRC 4291 Inspection Program is to educate home/landowners to aid in the safety of fire suppression personnel during fire suppression activities, reduce ignitions, and limit fire size.

Tehama County has recently adopted an ordinance which mirrors PRC 4291, but is more effective in its ability to inspect/enforce on unimproved properties (TCO 9.05.08). These inspections are carried out by Defensible Space Inspectors and Life Safety and Education Officers in specific targeted areas of the county. The inspections take place in areas chosen bases on fire activity and population base in the WUI. These are noted as areas of concern by the assigned Battalion Chief, and have been addressed in the Battalion Ignition Plan. Set goals can be measured annually through compiled statistical data which includes numbers of ignitions, ignition cause, and ignition location. The target areas are updated annually based on statistical analysis and Battalion Ignition Plans.

Not all ignitions can be deterred. For example, lightning strikes cannot be prevented. The goal of TGU is to keep unpreventable fires small and confined, substantially lowering the cost of suppression. Keeping suppression costs low is of great concern and importance because a major wildland fires can cost millions of taxpayer dollars at both State and Federal levels.

The Unit also aims to continue collaborative growth with local stakeholders and Fire Safe Councils within Tehama and Glenn Counties. TGU is fortunate to have strong working relationships with several different groups, which creates a need for collaborative efforts to prioritize projects for the future. CAL FIRE has pledged to play a greater role in assisting local stakeholders and Fire Safe Councils. TGU continues to assist in creating a plan to implement “Firewise Communities” within the counties. Once a community is nationally recognized as a “Firewise Community”, it increases that community’s opportunities for grant funding to continue project work. For those communities, which attain “Firewise” status, TGU will continue to support fire safety projects, and track the ability of these groups to obtain grants.

The County of Tehama employs two Life Safety and Education Officers, more commonly known as Fire and Building Code Inspectors. These positions are partially funded by the Secure Rural Schools grant (Title III Grant). The grant is a diminishing funded grant, meaning the funding for these two positions will only be available for a few years. Based on the work performance of the inspectors, and the importance of the role they play, TGU has secured funding through an updated fee schedule to fund these positions permanently.
APPENDICES C-Z

APPENDIX C: COMMUNITY WILDFIRE PROTECTION PLANS

*The Tehama- Glenn Unit (CAL FIRE) supports the goals and objectives of the following Community Wildfire Protection Plans:*

**Tehama East and West CWPP** – Resource Conservation District of Tehama County

**Glenn County CWPP** – Glenn County Resource Conservation District

**Other Fire Plans (non CWPP):**

**Tehama West Fire Management Plan** – Tehama County Resource Conservation District

**Tehama Wildlife Area Vegetation and Fuels Management Plan** – California Department of Fish and Game, Resource Conservation District of Tehama County

**Cottonwood Creek Watershed Strategic Fuels and Management Plan Update 2016** – Western Shasta Resource Conservation District

**North Fork Screens and Ladders Battle Creek Restoration Project** – Syblon Reid General Engineering Contractors

**Fire Protection and Prevention Plan Wildcat Dam Removal Battle Creek Salmon and Steelhead Restoration Project RSN 1570-1** – Ford Construction

**Pacific Gas and Electric Company Fire Prevention/Protection Plan** – Pacific Gas and Electric Company Vegetation Management

**Collins Pine Company 2020 Fire Plan** – Collins Pine Co. Nick Kent

**Crane Mills 2020 Fire Plan** – Crane Mills, Frank Barron

**Sierra Pacific Industries 2020 Lassen District Fire Policy Fire Plan Fire Suppression Resource Inventory** – Sierra Pacific Industries

**Sierra Pacific Industries Stirling City District 2020 Fire Plan** – Sierra Pacific Industries


**CAL FIRE Tehama Glenn Unit specific action and suppression plans:**

- TGU Lightning Plan (updated as needed)
- TGU Battalion Ignition Plan (updated annually)
- TGU Staffing Plan (updated annually)
- TGU Fire Weather Plan (updated as needed)
APPENDIX D: IGNITION ANALYSIS

The most common ignition causes for vegetation fires within TGU are equipment use, escaped debris burning, and undetermined. They comprise 50% of all ignitions for the past 5 years. Despite more vehicles using the roadways, it is likely that the Fire Prevention message and Fuel Reduction Projects are affecting the reduction of quantity and size of roadside fires. TGU’s goal is to maintain roadway fuels projects to keep roadside fires to 10 acres or less.

The causes of many fires can only be narrowed down to a few possibilities; therefore, they are classified as “undetermined”. TGU strives to increase Company Officer skills in Origin and Cause Determination by encouraging them to attend Investigation training.

