

1. Cover Sheet

Project Information	
Project Title	Tehama Shasta Glenn Colusa Forest Health Watershed Coordinator Program
Location (County and/or City)	Tehama, Shasta, Glenn, Colusa County
District Number(s):	Senate: District 1 and District 4
	Assembly: District 1, District 3, and District 4
Watershed Coordinator Zone	Sierra Nevada + Cascade
Target Watershed(s) (HUC 10 and/or HUC 8)	18020112, 18020005, 18020004, 18020003, 18020118, 18020119, 18020116, 18020115, 18020114, 18020113
Grant Request Amount	\$184,880.91
Watershed Coordinator Costs	\$ 154,413.50
Administrative Costs	\$ 30,467.42
Applicant Information	
Applicant Name	RCD of Tehama County
Organization Type	<i>Special District</i>
Department/Office	N/A
Federal Employer ID Number	68-0142292
Mailing Address	2 Sutter Rd Suite D
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2. Executive summary

The primary goal of the Tehama Shasta Glenn Colusa Forest Health Watershed Coordinator Program is to coordinate, expand upon and leverage extensive in place, in process and currently proposed forest health, carbon sequestration, and watershed improvement efforts within four forested counties located within the north Sacramento Valley. In addition, this project seeks to expand already successful long term collaborations within this portion of the North State area, including a formal Collaborative Memorandum of Understanding among the four participating Resource Conservation Districts (RCD) (Colusa and Glenn County RCDs, RCD of Tehama County and Western Shasta RCD). The project area includes a large portion of the Sierra and Cascade Coordinator Zone located in Tehama and Shasta County. It also includes a significant area within the North Coast portion of the North and Central Coast Watershed Coordinator Zone located east of the range's summit within Shasta, Tehama, Glenn and Colusa County (See Watershed Map). Each of the counties involved in this initiative have completed detailed watershed assessments and management plans, Community Wildfire Protection Plans (Colusa County currently has funding to complete one) along with other resource assessment and planning documents. These planning and assessment documents address local forest health and wildland fire issues and provide recommendations for project work or other implementation efforts that will improve current conditions. In addition, these planning documents were prepared in a manner that maximized public input. As a result, significant community input has already been incorporated into the implementation efforts that are currently being developed or proposed for completion by the participating RCDs, state and federal entities as well as non-government resource groups. As a result of these past efforts, local partners are expecting to keep ahead of ongoing extensive tree mortality that appears to be expanding into the North State from the Central Sierra area region.

After many years of discussion and collaboration, these groups are largely in agreement on the general actions necessary to improve current conditions within the four county area. These include:

- Expanding and improving current fire/fuels management, fire ecology and other forest health efforts on public and private timberlands through the development of state, federal and private funding sources. As proposed, these efforts are expected to enhance forest health, resilience to climate change and the long-term sequestration and storage potential of carbon.
- Increasing the protection of forests within the four county area primarily from catastrophic wildfire. Due to the general undeveloped nature of the project area's forestlands, wildfire is considered the most significant threat to the maintenance of a stable forest land base within this portion of the North State as compared to land use conversion.
- Providing an opportunity for collaborators to better prioritize and leverage each County's implementation efforts in a manner that meets the goals and intention of the Forest Carbon Plan. The watershed coordinator would continue and expand many of the forest health initiatives developed by the participating RCDs over the past 10 years. Through the centralization of efforts to develop funding applications and specific work scopes as agreed upon by each participating RCD, it is anticipated that the ability of these organizations to obtain necessary project dollars to implement landscape scale projects will be greatly improved. In addition, the watershed coordinator would coordinate local activities with regional prioritization sub groups of the Governor's Forest Management Task Force.

The RCDTC has determined that the overall **Tehama Shasta Glenn Colusa Forest Health Watershed Coordinator Program** is statutorily exempt under the CEQA regulations in that

"A project involving only feasibility or planning studies for possible future actions which the agency, board, or commission has not approved, adopted, or funded does not require the preparation of an EIR or Negative

Declaration but does require consideration of environmental factors. This section does not apply to the adoption of a plan that will have a legally binding effect on later activities."

3. Application Questions

a. Describe how the watershed encompasses forest lands with characteristics and indicators prioritized by the Forest Carbon Plan:

- Forests projected to be at risk due to climatically driven stressors.

The forested counties included in the **Tehama Shasta Glenn Colusa Forest Health Watershed Coordinator Program (Program)** project area contain approximately 3,278,000 acres of public and private forestlands. At the present time tree mortality rates within the North Sierra and Southern Cascades area are lower than those found in the Central and Southern Sierras. Surveys and related tree mortality mapping conducted by the US Forest Service (USFS), Cal Fire, and the Tree Mortality Task Force (TMTF) between 2012 and 2017 however, show an increased rate in drought related mortality within the mixed conifer forests found in the four-county project area, particularly those at lower elevations. More specifically, mapping prepared by the TMTF indicates that mortality rates have been rising within eastern Tehama County and Eastern Shasta County particularly within the 5-15 and 15-40 dead trees per acre categories. That portion of the South Coast Range within Shasta, Tehama, Glenn and Colusa Counties was shown to have significantly increased rates of tree mortality as well. As of March 2016, total tree mortality on large publicly managed land within the four county project area was as follows:

Land Management Unit	Total Acres Containing Drought Related Tree Motility	Total Dead Trees Attributable to Drought and Related Impacts
Lassen National Forest	166,000	831,000
Shasta-Trinity National Forest	79,000	571,000
Mendocino National Forest	79,000	410,000
Lassen Volcanic National Park	12,000	34,000
Whiskeytown National Recreation Area	2,000	6,000
Totals	338,000	1,852,000

**Data per the 2015 Aerial Survey Results: California USDA Forest Health Monitoring Program*

The widespread perception of increasing risk for large scale tree mortality and forest health decline among land owners and land managers within the project area is reflected in the current level of public and private efforts to stave off the extremely high rates of decline found within the South and Central Sierra areas. The focus areas of the **Program** are low, mid and upper elevation mixed conifer forestlands located within that portion of eastern Tehama County and Shasta County within the

northern Sierra and South Cascade Ranges. It also includes lands within western Shasta, Tehama, Glenn and Colusa Counties located within the South Coast Range.