Data for this analysis is obtained from CAIRS and CALFIRS which reflects vegetation fires in the SRA of Tehama and Glenn counties. The following charts help illustrate occurrence and causes of fires in the Unit currently, and for the previous 5 years.
EXHIBITS: MAPS

FIGURE A: UNIT MAPS
FIGURE B: BATTALION MAPS

TEHAMA-GLENN UNIT
Battalion I

Battalion II
Los Molinos Station 10 and VFC

Battalion IV

Legend
Facilities:
- Tehama County Volunteer Fire Station
- Tehama County Fire Station
- CAL FIRE Amador Station
- Fire Station - Schedule II
- Conservation Camp
- Heliport: Base
- Lookout
- Incorporated Cities
- Battalion Boundaries

STATE RESPONSE AREA
LOCAL RESPONSE AREA
FEDERAL RESPONSE AREA

Last Update: 1 May 2021
TEHAMA-GLENN UNIT
Battalion II

Legend
Facilities
Tehama County Volunteer Fire Station
Tehama County Fire Station
CAL FIRE Amador Station
Fire Station - Schedule B
Conservation Camp
Helitack Base
Lookout

Incorporated Cities
Battalion Boundaries
Battalion I
Battalion II
Battalion III
Battalion IV
FEDERAL RESPONSE AREA
LOCAL RESPONSE AREA
STATE RESPONSE AREA

Dibble Creek VFC
Bend VFC
Lake California VFC
Bowman Station 3 and VFC
Red Bluff
El Camino VFC
Corning
Richfield
Los Molinos Station 10 and VFC
Los Molinos
Tehama-Glenn UH
Dairville
Paynes Creek VFC
Vina VFC
Vina HB
Kirkwood
Lyman Springs
Ponderosa Sky Ranch
Lyons
Inskip Hill COM/LO
Paynes Creek FS
Peach Bloom FS
Battalion I
Battalion II
Battalion III
Battalion IV

34
Last Update: 1 May 2021
SUPPLEMENTS: ANNUAL ACCOMPLISHMENTS REPORTING

ANNUAL ACCOMPLISHMENTS REPORTING (2020)

Fire Planning:

In August of 2020, a significant lightning storm passed over the Tehama Glenn Unit sparking numerous wildland fires in all four Battalions. In Battalion IV several fires, originating on the Mendocino National Forest, impacted the Elk Creek Fuel Break. The fuel break was one of the 35 emergency fuel reduction projects, prioritized in the Governor’s 2019 Community Wildfire Prevention and Mitigation Report, that was completed by TGU in 2019. The fuel break performed as it was designed, and slowed the fires down sufficiently to allow suppression resources to take advantage of the fuel break and secure an anchor point from which to stop the fire from destroying the communities of Elk Creek and Stonyford. The Elk Creek Fuel Break helped contain approximately eight miles of fire line, and allowed for improved access to the road system. In addition, the Stony Gorge Hydroelectric Power Dam and Power Substation, as well as hundreds of acres of valuable grazing lands, were spared because of the Elk Creek Fuel Break.

Another major fire sparked by the 2020 lightning storm was the Elkhorn fire which eventually merged into the August Complex. The Elkhorn fire impacted portions of the Sunflower VMP, the fuel reduction work on the VMP aided suppression efforts by reducing flammable vegetation. Both the Battalion III and Battalion IV Pre-Attack Maps were again instrumental in gaining access to all the fires, for both in-unit and out-of-unit resources.

In 2020, the Tehama Glenn Unit participated in and collected data for 27 Fuel Reduction, Fuel Break, Right-of-Way roadside, and Vegetation Management Program projects in 2020. In total, 3,353 acres were treated and crews worked 9,821 hours on the various projects. TGU completed the Diamond Star Fuel Reduction Project, twenty-two acres were successfully treated in 2020. TGU also contracted with the Resource Conservation districts of Glenn and Tehama County to apply herbicide on the Piney and Elk Creek Fuel Breaks, to maintain their effectiveness in stopping fires. The Unit began the planning phases of a new fuel reduction project call the Matlock Loop Fuel Break in the Bowman area. This fuel break is intended to protect numerous rural homes in the area. TGU also provided training on a tracked wood chipper to 28 Unit personnel, this track chipper can be used in more remote locations for fuel reduction work.

Two communities in Battalion 3 were nationally recognized as a Firewise USA Communities in 2020. The communities are Saddle Back Ridge and Lake California. This recognition will help the communities secure grant funding for hazard fuels reduction work focused on making the communities safer.

Investigations and Enforcement:

Fire Prevention/Law Enforcement – There were 126 unwanted vegetation fires in the Tehama Glenn Unit State Responsibility Areas in 2020. The Fire Prevention Bureau completed 5 forest/fire law related arrests, issued 19 forest/fire law related citations, and issued 6 PRC 4291 (defensible space) citations.

Wildland Fire Prevention Engineering – In the spring of 2020 until December 1st, TGU had one Forestry Aid (Defensible Space Inspector – (DSI)) to perform PRC 4291 Defensible Space Inspections in the SRA of TGU. The DSI’s, along with Engine Companies in the Unit, completed 4,010 inspections in 2020. Of those, property compliance with PRC 4291 was 84% on the initial inspection.

Education and Information:

The Tehama Glenn Unit uses Facebook and Twitter for increased public outreach. In addition to social media, an estimated 300 media contacts were made for the dissemination of public and fire information. In 2020, due to COVID-19 the Information and Education section of the Fire Prevention Bureau only provided fire prevention education on July 4th at the Lake California Park and Ride, and assisted with the Toys for Tots Toy Drive. It is estimated, with these events, approximately 300 contacts were made. The Volunteers in Prevention (V.I.P.s) were only able to work approximately 50 hours in 2020 assisting with events and fire prevention efforts due to COVID-19.

Resource Management Program:

Forest Practice Program – One new THP was reviewed and recommended for approval. Nine completion inspections accomplished, nine active inspections conducted, one pre-harvest inspection and two notices of violations issued. The August Complex burned approximately 90% of the Crane Mills industrial
timberlands. Thus, five harvest plans totaling thousands of acres were declared substantially damaged and emergency salvage logging initiated. In addition, seven additional emergency exemptions were accepted by the department.

**Vegetation Management Program** – RM provided planning and personnel in support of Unit personnel who successfully burned 1688 acres on The Nature Conservancy VMP. One new VMP, Fornage VMP, was approved and planning work completed for four new VMP’s. They are the Sunflower VMP, Bengard Ranch VMP, Paynes Creek Sportsman Club VMP, and the Corning Land and Cattle Co. VMP.

**California Vegetation Treatment Program (CalVTP)** – RM staff completed the planning work needed to submit for approval a new CalVTP project, named The SPI Fuel Break Maintenance CalVTP.

**Fuels Reduction Projects (FRP)** – RM staff completed environmental documentation for two new unit fuels reduction projects.

1. Hwy 36 West Prescribed Burn. The project will include burning 169 acres in Caltrans Right of Way. During 2020 the treatment area was prepped for burning that included liming, brush removal, and pile burning.
2. Toomes Camp FRP. This project includes roadside hazardous fuels reduction and will provide for a safer evacuation route. The project totals 51.5 acres. Work in fall of 2020 was initiated and consisted of brush removal, limbing of trees and disposal of vegetation.

**RM Staff provided support and expertise to six ongoing fuels reduction projects:**

1. Diamond Star FRP – This project includes roadside hazardous fuels reduction to improve ingress and egress into a rural subdivision in west Tehama Co.
2. Hwy 36 East Prescribed Burn – This project includes burning 259 acres within the Caltrans Right of Way. The project was completed in 2019 and a maintenance burn completed in 2020.
3. Piney FRP – The north side of this project was completed through execution of a service contract and the remainder of the project received general maintenance during 2020.
4. The LiNe FRP – Unit personnel continue to improve and maintain this fuel break.
5. The Interstate 5 North/South FRP – An annual project that has been maintained by Unit personnel for several years. The project is a fence line scrape along the east and west sides of Interstate 5 between Red Bluff and Shasta Co. Line. In 2019 the I-5 South FRP was added to further improve suppression response to roadside fires along the highway from Red Bluff City limits south to Red Bank Creek.
6. Pellows Road FFP – This project encompasses 155 acres and utilizes the Unit’s grader to annually grade and maintain this import connector road between Toomes Camp Road and Colyer Springs Road in Battalions III and IV.

**CAL FIRE Grants** – Two multiyear fire prevention grants were awarded in 2020. One grant to expand the landowner assistance program for defensible space was awarded to the Resource Conservation District (RCD) of Tehama Co. and one grant to update Glenn Counties Safety Element to Glenn Co. RCD. Unit Staff has responsibility for administration of each grant which includes approval of environmental review documents, approval of invoices for payment and serve as Subject Matter Experts to each RCD.

**Personnel** – The Forestry Assistant II and Environmental Scientist successfully passed their probation periods and are becoming valued employees within the RM program and the Department.

**Fire Suppression Response** – RM staff participated in a historic fire season, personnel were deployed to fires throughout the state for most of the season. One of the largest in the north state, the August Complex provided months of suppression repair work for staff in the unit.

[Signature]

5/1/2021

Unit Chief
Dave Russell
ANNUAL ACCOMPLISHMENTS REPORTING (2019)

Fire Planning:

At the start of 2019, Governor Newsom issued Executive Order N-05-19, directing CAL FIRE to recommend immediate, medium and long-term actions to help prevent destructive wildfires. The Tehama Glenn Unit proposed the Elk Creek Fuel Break in response to the Executive Order, and it was selected as one of the 35 priority projects meeting the need of the Executive Order. The Elk Creek Fuel Break was constructed along the western edge of the SRA in southern Glenn County, from the Glenn/Colusa Line north to County Road 309, near the town of Elk Creek. The Fuel Break is 200 feet wide, just over 33 miles long, and totals 840 acres. With a combined effort of hand crew work, dozer work, and masticator work, the project was completed at the end of December in 2019.