References

Tree Mortality Viewer, Tree Mortality Task Force, Sacramento, CA Accessed 1-19 and 2-19
2015 Aerial Survey Results: California, USDA Forest Health Monitoring Program. Davis CA March 2015 R5-PR-034

- **Forests at greatest risk to high-severity events (e.g., fire, insect outbreak).**
Due to timber harvest and active vegetation control, counts of trees per acre within large private forestlands inside the project area are generally lower than those on publicly managed forests (National Forests and Bureau of Land Management (BLM)). As a result, these privately held forestlands show lower levels of tree mortality and other health issues. As a result, a primary focus of the **Program** is increasing the pace and scale of implementation efforts on portions of Lassen National Forest (LNF), Shasta-Trinity National Forest (STNF), and Mendocino National Forest (MNF) lands within the project area, those managed by the National Park Service (Lassen Volcanic National Park (LVNP) and Whiskeytown National Recreation Area (WNRA)) along with those under Bureau of Land Management (BLM) control. In addition, this effort seeks to better identify forest health issues on small privately owned forestlands that are interspersed within larger public and private forested areas. Throughout the project area, these smaller forested parcels are often overstocked or otherwise poorly managed due absentee ownership or lack of management funds. Once project needs within these public and private forest parcels were identified, packages of project work and funding applications related to work on multiple holdings could be developed in order to make them more effective and cost efficient thus being more appealing to potential funding entities.

Regardless of the fact that tree mortality is generally lower within large privately managed forests, these lands play an important role in the efforts to be completed in connection with this project. In addition to requiring the same protection from wildfire as large public and small private forestlands, the reduced vegetation within these actively managed forest stands act as in place fuel breaks that can be incorporated into the development of large fire/fuels management and fire ecology restoration efforts. As a result, newly developed project work that entailed treatments on small forested parcels and adjacent public lands can be connected with actively managed commercial forests in order to leverage their impact and maximize forest restoration efforts on a landscape basis. Finally, wildfire and forest pest infestations know no boundaries and the most optimal site for the development of forest health and protection projects may be found within large privately-owned forests. If properly located and developed, project work on private forestlands can provide significant protection to an array of public and private landholders.

- **Stands with existing large trees.**
Due to long history of timber harvest within large commercially managed timberlands, the majority of large trees within the **Program** area are generally found on public lands such as USFS Wilderness Areas, other US Forest Service and BLM reserves, those lands managed by the US Park Service, and some small private forested parcels managed for wildlife or other non-extractive resources. The protection of old growth forests and other stands of large trees will be among the resources to be protected through the development and execution of the fire/fuels management, fire ecology and

forest health implementation efforts to be developed by the RCD of Tehama County Forest Health Watershed Coordinator in collaboration with the project partners described in this application.

- **Forests at high risk of type-conversion (e.g., forest to shrub or grass vegetation).**
Fire ignition risk and spread within eastside (Sierra/Cascade) and westside (South Coast Range) chaparral stands pose the greatest risk for type conversion within the forest stands of the **Program** area. These brush stands located immediately adjacent to forest lands are often in an overgrown condition. Ongoing low rates of precipitation can then result in the rapid spread of fire from downslope developed ignition sources located within oak woodlands and grasslands areas, upslope into forest stands. As a result of poor growing conditions for conifer species and black oak at lower elevations along with the rapid development of chaparral stands after wildfire events, a significant amount of previously forested areas have been lost to brush conversion. Chaparral sites within forest stands located on dry south facing slopes or other harsh sites can similarly expand into surrounding forested areas.

To address these issues, the RCDTC Forest Health Watershed Coordinator will utilize program funds to continue collaboration with public and private land managers in the development of fuel treatments, reforestation and other efforts along with the funds necessary to implement project work. These efforts will be directed at target chaparral stands that pose the greatest risk of ignition and fire spread into mixed conifer forests including Late Successional Reserves found within the Shasta-Trinity and Mendocino National Forests. These forest protection project development efforts will continue the extensive amount of project work that has been completed over the past 15 years through collaboration between the RCDTC, Forest Service and Cal Fire that now provide significant protection to a number of low and mid elevation forest stands.

- **Areas with high habitat values at risk, such as spotted owl Activity Centers.**
The forested lands within and adjacent to the project area contain an array of habitat values at considerable risk from wildfire and other forest health issues as described below:

The Sierra-Cascade portion of the project area contains lands managed under the multi-use objectives of the Lassen National Forest and the Shasta-Trinity National Forest. Within the boundaries of the LNF is the Ishi Wilderness (41,339 acres) located on the Forest's west side in Tehama County along with the Caribou Wilderness (20,838 acres) adjacent to the eastern boundary of the Lassen Volcanic National Park which itself covers an area of 106,450 acres. North of LVNP boundaries is the (16,335) Thousand Lakes Wilderness. Within the North and Central Coast Watershed Coordinator Zone portion of the overall project area are significant forested areas of the Shasta-Trinity National Forest and the entire eastside area of the South Coast Range which is under public and private management. STNF lands found within this portion of the project area include the 7,825 Chancelulla Peak Wilderness which contains stands of old growth pine, fire and cedar along with portions of Hayfork Creek considered important habitat for listed anadromous species. A significant portion of the 182,299-acre Yolla Bolly Wilderness is also found within the project areas westside under Shasta-Trinity and Mendocino National Forest management. These undeveloped lands contain large contiguous stands of old growth conifer species and black oak along with various rare and threatened understory plants. The Yolla Bolly Wilderness Area is also the headwaters of Thomes Creek and Cottonwood Creek whose watershed systems are considered to contain habitat

for Steelhead trout and listed Chinook Salmon. Within Colusa County is the 60,076 Snow Mountain Wilderness Area portion of the recently established Berryessa Snow Mountain National Monument which contains similar forest species and listed plants as the Yolla Bolly Wilderness. Several outcroppings of the Central California Coast Range Stony Creek Serpentine Formation are found within forested portions of the project area. Approximately 15,063 acres of this Serpentine Bearing Rock Formations have been identified within low elevation forest areas along with adjacent and interspersed chaparral lands. These areas contain unique soils that harbor a number of species endemic to serpentine formations which in a number of instances are found nowhere else in the State.