In addition to the Elk Creek Fuel Break, the Tehama Glenn Unit participated in and collected data for 29 Fuel Reduction, Fuel Break, Right-of-Way roadside, and Vegetation Management Program projects in 2019. In total, 4,517 acres were treated and crews worked 13,379 hours on the various projects. This is an increase of approximately 1,300 acres and 3,100 hours as compared to 2018. All work was recorded in the CAL FIRE Management Activity Project Planning & Event Reporter program (CalMAPPER), a database designed to aid CAL FIRE in tracking vegetation management and fuel reduction efforts, while capturing spatial data and project activity information. The information can be shared with internal or external stakeholders for purposes of planning, accountability, management, and emergency response.

In 2019, there were two major fires in western Tehama County, the Red Bank Fire and the Ranch Fire. The Battalion III Pre-Attack Maps were instrumental in gaining access to both incidents for both in-unit and out-of-unit resources. The fuel reduction work on the Sunflower VMP also aided suppression efforts specifically during the Ranch Fire, demonstrating the effectiveness of fuels work.

In September 2019, the communities of Mill Creek and Mineral were nationally recognized as Firewise USA Communities. This helped the communities secure grant funding for hazard tree removal around Mineral and for future fuel reduction projects.

Investigations and Enforcement:

**Fire Prevention/Law Enforcement** – There were 97 unwanted fires in the Tehama Glenn Unit State Responsibility Areas in 2019. The Fire Prevention Bureau arrested 2 persons for Arson., issued 9 fire related citations, and issued 24 PRC 4291 (defensible space) citations.

**Wildland Fire Prevention Engineering** – In March of 2019, TGU hired one Forestry Aid (Defensible Space Inspector – (DSI)) to perform PRC 4291 Defensible Space Inspections in the SRA of TGU. The DSI, along with Engine Companies in the Unit, completed 3166 inspections in 2019. Of those, property compliance with PRC 4291 was 78%.

Education and Information:

In 2019, Tehama Glenn Unit started using Facebook and Twitter for increased public outreach. In addition to social media, an estimated 300 media contacts were made for the dissemination of public and fire information. In 2019, the Education and Information section of the Fire Prevention Bureau participated in approximately 50 fire prevention programs in Tehama and Glenn Counties, including school presentations for thousands of children, parades, the Tehama County Fair, the Glenn County Fair, Corning Olive Festival, Dairyville Orchard Festival, Manton Apple Festival, and the Special Olympics of Tehama County and Glenn County. It is estimated, with all these events, over 24,000 public contacts were made last year. The Volunteers in Prevention (V.I.P.s) worked approximately 300 hours in 2019 assisting with events and fire prevention efforts.
Resource Management Program:

**Forest Practice** - Five new timber harvest plans were reviewed and recommended for approval. Thirty active inspections were accomplished. The Units RPF traveled to Colusa Co. to conduct 11 active and 11 completion inspections in support of Sonoma Lake Napa Unit’s Forest Practice Program.

**Vegetation Management Program** - Resource Management (RM) provided planning and personnel in support of Unit personnel who successfully burned 1955 acres on one VMP. One new VMP was approved and planning work completed for two new VMP’s.

**Fuels Reduction Projects** - Resource Management staff completed environmental documentation for three new unit fuels reduction projects.

1. Hwy 36 East Prescribed Burn. The project included burning 259 acres in Caltrans Right of Way. The project was implemented over a four-day period utilizing night burning. This was the first cooperative project with Caltrans personnel.

2. Diamond Star FRP. This project included roadside hazardous fuels reduction and provided a safer evacuation route. The project encompassed 27.8 acres.

3. Toomes Camp FRP. This project was approved and is planned for implementation in 2020. The project covers 51.5 acres and involves roadside hazardous fuels reduction. When complete this project will connect to the Patton Mills Fuel Break Project, creating a mid-slope fuel break between private lands and the Mendocino National Forest.

**Resource Management Staff provided support and expertise to five ongoing fuels reduction projects:**

1. Piney Fuel Break - Maintenance of this project was completed by Battalion 1 staff and involved a service contract with the masticator. Completion of the north side of the project is planned in 2020.

2. Ponderosa Sky Ranch/Canyon View Loop Project - CCI funding was awarded to TCRCD to complete this fuel break/secondary evacuation route. Due to crew unavailability, the project was not completed during the grant period time frames. The Unit funded the rental of the masticator to complete the project after the grand expired.

3. The LiNe Fuel Reduction Project - An amendment to the environmental review was completed to expand the footprint for this project from 330 to 930 acres. Unit personnel continue to improve and maintain this fuel break.

4. The Interstate 5 North Fuel Reduction Project – An annual project that has been maintained by Unit personnel for several years. The project is a fence line scrape along the east and west sides of Interstate 5 between Red Bluff and Shasta Co. Line, encompassing 177 acres. Each year, the scrape is reinstalled requiring Resource Management Staff to prepare the encroachment permit allowing personnel to enter the Right of Way and perform necessary work.

5. Pellows Road FFP - This project encompasses 155 acres and utilizes the Unit’s grader to annually grade and maintain this import connector road between Toomes Camp Road and Colyer Springs Road in Battalions 3 and 4.