Lands Managed by the LNF, STNF and MNF contain a number of formally designated or candidate Research Natural Areas (RNAs) that have been established in order to be permanently protected and maintained in a natural condition. RNAs are managed to maintain the natural features for which they were established and to maintain natural processes. These protected natural areas include unique ecosystems or ecological features; rare or sensitive species of plants and animals and their habitat and/or high-quality examples of widespread forested and forest adjacent ecosystems. Within that portion of the Lassen National Forest within or adjacent to the four county project area are found the Blacks Mountain, Cub Creek, Greek Island Lake (recommended for inclusion), Indian Creek, Iron Mountain (candidate) RNAs. The Devil's Rock Hosselkus, and Manzanita Lake RNA's are located on Shasta-Trinity National Forest lands inside the project area. The Devils Basin, Doll Basin, Frezel Creek and Wilder Ridge RNA areas are located within that portion of the MNF located in Tehama, Glenn and Colusa County.

The STNF, MNF and portions of the LNF on its extreme northwest corner contain large areas of Late-Successional Reserves (LSR) and Managed Late Successional Areas (MLSA). The objective of LSRs is to protect and enhance conditions of late-successional and old-growth forest ecosystems which serve as habitat for species utilizing these sites such as the northern spotted owl and Marbled Murrelet. To improve the protection and maintenance of these old growth forest stands, it is anticipated that specific projects such as thinning operations and fuels treatment will need to be developed through cooperative efforts between the RCD of Tehama County, the US Forest Service along with other public and private land managers.

In addition to sensitive forested lands under federal management, the **Program** area contains a number of State-owned parcels including the 44,500 Tehama Wildlife Area located east of LNP boundaries. These California Department of Fish and Wildlife (CDFW) managed parcels incorporate areas of low elevation eastside conifer forests containing intermixed black oaks, oak woodlands along with adjacent grasslands and chaparral. If not properly managed, non-forested portions of the wildlife area pose a significant risk to upslope forestlands related to fire ignition and spread. This area is also significant as it provides winter range for the Tehama Deer Herd, one of the largest in California and which inhabit upslope forestlands during summer months. Another state owned land within the **Program** area is the 720-acre Cinder Flats Wildlife Area. This state-owned land contains extensive pine and oak woodland, as well as open flats of juniper and sagebrush. This site is significant as the forest species mix provide superior habitat for nesting bald eagles and winter range for black-tailed and mule deer as well as bears, mountain lions, badgers, and bobcats.

A number of major tributaries to the Sacramento River originate within the forestlands found in the **Program** area. A number of these streams contain habitat for anadromous species including listed salmonids. Those within Shasta and Tehama County's eastside area include the Cow-Battle Creek system, Antelope Creek, Mill Creek and significant portion of the Deer Creek system. Mill Creek and Deer Creek in particular possess extraordinary resources in that they support one of the few remaining viable populations of wild spring-run chinook salmon in the Sacramento-San Joaquin River system. In addition to wildlife, these creeks contribute water of exceptional quality into the Sacramento River system.

Within Shasta and Tehama County's westside is the Cottonwood Creek watershed system which is the largest undammed tributary in the Sacramento River Basin. All three forks of Cottonwood Creek support fall-run salmon, and Beegum Creek a tributary to the Middle Fork, is important habitat for spring-run salmon and steelhead. The Cottonwood Creek watershed also supports a variety of wildlife species reflecting the diversity of its landscapes. Special-status species located within the watershed's upper and lower elevation conifer forests include the northern spotted owl and red-legged frog. Other major Westside tributaries include Thomas Creek (Tehama County) and Stony Creek (Tehama, Glenn and Colusa Counties) which provide significant flows into the Sacramento River system and provide aquatic and riparian habitat within the forested areas of their watershed.

- **Areas that need to be reforested after high mortality events.**

Both Glenn County and Colusa County are significantly impacted by reoccurring wildfire within lands managed by the Mendocino National Forest. The most recent occurrence of wildfire within those public forelands was the 2018 Mendocino Complex Fire which impacted a significant portion of the Snow Mountain Wilderness. Based upon the final Burned Area Emergency Response report prepared by an interagency team of resource specialists, a large number of previously forested acres within this fire's burned area are in need of reforestation and other forms of revegetation. The burned area is also in need of erosion control that if left untreated, pose a significant threat to reforestation efforts, forest soil health and water quality. At the present time, the RCDTC works closely with MNF personnel either directly or through District coordination of Fire Scape Mendocino efforts. The Forest Health Watershed Coordinator will focus special attention to directing State reforestation, fire/fuels management, water quality and soil health dollars to restore forestlands within Mendocino Complex Fire lands of Glenn and Colusa County, the Carr Fire which impacted forestlands in Shasta County along with the smaller Whiskey Fire that occurred in southwest Tehama County and forested portions of the Carr Fire burn area.

Recently the RCD of Tehama County collaborated with the Mendocino National Forest and local timber management firm in the development of the 3,330 acre FireScape Mendocino Forest Health Project. This proposal, now under review for Cal Fire funding, focuses on increasing carbon sequestration through the restoration of forest health, promotion of fire resiliency, and improvement of ecological functions through fuels reduction, biomass utilization, and reforestation on forest stands that have been impacted by overstocking, drought stress and insect infestation. The overall goal of this project is to create a measurable shift toward restoring ecological conditions and healthy wildfire processes through treatment activities within low and upper elevation mixed conifer forest within that portion the South Coast Range in Tehama County.

Throughout the four-county project area are a large number of small burned areas on public lands that are in need of reforestation or other forms of post fire resource restoration and improvement. Working with USFS, Cal Fire and BLM personnel, the RCDTC Forest Health Watershed Coordinator will identify those areas within the project area that are in need of treatments. With that information, the WC will develop project descriptions, work scopes and budgets that can be packaged into specific funding applications as financial resources are identified. Related to reforestation on small privately held forestlands, a considerable number of parcels that were impacted during the 2012 Manton Fire remain in need of post fire restoration. In a similar manner, the WC will develop projects and funding necessary to reforest and restore small burned parcels impacted by that large wildfire within eastern Tehama County near Lassen National Forest Boundaries.

USFS August 2018 Ranch Fire Phase 1 Burned Area Report FSH 2509.13

BLM August 2018 Carr Fire 2018 Burned Area Emergency Response Plan Redding Field Office BLM Whiskeytown NRA NPS Shasta-Trinity National Forest

USFS Carr Fire 2018 Burned Area Emergency Response Plan, Redding Field Office BLM---- Whiskeytown NRA NPS...Shasta-Trinity National Forest

Mendocino National Forest. Decision Memo Four Beetles Forest Health Improvement Project April 2018

- **Forests at risk of conversion to other uses, including development and agriculture.**
Due to the steep generally undeveloped nature of the project area's forestlands, wildfire rather than land use conversion is considered the most significant threat to the maintenance of a stable forest land base within this portion of the North State.
- **Previously treated areas that are in need of follow-up "maintenance" treatments, which are generally less costly and may be able to be accomplished via prescribed fire.**
A number of previously treated areas within the four-county project area have been identified by RCDTC, Cal Fire and US Forest Service personnel. It is anticipated that through discussions with public and private land management entities, the RCDTC WC will identify additional areas where maintenance treatments are necessary and with which funding for project implementation will need to be identified and secured.

Western Tehama County

Among the significant areas in which maintenance treatments are required is approximately 75 miles of mechanically developed fuel breaks and other areas located within low elevation conifer forests and immediately adjacent chaparral stands within western Tehama County that pose a direct risk of ignition and fire spread to upslope forestlands, the Yolla Bolly Wilderness, and other sensitive sites. The initial vegetation treatments were completed between 1999 and 2013. This fire management infrastructure is located on both public (USFS) and private parcels.

Eastern Tehama County

Between 2008 and 2011, the RCDTC, Cal Fire and USFS developed a number of collaborative fuels management and forest protection projects within low elevation conifer forests and immediately adjacent chaparral lands within eastern Tehama County. Both the treatment areas as well as the forestlands to be protected are located on public (USFS) and private parcels. Given the proximity of chaparral stands and low elevation conifer forests to high site mid and upper elevation forestlands, it was determined that downslope vegetation posed a direct and significant threat to upslope forests, the watershed resource found within the Lassen National Forest and Lassen Volcanic National Park as well a number of small rural communities. Those efforts consisted of vegetation removal and herbicide application treatments along roadside areas and other sites. Herbicide application was limited to those parcels where chemical use was pre-approved by land managers. The use of herbicide was included in project descriptions to extend the life of vegetation treatments. On those sites where herbicide was not used, dense stands of brush species have redeveloped and create a significant risk of ignition and fire spread. Consequently, these areas are candidates for maintenance treatments.

- b. Describe the watershed's current condition and cite any formal studies, reports, or research papers that support the description.

Forest Stand Mortality and Infestation

At the present time, the **Tehama Shasta Glenn Colusa Forest Health Watershed Coordinator Program** project area is not at the center of tree mortality within California. Cal Fire maps indicate increased levels of mortality moving from the Southern and Central Sierra Nevada Range into its northernmost portion along with the southern Cascades, Klamath Mountains and the South Coast Range. Throughout public and private forestlands within the four-county project area, increased levels of tree mortality have been identified (see **discussion under 1.a "Current Watershed Conditions/Potential Benefit to the Watershed"**).

Based upon environmental analysis found in NEPA related documents prepared in connection with the Mendocino National Forest's Four Beetles South Forest Health Improvement Project, continued drought throughout the west along with dense, overstocked forest stands are leading to moisture stress and related tree mortality. These conditions are contributing to increased rates of insect and disease infestation in most conifer species found in the South Coast Range. This analysis also contends that vegetation treatment actions are necessary in the near future in order to prevent future spread of infestation and related mortality, promote future forest conditions that are more resistant and resilient to natural disturbances and improve wildlife habitat. In order to improve current stand health and vigor, reduction in stand density is required to:

- Increase structural and tree species diversity through the development of new age classes of trees
- Increased incremental growth of trees
- Improved genetics of forest stands
- Maintain and improve growing conditions for black oak

Such actions within forested areas would have incidental benefits to other resources including improved watershed conditions, reduced fuel loading and potential for crown fires and the maintenance of visual

quality. The following general types of treatments have been determined by USFS personnel to accomplish forest stand improvements:

- Thinning and removal of selected overstory trees.
 - Thinning of small understory trees through mastication, piling, burning or chipping and shipment of material to a local biomass cogeneration plant.
 - Thinning of young (less than 100 years old) conifer stands and plantations, retaining suitable snags.
 - Mastication and broadcast burning.
 - Disposal of material unsuitable for commercial utilization through mastication, chipping and burning.
 - Reforestation through planting of appropriate tree species.
- Improved green tree and oak retention, restoring balance between attainable forest management practices and development of desired late-seral stand attributes.

USFS environmental analysis documents prepared in connection with other vegetation management projects throughout the South Coast Range in Shasta, Tehama and Glenn Counties indicate similar conditions.

Protection of Late-Successional Reserves

Late-successional forest communities are the result of unique interactions among forest disturbance, regeneration, succession, and climate that cannot be recreated in their entirety through management. Consequently, conserving a network of natural old-growth stands maintains biodiversity into the future. Desired late-successional and old-growth characteristics that will be created as younger stands change through successional development include: (1) multispecies and multilayered assemblages of trees, (2) moderate-to-high accumulations of large logs and snags, (3) moderate to high canopy closure, (4) imperfections such as cavities, broken tops, and large deformed limbs, and (5) moderate-to-high accumulations of fungi, lichens, and bryophytes.

These conditions are found within the South Coast Range along with a portion of the Cascade region. Protection of these reserves is necessary due to their relatively limited acreage. Such protection is also required as they are an important network of existing old-growth forest ecosystems that are retained in their natural condition with natural processes such as fire, to the extent possible. As a result of these ecosystems' significance in maintaining habitat for rare and listed species, the RCDTC's WC will cooperate with USFS personnel and managers of private forestlands in the development of fire/fuels management projects that will protect Late-Successional Reserves from the effects of wildfire.

Aspen Stand Conditions

Within Tehama and Shasta County as well as throughout the Sierra Nevada Range, the distribution of quaking aspen (*Populus tremuloides*) is limited and presently comprises approximately 1% of the total Statewide forest cover. Within public lands managed by the Lassen National Forest it was reported that roughly 77% of the aspen stands were in decline and at risk of loss. While aspen is not declining everywhere or at the same rates in the western part of the United States, its loss is still significant. As a

disturbance-dependent species, aspen is known for its many ecological benefits including increased diversity of plants, birds, and other wildlife, as well as many ecosystem services (water filtration, flood abatement, biodiversity maintenance). Many aspen stands in the West are declining due to climatic changes (i.e. drought), ungulate browsing, and a lack of disturbance, particularly fire as well as conifer encroachment.