**CCI Grants** - With funding made available through the California Climate Investment Program five multiyear Fire Prevention grants were awarded in November of 2018. Three grants were awarded to the Resource Conservation District (RCD) of Tehama Co. and two to Glenn Co. RCD. One grant was awarded to both Districts. Unit Staff has responsibility for administration of each grant which includes approval of environmental review documents, approval of invoices for payment and serve as Subject Matter Experts to each RCD.

**Personnel** - The Forestry Assistant II position was filled in June 2019. New to the program is the Environmental Scientist Position. This position was filled in December 2019.

_____________________________  5/1/2020

Unit Chief  Date
Christine Thompson

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Last Update: 1 May 2021
ANNUAL ACCOMPLISHMENTS REPORTING (2018)

Fire Planning:

CAL FIRE has the critical need to collect, manage, and distribute information systematically across its Forest Improvement and Wildland Fuels Reduction programs. Projects are funded through several state and federal funding mechanisms and administered by various departmental programs and collaborating partner agencies, statewide. The CAL FIRE Management Activity Project Planning & Event Reporter program (CalMAPPER), is a database designed to aid CAL FIRE in tracking vegetation management and fuel reduction efforts, while capturing spatial data and project activity information, throughout the state. The information can be shared with internal or external stakeholders for purposes of planning, accountability, management, and emergency response.

TGU has participated with and collected data for 53 Fuel Reduction, Fuel Break, Right-of-Way roadside, and Vegetation Management Program projects in the last ten years, in the State Responsibility Areas and with direct exposure in the LRA and FRA. 29 of those projects are currently Active, or Complete-in-Maintenance, with crews tracking daily progress for monthly reporting in CalMAPPER. In 2018, crews worked over 10,200 personnel hours, and improved approximately 3,200 acres.

In collaboration with the Resource Conservation District of Tehama County and the Glenn County RCD and CAL FIRE, five California Climate Investments Fire Prevention Grants were awarded to the RCDs in 2018 which include Tehama County Defensible Space Assistance and Chipping, Glenn County Community Wildfire Protection Plan update, HWY 162 and Road 306 Fuel Break, Manton Roadside Fuel Treatment, and Tehama Fire Safe Council Public Education/Fire Prevention Social Events. The grant project activities have already impacted our community’s awareness and inspired participation, and strengthened the collaboration with CAL FIRE, USFS, BLM, private landowners, the RCDs, and sparked interest in establishing Fire Safe Councils and Firewise Community status in rural communities.

Our continuous fuels project work is being recognized as successful in slowing the forward progress of smaller fires, and giving our firefighters a chance to utilize fuel breaks when a wildfire occurs. Several of the roadside fuel breaks, defensible space LE100 efforts, and overall fire prevention awareness in TGU have helped stop the forward progress of smaller fires, ultimately saving lives and infrastructure. TGU is committed to meeting the Department’s aggressive targets of treatment on the landscape, and tracking our progress in CalMAPPER, so that we will make real and measurable impacts to the fire threat.

Investigations and Enforcement:

Fire Prevention/Law Enforcement:

The Tehama Glenn Unit had 304 unwanted fires within the State and Local Response areas in 2018. Fire Prevention Bureau arrested 3 persons for Arson. There were 24 fire related citations issued, four other vehicle code citations, and 39 PRC4291 (defensible space) citations issued.

Wildland Fire Prevention Engineering:

In April of 2018, TGU hired three Forestry Aids (Defensible Space Inspectors – (DSI)) to perform PRC 4291 Defensible Space inspections in the SRA of TGU. DSIIs completed 4187 inspections in 2018. They conducted approximately 3621 first inspections with a passing rate of 88%. In total, property compliance with PRC 4291 was 98.6%. There were 39 PRC 4291 (defensible space) citations issued due to failing their third inspection.

Education and Information:

In 2018, the Information and Education Section of the Fire Prevention Bureau participated in approximately 50 Fire Prevention programs in the Unit, including school presentations to thousands of kids, the Tehama and Glenn County Fairs, parades, the Corning Olive Festival, Manton Apple Festival, Dairyville Orchard Festival, the Salvation Army Bell Ringing and Food Drive, Toys for Tots Toy Drive, and the
Special Olympics of Tehama and Glenn Counties. It is estimated that approximately 24,000 public contacts are made each year. In 2018, CAL FIRE, Tehama County Fire Department personnel, and Volunteers in Prevention put in at least 1000 hours of Fire Prevention time. There were approximately 200 media contacts via news release, interviews, and phone calls.

**Resource Management Program:**

In 2018, the SRAFPF (State Responsibility Area Fire Prevention Fund) was suspended. Funding for continuation of fuels reduction projects was developed through the CCI (California Climate Investments). An important change for projects eligible for funding involve demonstrating that the project is “carbon neutral” or not contributing to greenhouse gas levels. In 2018/19 five grants were awarded under this new program – three to the RCD (Resource Conservation District) of Tehama and two to the Glenn Co. RCD.