At the present time RCDTC personnel are working in cooperation with the Collins Pine Company and Sierra Nevada Conservancy on aspen restoration projects within the Childs Meadows complex. These efforts entail thinning of adjacent forest stands in order to both improve hydraulic conditions within meadow soils as well as reduce the risk of wildlife to meadow vegetation and water quality. In addition, encroaching conifers will be removed from aspen stands within and adjacent to the meadow and a fuel break will be created along State Route 36 E to further reduce risk of fire ignition and spread. During the development of this project, it was noted that aspen stands are found throughout public and private forestlands within eastern Tehama and Shasta Counties. Consequently, in addition to completing current work on the RCDTC's in process project, the WC will develop in cooperation with Collins Pine Company forestry staff, work scopes and project descriptions for additional aspen stand treatments. The WC will also identify funding sources for this work that would be in addition to company contributions.

References

B. Johnson, Aspen Baseline Assessment Report Collins Almanor Forest January 2017

Late Successional Reserves and Managed Late Successional Areas Standards and Guidelines USFS Region 6, November 1997

Gutierrez R.J. and others, The California Spotted Owl: Current State of Knowledge, Chapter 5 Current and Projected Conditions of Mid Elevation Sierra Nevada Forests General Technical Report PSW-GTR-254 Pacific Southwest Research Station

Christensen and others, California Forest Resources: Forest Inventory and Analysis 2001-2010 General Technical Report PNW-GTR-913 February 2016

USDA Climate Hub Office of Sustainability, Drought and Tree Mortality in the Pacific Southwest Region, December 2017

Mendocino National Forest, Scoping Letter Four Beetles Forest Health Improvement Project September 2017

Mendocino National Forest Land and Resource Management Plan 1995

Mendocino National Forest. Decision Memo Four Beetles Forest Health Improvement Project April 2018

Shasta-Trinity National Forest Dubakella Plantations Insect and Disease Project Background Information March 2018

Shasta-Trinity National Forest Land and Resource Management Plan 1994

- c. Describe how the watershed coordinator would benefit the watershed. The response should address:
- The watershed-related goals in your organization's strategic or long-range plan, the connection between the Forest Carbon Plan and those goals, and how a watershed coordinator would help your organization achieve these goals. Specific problems and issues on public and/or private land within the watershed, and how a watershed coordinator would help to address these problems.

The following goals have been stated in the RCD of Tehama County's 2019 Strategic Plan that will be advanced by DOC funding of the District's **Tehama Shasta Glenn Colusa Forest Health Watershed Coordinator Program**

Goal 1: Funding

Objective A Fee-for-service

Search for additional fee-for-service opportunities.

Among the project types anticipated to be developed in connection with the RCDTC Forest Health WC program are fee-for-service assignments between the RCDTC and public or private entities. (see Take 1, Task 2 and Task 3)

Objective B

Government Grants and Contracts:

Research federal and state government grant and agency personnel to identify new funding opportunities.

The WC will utilize a significant portion of DOC WC hours to identify advertised public grant dollars and to work with agency personnel in the development of additional grant programs that will address the forest health, fire/fuel management and fire ecology issues specific to the four county project area. (see Task 1, Task 2, Task 3, and Task 4)

Strategic Goal II: Projects

Objective B

Land Use and Conservation Management:

Assist land stewards with the creation of conservation management plans and permit applications

(See Task 1 and Task 4)

To advance the goals of the California Forest Carbon Plan on small parcels, the WC will work with forestland owners in developing harvest prescriptions or post-harvest activities that will leverage the benefits created by forest thinning as a result of timber harvest. The WC will also identify sources of forest health improvement funding for such efforts. Once the RCDTCs Fire Training and Fuel Treatments Permit Coordination Program for Western Tehama County has been fully implemented, it is anticipated that permitting for fire/fuels management and fire ecology projects will be expedited through a simplified environmental analysis and permit development process. During the life of the

Program, the WC will seek funding to develop similar permitting programs for other portions of the project area.

Collaborate with CalFire to implement Elements of the Tehama County Fire Plan.

(See Task 1, Task 2 and Task 4)

In 2017, the RCDTC prepared a complete revision of the Tehama East and Tehama West Community Wildfire Protection Plan (CWPP) and is currently preparing a CWPP for the communities of Mineral, Mill Creek and Childs Meadows which will be incorporated into the Countywide fire plan as an appendix. These planning documents are a major component of the RCDTC's work plan for the next 5 to 10 years and the projects described there will be among those developed by the RCDTC WC into formal work scopes and project funding application packages. Future discussion through Tehama-Glenn Fire Safe Council and Fire Scape Mendocino initiatives or directly with agency personnel and private forestland owners is expected to provide additional input as to additional issues and project needs on public and private lands.

Strategic Goal V: Partnerships

Objective B

Resource Management Leadership:

Insure the TCRCDD maintains a leadership role in the management of the County's natural resources by maintaining current knowledge of natural resource management principles, practices and effective partnerships.

(see Task 1, Task 2 ,Task 3, and task 4)

Through formal and informal trainings with TNC Fire Scape management, agency personnel, resource specialists and land managers, the WC will increase his knowledge and thus that of the RCDTC organization as to forest health, fire/fuels management and fire ecology issues that currently impact the four-county project area. The WC will also increase his knowledge regarding restoration, protection and improvement methods that have been proven to be efficient and cost effective as well as the availability of financial resources necessary to provide project dollars.

Objective C

Organization Relations:

Inform partners and potential partners of TCRCDD goals, priorities, programs, services and financing and resource needs and identify organizations likely to be of assistance in meeting resource conservation goals.

(see Task 1, Task 2, Task 2 and task 4)

A major component of the RCDTCs WC program is to improve collaborative relationships between the District and potential public/private partners in order to expedite the development and implementation of restoration, protection and improvement methods.

- **Direct benefits a watershed coordinator would provide to the watershed and what methods will be used to measure and evaluate the watershed coordinator's direct benefits to the watershed.**

Any existing watershed coordination efforts currently in place, gaps in coordination, and how the watershed coordinator will fill those gaps.

All the work to be completed in connection with the **Program** entails outreach and collaboration related to forest health, fire/fuels management and fire ecology restoration efforts within a four-county area. Project work also entails the development of project proposals, work scopes and budgets for future implementation efforts once funding has been secured. During the development of each future project, a determination will be made by the RCDTC as to what level of CEQA analysis will be required. It is anticipated that the RCDTC will take the role of CEQA Lead Agency on a number of future implementation efforts. The RCDTC has also determined that the overall **Program** is statutorily exempt under the CEQA regulations in that

“A project involving only feasibility or planning studies for possible future actions which the agency, board, or commission has not approved, adopted, or funded does not require the preparation of an EIR or Negative Declaration but does require consideration of environmental factors. This section does not apply to the adoption of a plan that will have a legally binding effect on later activities.”

As mentioned in CEQA guidelines related to Statutory Exemptions "...feasibility and planning studies are exempt from the requirements to prepare EIRs or Negative Declarations. These studies however must include consideration of environmental factors. This interpretation is consistent with the intent of the Legislature as reflected in Sections 21102 and 21150. The section also adds a necessary limitation on this exemption to show that if the adoption of a plan will have a legally binding effect on later activities, the adoption will be subject to CEQA. This clarification is necessary to avoid a conflict with Section 15378(a)(1) that the adoption of a local general plan is a project subject to CEQA.."

The following are direct benefits a forest health watershed coordinator will provide to the four-county project area.

- **Improved RCD of Tehama County Understanding of and Advocacy for Forest Health, Fire/Fuels Management and Fire Ecology Issues Currently Impacting the Four County Project Area.**

As a result of RCDTC efforts to expand membership of the Tehama-Glenn Fire Safe Council (TGFSC), reestablishment of the Manton Fire Safe Council and improved TGFSC coordination with the Shasta County Fire Safe Council, the RCDTC WC will be provided with increased information related to forest health and fire related issues facing the four county project area. The WC will also be provided with increased information on legislation and regulations that impact project work in addition to potential sources of federal/ State/local government and private dollars available for project implementation.

- **Increased Development of Project Work**

With this information, the DOC funded WC can focus labor hours in the development of proposals, work scopes and budgets to implemented both field projects and other efforts that improve current conditions.

Increasing the Array of Funding Sources Utilized by Local Entities to Implement Forest Health, Fire/Fuels Management and Fire Ecology Improvement Efforts Within the Four County Project Area

- In order to increase the pace and scale of forest health and wildfire conditions within the project area, increased project funding through a wider array sources will need to be developed and utilized by the RCDTC and other entities. DOC WC funding will allow the RCDTC WC the ability to meet with agency personnel in order to become aware of the range in potential funding sources available for project work. These DOC dollars would also allow the WC to collaborate with agency personnel in the development of future efforts appropriate for these sources of project funding. Over the past several years, RCDTC personnel have been in the process of developing funding

sources for project work already proposed by federal and State entities along with those of private land owners. The DOC Forest Health WC program will allow the continued development of these efforts which once implemented will provide significant benefits to the Forestlands within the project area. The WC will focus special attention to the development of USFS and/or BLM Stewardship Agreements which provide funding for forest watershed improvement projects as well as provide income through the sale of forest products generated at project sites that would be used to expand and improve such restoration efforts.

Increase the Pace and Scale of Forest Health, Fire/Fuels Management and Fire Ecology Conditions Through Improved Landscape Level Collaboration and Planning

- Through the WC's coordination and expansion of project area Fire Safe Councils and coordination of Fire Escape Mendocino efforts within the South Coast Range, stakeholder input and consensus used to identify project needs and develop proposals to solve current issues will be greatly increased. Participation in Fire Escape Mendocino efforts will also provide the WC with access to the expertise of TNC Fire Escape personnel who have considerable experience in the collaboration processes. This knowledge can then be utilized by the WC and conveyed by the RCDTC to other groups in order to improve its community based efforts.

Advancing the Priorities of Assembly Bill 2551

Related to increasing the pace and scale of fire and fuels managing efforts with the North State, Assembly Bill No. 2551 (Chapter 638) was approved by the Governor's Office in September 2018 and authorizes the State of California to enter into agreements with small nonindustrial landowners for State provided cost share related to prescribed fire treatments completed under a number of flexible requirements. The bill also allows Cal Fire to pay landowner cost share funds in advance of work if the applicant agrees to a number of terms. This bill focuses on the Shasta and Trinity Reservoirs, which are both within the project area along with the Oroville reservoir. The goal of approved treatments for which cost share funds are requested must relate to improvements in watershed management, range improvement, vegetation management, forest improvement, wildlife habitat improvement and air quality maintenance. In order to better utilize these changes in State funding of forest health and fire related improvements on small parcels, the WC will work with local Cal Fire Unit personnel to promote this funding opportunity through outreach with local landowners who are eligible and interested in participating. The WC will also provide information to local media regarding changes to current regulations.

Consistency with the recommendations of the Forest Carbon Plan (25 Points)

- I. **List the overall goal(s) that the watershed coordinator will focus on during the grant period. Goals are a statement of the long-term, broad vision for the watershed; they should exhibit significant benefits for the watershed and may take a while to achieve. For example, a goal may be: To improve forest health in the XYZ River watershed.**
 - a. **Describe how each goal relates to at least one recommendation or action outlined in the Forest Carbon Plan.**
 - b. **Identify and discuss the tasks that will be implemented to support each goal. Each goal must have one or more tasks. A task is a significant step that must be completed to achieve a goal. Tasks must focus on outcomes rather than the methods used. For example, a task related to the goal above may be: Conduct thinning and removal of dead and dying trees in XYZ Watershed. Tasks must be directly related to the required and eligible activities outlined in the Guidelines.**

- c. For each task, discuss the sub-tasks that will be completed. Describe why this approach was chosen to address issue(s) within the watershed. Describe the connection between sub-tasks and tasks and how they will contribute to the completion of each goal.
- d. Performance Measures: Explain the methods that will be used to measure the effectiveness of the watershed coordinator's efforts. Each task must include a performance measure. Performance measures are quantifiable standards that measure the success of a task and the task's direct benefit to the watershed. Performance measures are verified through data or information collection. Performance measures are generally reported as numbers, ratios, or counts. Performance measures go a step beyond reporting the completion of activities, the number of meetings held, or the number of attendees at an event. Effective performance measures should quantify the direct benefit to the watershed. For example, the number of acres treated or the percent type conversion avoided could be used to measure direct benefits to the watershed. A performance measure should not be a list of tasks completed.