**Fuels Reduction Projects:**

Fire suppression personnel from the unit continued construction and maintenance of the Piney Fuel Break. The Interstate 5 South Fuel Reduction Project was completed and will be reestablished each spring prior to fire season. Environmental Review was completed for one additional fuels reduction project on Sierra Pacific Timberlands and involves a combination of broadcast and pile and burn over 330 acres. Environmental Review was initiated on the Hwy 36 E fuels reduction project which when approved will treat 259 acres east of Red Bluff on either side of this highway within the CAL TRANS right of way.

**Vegetation Management Program (VMP):**

Unit personnel accomplished 2,759 acres of broadcast burning on three VMP’s. One new VMP was approved and planning work completed for another new VMP.

**Forest Practice:**

One new timber harvest plan was reviewed and recommended for approval. Twenty-five active inspections were accomplished. One civil case report submitted to Region Law Enforcement for precaution pertaining to illegal conversion of timberland.

**Personnel:**

The Forestry Assistant position was vacated late in 2018. Advertising was initiated to fly the position again.

__Christine Thompson__

Unit Chief

Date

6-1-19
ANNUAL ACCOMPLISHMENTS REPORTING (2017)

Fire Planning:

During 2017, a Wildfire Pre-Planning “Pre-Attack Map” project was completed for TGU Battalion IV, encompassing southwest Tehama County and west Glenn County. The Pre-Attack Map includes accessible water sources, critical infrastructure including ranches, schools, roads, fuel breaks, and previous fire history. Three of the four Battalion Pre-Attack Maps produced have been implemented by multiple agencies including the USDA Forest Service, Tehama County Fire Department, and Glenn County Fire Districts. The purpose of the Wildfire Pre-Plans and Pre-Attack Maps are to allow initial attack resources, whether local or out-of-Unit, quick response guides to Battalions and Communities. The information contained in the Wildfire Pre-Plan will also be helpful for planning purposes, should the incident reach extended or major fire levels. Wildfire Pre-Planning Pre-Attack Maps have been produced for Battalion I in 2015, Battalion III in 2016, and Battalion IV in 2017. Battalion II Pre-Attack Map should be completed in 2018.

CAL FIRE has the critical need to collect, manage, and distribute information systematically across its Forest Improvement and Wildland Fuels Reduction programs. Projects are funded through several state and federal funding mechanisms and administered by various departmental programs and collaborating partner agencies, statewide. The CAL FIRE Management Activity Project Planning & Event Reporter program (CalMAPPER), is a database designed to aid CAL FIRE in tracking vegetation management and fuel reduction efforts, while capturing spatial data and project activity information, throughout the state. The information can be shared with internal or external stakeholders for purposes of planning, accountability, management, and emergency response. TGU has collected data for more than forty Fuel Reduction, Fuel Break, Right-of-Way roadside, and Vegetation Management Program projects. Twenty-one of those projects are Active, or Complete-in-Maintenance, with crews tracking daily progress. In 2017, crews worked over 3000 personnel hours, and improved approximately 1000 acres. Fuels treatments are typically categorized under the broad scale reporting requirements of Fuels Reduction, Prescribed Fire, Prevention, and Land Conservation. Project mapping is how we represent the efforts on the ground, and the map data can be utilized for operational needs, should a catastrophic wildfire threaten a community or other assets at risk, allowing pre-established fuel breaks to slow or stop the forward progress of a wildfire. Projects are typically located within the State Responsibility Area (SRA), or directly adjacent to the SRA in a Local Responsibility Area (LRA) or Federal Responsibility Area (FRA), and support the goals of the Strategic Fire Plan for California.

The Tehama Glenn Unit is actively orchestrating projects and activities within our two counties, with the collaborative efforts with our Resource Conservation Districts/Fire Safe Counsel and stakeholders, to aid in the reduction of catastrophic loss due to wildfire. We serve and protect the communities with fuel-reduced ingress/egress and fuel breaks in areas potentially exposed to fires. TGU is committed to meeting the Department’s aggressive targets of treatment on the landscape, and tracking progress in CalMAPPER, so that we will make real and measurable impacts to the fire threat.

Investigations and Enforcement:

Fire Prevention/Law Enforcement:

The Tehama Glenn Fire Prevention Bureau arrested 3 persons for Arson. There were 13 citations issued, of the 243 fires reported in 2017.

Wildland Fire Prevention Engineering:

In March of 2017, TGU hired 3 Forestry Aids (Defensible Space Inspectors – (DSI)) to perform PRC 4291 Defensible Space inspections in the SRA of TGU. Two DSIs completed 2801 inspections in 2017. They conducted approximately 2400 first inspections with a passing rate of 84%. In total, property compliance with PRC 4291 was 98%.
Education and Information:

In 2017, the Information and Education Section of the Fire Prevention Bureau participated in approximately 50 Fire Prevention programs in the Unit, including school presentations to thousands of kids, the Tehama County Fair, parades, the Corning Olive Festival, Manton Apple Festival, Dairvillie Orchard Festival, the Salvation Army Bell Ringing and Food Drive, Toys for Tots Toy Drive, and the Special Olympics of Tehama County. It is estimated that approximately 23,000 public contacts are made each year. In 2017, CAL FIRE, Tehama County Fire Department personnel, and Volunteers in Prevention put in at least 1400 hours of Fire Prevention time. There were approximately 100 media contacts via news release, interviews, and phone calls.