The fundamental goals of the Tehama Shasta Glenn Colusa Forest Health Watershed Coordinator Program have been developed in a manner that will address various state, federal and local forest health goals of the California Forest Carbon Plan, those of the RCD of Tehama County, Western Shasta Resource Conservation District, Glenn County Resource Conservation District, Colusa County Resource Conservation District (which are to a large degree similar) along with State and federal land management, resource protection and environmental regulatory entities as described in an array of planning documents. RCDTC Goals for this effort include:

Goal 1: Expand past and current advocacy efforts related to forest health, fire/fuels management and fire ecology restoration efforts on public and private lands within Tehama, Shasta, Glenn and Colusa counties.

Goal 2: In cooperation with public and private partners, continue ongoing efforts to develop forest health, fire/fuels management and fire ecology implementation projects on public and private forestlands utilizing known funding mechanisms available to the four county project area

Goal 3 Identify currently unutilized sources of public and private funding in order to increase the pace and scale of forest health, fire/fuels management and fire ecology implementation projects within the four county project area.

Goal 4: Continue the development of work scopes and funding mechanisms that result in the implementation of projects that protect and improve high mountain meadows complexes throughout the four county project area.

Goal 5 Continue the identification of impediments that prevent the rapid increase in the pace and scale of project implementation related to forest health, fire/fuels management and fire ecology projects within the four county project area and develop solutions to such impediments.

California Forest Carbon Plan (CFCP)

3.1.1 Improve Health and Resilience on Private and State/Local Public Forestland

3.1.2 Improve Health and Resilience on Federal Forestlands

The efforts to be completed in connection with the RCD of Tehama County's proposed Forest Health Watershed Coordinator program will address goals 3.1.1 and 3.1.2 of the California Forest Carbon Plan along with Goals 1 through 5 of the **Program** project. The collaboration efforts included within this project's scope of work address CFCP implementation priorities 4.1 Responsibility, 4.2 Regional Prioritization and Implementation and 4.2.1

Working Collaboratively at the Regional Landscape Scale. They also address CFCP identified opportunities for increasing the pace and scale of project work development and implementation as described in 4.3.1 Identify and Utilize Funding Opportunities and Other Resources. The RCDTC's planned implementation of its recently completed Fire Training and Fuel Treatments Permit Coordination Program for Western Tehama County and proposed development of similar programmatic environmental analysis and permitting program within other portions of the four county project area will advance the intent of CFCP section 4.3.2 Working within Environmental Regulatory Frameworks and 4.3.4 Assist Small Landholders with Land Management.

The RCDTC intends to continue its current efforts to advocate for forest health projects on public and private lands particularly those related to fuel treatments (mechanical reduction and prescribed fire), fire management infrastructure such as roadside fuel treatments and cross county fuel breaks along with forest stand thinnings. The intent of proposed project work and efforts to simplify regulatory processes is to expedite the implementation of project work that leads to improved wildlife habitat, protection of water resources, improved resilience of forestlands and where appropriate, the production of forest products. To accomplish this, the RCDTC WC will continue current outreach to public and private stakeholders in order to determine resource protection needs and possible strategies that address these largely through the development of project work, necessary project financing or project initiatives that result in a reduction to the complexity and cost of environmental analysis and permitting. Importantly, the RCDTC will prioritize whenever appropriate, implementation efforts that connect with and leverage project work that has been completed on public or private land.

To advance project development efforts, the RCDTC will utilize DOC dollars to fund a portion of its watershed coordinator's hours to coordinate the activities of the Tehama-Glenn Fire Safe Council whose members represent federal, State, local and private land managers. Through regular meetings, Council members exchange information related to fire regulations, sources of public and private implementation dollars along with discussions regarding completed, in process and proposed fire/fuels management and fire ecology projects. The Watershed Coordinator will develop suggested project ideas into work scopes, identify applicable funding sources and package proposals into funding applications. Implementation of project work would be completed by one of the partnering RCD's or another organization. In addition, the RCDTC watershed coordinator will work with Colusa County RCD personnel to expand membership of the TGFSC with stakeholders located in that area. The RCDTC WC will also assist Western Shasta Resource Conservation District (WSRCD) personnel in reorganizing and expanding the membership of the Western Shasta Fire Safe Councils membership base.

Other efforts of the WC related to increasing the pace and scale of forest health, fire/fuels management and fire ecology restoration include:

Providing information regarding public and private sources of forest improvement, fire/fuel management and fire ecology restoration dollars available to small forestland owner such as those of provided by Cal Fire, the USDA's Natural Resource Conservation Service and American Forests among others. As requested, the WC will provide assistance with application preparation.

Related to the CFCB goal of improving health and resilience on federal Forestlands the RCDTC WC will utilize DOC Watershed Coordinator Funding to meet with National Forest Managers throughout the four county area to promote increased utilization of USFS Wyden Amendment, Good Neighbor Authority and Stewardship Agreements during the development of forest health projects. These advocacy and project development efforts will continue those conducted by the RCDTC over the past 10 years. During this period of time the RCDTC has

completed more than \$500,000 in Wyden Amendment related project work that has resulted in the implementation of more than 30 miles of fuel breaks along with other fuel treatments that now protect both public and private land within eastern Tehama County. In order to reduce project implementation impediments related to environmental analysis and permitting requirements, the RCDTC WC will utilize DOC dollars to secure funding for the full implementation of its Fire Training and Fuel Treatments Permit Coordination Program for Western Tehama County and to develop similar programmatic permitting programs within the four county project area.

3.1.3 Restore Ecosystem Health of Wildfire-and Pest-Impacted Areas through Reforestation

Within both public and private lands of the four county project area, fire and pest infestations have reduced the acreage of viable resilient forestlands. The RCDTC recently developed in cooperation with the Mendocino National Forest and Fire Scape Mendocino work group a \$5.3 million dollar grant application to the California Department of Forestry and Fire Protection's California Climate Investments (CCI) - Forest Health Grant Program in order to complete an array of forest health and fuels management projects on more than 3,000 acres of Mendocino National Forest and private timberlands. Lands within the proposed project area have been impacted by both mortality and infestation by insects and other pests. With DOC dollars made available to the RCDTC, the WC will continue working with federal, State and private landowners in order to identify additional areas impacted by wildfire and pests.