Resource Management Program:

State Responsibility Area Fire Prevention Fund:

In 2017, a State Responsibility Area Fire Prevention Fund (SRAFPF) grant was awarded to the Resource Conservation District of Tehama County for the Ponderosa Way/Sky Ranch/Canyon View Loop Fuelbreak. This fuel break is designed to remove hazardous fuels within 187 acres along the length of the access roads into the Ponderosa Sky Ranch and Canyon View Loop subdivisions in eastern Tehama County. The Glenn County Resource Conservation District (GCRCD) continued to administer the construction of the Hwy 306 Fuel Break, also funded through the SRAFPF.

Fuels Reduction Projects:

Fire suppression personnel from the unit continued construction and maintenance of the Piney Fuel Break. Environmental Review was completed to authorize two additional unit fuels reduction projects. The Zane Ranch Fuel Reduction project is designed to remove fuels within a high hazard zone on the Zane Ranch located just south of highway 36 in eastern Tehama County. When completed this fuels reduction project will have removed hazardous fuels on 167 acres. This project will also serve to allow fire suppression personnel to train and maintain their chainsaw certifications. The Interstate 5 South Fuel Reduction Project is designed to reduce hazardous fuel profiles within the wildland and wildland urban interface south of the community of Red Bluff along the west side of Interstate 5 from Montgomery Road to Flores Avenue. When complete, 10 acres will be treated.

Vegetation Management Program (VMP):

1606 acres of broadcast burning was completed on the Nature Conservancy VMP. The Sunflower VMP was renewed and approximately 250 acres of mosaic burn conducted. A new VMP was authorized on the Turri Ranch in western Tehama County and 324 acres burned on that VMP.

Forest Practice:

Five new timber harvest plans were reviewed and recommended for approval. Twenty-five active inspections were accomplished and six stocking and or completion report inspections completed. One Non-Industrial Timber Management Plan (NTMP) submitted a notice to operate and the annual completion inspection was conducted for this plan.

Personnel:

The Forester I position has remained vacant for three years. The unit determined the need to downgrade the Forester I position to a Forestry Assistant II position, and late in the year that position was filled.

Unit Chief
Christine Thompson

Date  5-1-18
ANNUAL ACCOMPLISHMENTS REPORTING (2016)

Fire Planning:

During 2016, a Wildfire Pre-Planning “Pre-Attack Map” project was completed for TGU Battalion III. The Pre-Attack Map includes water sources, critical infrastructure, fuel breaks, and previous fire history. Many personnel hours were utilized in verifying address and improvement data. The purpose of the Wildfire Pre-Plans and Pre-Attack Maps are to allow initial attack resources, whether local or out-of-unit, quick response guides to Battalions or Communities. The information contained in the Wildfire Pre-Plan will also be helpful for planning purposes should the incident reach extended or major fire levels. Wildfire Pre-Planning Pre-Attack Maps have been produced for Battalion I in 2015, Battalion III in 2016, and Battalion IV in 2017. Battalion II Pre-Attack Map should be completed in early 2018.

CalMAPPER is a database designed to aid CAL FIRE in tracking vegetation management and fuel reduction efforts. Efforts are recorded through activities, and funding records that are entered by users. Tehama Glenn Unit is actively orchestrating projects and activities within the two counties to aid in the reduction of catastrophic loss due to wildfire, serving the communities and emergency resources with fuel-reduced ingress/egress and fuel breaks in areas potentially exposed to fires. TGU is committed to meeting the Department’s aggressive targets of treatment on the landscape, and tracking progress in CalMAPPER, so that we will make real and measurable impacts to the fire threat.

Investigations and Enforcement:

The Tehama Glenn Prevention Bureau arrested 4 persons for suspected Arson. There were 11 citations issued, of the 110 fires reported in 2016.

Wildland Fire Prevention Engineering:

In March of 2016, TGU hired 4 Forestry Aids (Defensible Space Inspectors – DSI) to perform PRC 4291 Defensible Space inspections in the Unit. In 2016, they conducted approximately 3700 first inspections with a passing rate of 86%. In total, property compliance with PRC 4291 was 99%.

Education and Information:

In 2016, the Information and Education Section of the Fire Prevention Bureau participated in approximately 50 Fire Prevention programs in the Unit, including school presentations to thousands of kids, the Tehama County Fair, parades, the Corning Olive Festival, Manton Apple Festival, Dairyville Orchard Festival, the Salvation Army Bell Ringing and Food Drive, Toys for Tots Toy Drive, and the Special Olympics of Tehama County. It is estimated that approximately 30,000 public contacts are made each year. In 2016, CAL FIRE, Tehama County Fire Department personnel, and Volunteers in Prevention put in at least 600 hours of Fire Prevention time. There were approximately 200 media contacts via news release, interviews, and phone calls.

Vegetation Management:

In 2016, SRAFPF grants were awarded to Glenn County Resource Conservation District (GCRCD) for the Highway 162 Fuel Break and Resource Conservation District of Tehama County for the Hazen C Line Fuel Break, and were both successfully completed. The Highway 162 Fuel Break consisted of completing 17 miles of hand line construction within the CAL TRANS right of way, along Highway 162 in the SRA portion of Glenn County. In 2016, The GCRCD was awarded another SRAFPF grant to construct 32 miles of fuel break on the east and west sides of Road 306 between Elk Creek and Stoneyford. The Hazen C-Line

Last Update: 1 May 2021
project is finished, and included constructing and maintaining a 300-foot wide roadside fuel break in the Manton area. Funding for this project allowed the fuel break to be extended approximately 2 miles, and now connects to an existing stakeholder’s fuel break.

The SRAFPF Unit Allotment funded maintenance of approximately 11 miles of the I-5 Fuel Break, and 21 miles of the Pellows Road Grading Project.

The California Conservation Corps have completed 1.5 miles of the Ponderosa Way Sky Ranch Fuel Break project this winter using SRA funding.

On the Payne’s Creek Sportsman’s Club VMP approximately 80 acres of chemise was cut, piled and burned. The cutting of brush was completed during the Ishi Crew Preparedness Exercise, and piling and burning was done during the winter months.

On the TNC VMP, 1008 acres was successfully burned and provided an opportunity for the Region Firing class to conduct their field training component.

Battalion I has initiated the Pinry Fuel Break project surrounding the Ponderosa Sky Ranch community. The project consists of cleaning up approximately 49 acres of brush along a dozer line around the perimeter of the subdivision.

Unit Chief
Christine Thompson
ANNUAL ACCOMPLISHMENTS REPORTING (2015)

Fire Planning:

During 2015, a Wildfire Pre-Planning project was completed for Battalion I in the Tehama Glenn Unit. These Pre-Plans include water sources, critical infrastructure, fuel breaks, and previous fire history. Many personnel hours were utilized in verifying address and improvement data. The purpose of the Wildfire Pre-Plans is to allow initial attack resources, whether local or out of unit, a quick response guide to Battalions or communities. The information contained in the Wildfire Pre-Plan will also be helpful for planning purposes should the incident reach extended or major fire levels. Another Wildfire Pre-Plan map has been started for Battalion III with a projected completion time of May 2016.

Investigations and Enforcement:

The Tehama Glenn Prevention Bureau conducted investigations pertaining to determined arson fires with 1 arrest. There were three citations issued.

Wildland Fire Prevention Engineering:

In March of 2015, Tehama Glenn Unit hired 2 Forestry Aids to perform 4291 Defensible Space Inspections in the unit. During their time in the field, they conducted approximately 3800 first inspections with a passing rate of 87%. There were fewer third inspections 103 compared to last year 176. In total, property compliance with PRC 4291 was at 99%.

Education and Information:

In 2015 the Information and Education Section of the Fire Prevention Bureau participated in numerous fire prevention programs in Tehama Glenn Unit, including school presentations for approximately 2600 kids, the Tehama County Fair, parades, the Corning Olive Festival, Manton Apple Festival, Dairyville Orchard Festival, May Madness Car Show, and the Special Olympics of Tehama County. It is estimated that approximately 36,000 public contacts were made for the year. In 2015, CAL FIRE, Tehama County Fire Department personnel, and Volunteers in Prevention put in 2600 hours of fire prevention time. There were approximately 200 media contacts via news release, interviews, and phone calls.

Vegetation Management:

In 2015, SRAFPF grants were awarded to Glenn County Resource Conservation District for the Highway 162 Fuel Break and Tehama County Resource Conservation District for the Hazen C-Line Fuel Break. The Hazen C-Line project has been an ongoing project for several years, and is comprised of constructing and maintaining a 300 feet wide roadside fuel break in the Manton area. Funding for this project has allowed the fuel break to be extended approximately 2 miles, and when complete will connect to an existing stakeholder’s fuel break. The Highway 162 Fuel Break consists of completing 17 miles of hand line construction within the CAL TRANS right of way, along Highway 162 in the SRA portion of Glenn County. Twelve miles of the seventeen-mile project has been completed, to date. In 2016, The Glenn County RCD was awarded another SRAFPF grant to construct 32 miles of fuel break on the east and west sides of Road 306 between Elk Creek and Stoneyford.

The SRAFPF Unit Allotment funded maintenance of approximately 11 miles of the I-5 Fuel Break and 21 miles of the Pellows Road Grading Project.
The California Conservation Corps have completed 1.5 miles of the Ponderosa Way Sky Ranch Fuel Break project this winter using SRA funding.

On the Nature Conservancy VMP, Tehama Glenn Unit successfully burned 1090 acres to eradicate noxious weeds and improve range and wildlife habitat. On the Payne’s Creek Sportsman’s Club VMP approximately 80 acres of chemise was cut, piled and burned. The cutting of brush was completed during the crew preparedness exercise and piling and burning done during the winter months.

[Signature]
Unit Chief
Christine Thompson

5/1/16
Date