Based upon post fire analysis conducted by the USFS, along with other federal and State agencies, a significant portion of Mendocino National Forest lands within Glenn County and Colusa County were significantly impacted by the Mendocino Complex Fire of 2018. MNF lands within Tehama County were similarly impacted by the 2008 Whiskey Fire. A significant area of forest land managed by the Shasta-Trinity National Forest along with those found within the Whiskeytown National Recreation Area under National Park Service management were damaged by the 2018 Carr Fire. Given the size and impact these large fires had on north state forest resources, the RCDTC WC will work with Mendocino National Forest, Shasta-Trinity National Forest and Park Service personnel to develop specific work scopes that can be incorporated into an array of public and private funding applications that address issue related wildfire impacts. The WC will also continue canvassing public and private land managers (primarily the Lassen, Shasta- Trinity and Mendocino National Forests, Bureau of Land Management, Sierra Pacific Industries, Crane Mills and Collins Pine Company for information related to sites of significant pest impacts. Once such sites are known, the WC will work with land managers to develop treatment prescriptions. Various subtasks developed for Tasks 1 through 4 of this project will be use to address this issue of the California Forest Carbon Plan.

3.1.4 Maximizing Forest Health Goals in Sustainable Commercial Timber Harvesting Operations

The WC will work with small forest land owners in identifying sources of forest health improvement funding that can be used to leverage the benefits created by forest thinnings as result of timber harvest and thus address goals 1, and 4 of this project. It is anticipated that full implementation of the RCDTC's Fire Training and Fuel Treatments Permit Coordination Program for Western Tehama County and future development of similar regulatory processes within other portions of the four county project area will assist small landowners wishing to advance forest health through timber harvest by reducing regulatory adherence burden and cost.

3.1.5 Restore Mountain Meadow Habitat

The RCDTC is currently working with Collins Pine Company on a meadow restoration project that entails the improvement of hydrology, soils and vegetation conditions within the Childs Meadows complex. These

improvements will be achieved through thinning of overstocked conifer forestlands adjacent to the meadow, treatment of aspen stands that have been invaded by conifers and the development of a roadside fuel break along State Route 36E. The RCDTC is also in the process of identifying funding sources to improve meadow conditions within the Deer Creek Meadows complex south of the Childs Meadows area. Proposed project work has been developed in cooperation between Collins Pine Company forestry personnel and RCDTC watershed staff. This effort entails the removal of an abandoned logging road, reestablishment of hydrologic conditions and removal of an abandoned bridge structure that poses a risk to Deer Creek water quality related to bank erosion and leaching of construction chemicals. The RCDTC WC would continue with the process of developing sources of project dollars by identifying an array of funding sources and preparing funding proposal. Both meadow complexes are connected to the Deer Creek watershed system which is considered significant habitat for a number of listed anadromous species. In addition to addressing goal 3.1.5 of the California Carbon plan, these efforts also apply to Goal 3 of the **Program**.

3.4 Create Capacity for Collaborative Planning and Implementation at the Landscape or Watershed Level

While there are some recent mechanisms that facilitate collaborative planning and implementation of forest restoration work at the landscape or large watershed scale (e.g., Good Neighbor Authority, Collaborative Forest Landscape Restoration Program, Stewardship Contracting Authority, Watershed Improvement Program), as the Western Governors Association recently noted:

...there is little to no formal incentive for the management agencies and collaboratives to ensure collaboration work happens in a timely and efficient manner that achieves a pace and scale of restoration that matches the ecological, social, or economic needs of public and private forestlands and communities...

To support collaborative planning and implementation of forest restoration work, the CFCP recommends that State and Federal agencies:

- **Encourage and support staff participation in collaborative efforts.**

In order to improve the capacity for local entities to increase the pace and scale of project development and implementation, the WC will act as coordinator of the Tehama-Glenn Fire Safe Council, expand its membership to increase the number of partnering government entities including those non-fire agencies whose personnel can provide guidance and suggestions related to environmental analysis during early stages of project development. Such early input is expected to reduce delays in implementation related to unidentified environmental and regulatory issues. The WC will identify unrepresented community groups and invite their participation in the TGFSC. The WC will develop additional public and private entity membership from organizations and individuals within Glenn County and Colusa County and will assist the WSRCD in maintaining and expanding membership and activities of the Shasta County Fire Safe Council. Over the past 10 years, the RCDTC has worked closely with the community-based Manton Fire Safe Council. Due to its loss of a coordinator, the group has been inactive for more than a year. As coordinator of the Tehama-Glenn Fire Safe Council, the WC will coordinate the activities of that organization under the umbrella of the TGFSC

- **Provide training on methods for successful collaboration.**

Given the level of collaboration expertise held by The Nature Conservancy's Fire Scape Mendocino coordinator, it is anticipated that the RCDTC's WC will increase his ability to successfully develop collaboration among forestland stakeholders within the four-county project area.

- **Provide staff or fund contractors to provide facilitation services, collect and analyze data, perform environmental review, and provide other support to collaborative efforts.**

Once trained by the Fire Scape Mendocino coordinator, the WC will develop and implement facilitation services to other organizations involved with forest health and fire issues throughout the four county project area. The WC will also promote the RCDTC's environmental analysis and permitting services program and the ability of the RCDTC to take the role of CEQA Lead Agency for various types of project work. A number of federal entities have noted that agency inability to rapidly develop NEPA environmental analysis documents is a major hindrance to increasing the pace and scale project implementation. To alleviate this condition, the WC will work with the RCDTC environmental analysis program manager to promote the use of this RCD program in the development of necessary NEPA documents with federal project partners.

- **Make State funds available to support projects on Federal lands that contribute to State goals and local communities.**

Working with the California Association of Resource Conservation District personnel in Sacramento, the WC will promote the increased use of State funds on federal lands that will address State and local community goals.

- **Seek support from nongovernmental organizations or other appropriate private sector entities.**

The WC will work with local staff from The Nature Conservancy and local land trusts in order to expand collaboration between those organization and the four RCDs participating in the **Program**.

- **Expand the use of State and local Conservation Corps, veterans crews, or Conservation Camp inmate crews to implement projects on the ground.**

The RCDTC will continue to incorporate the use of State and local Conservation Corps, veterans crews, or Conservation Camp inmate crews during the implementation of project work.

- **Work to strengthen the social and financial connections between downstream water users and forested source watersheds, through mechanisms such as AB 2480 (Bloom) of 2016158 and the California Water Action Plan.**

The WC will work with the other RCD's involved with the **Program** and other entities as identified by the RCDTC District Manager and RCD Staff that will strengthen the social and financial connections between downstream water users and forested source watersheds.

- **Work to conduct permitting programs and environmental review processes efficiently, while ensuring that the related environmental protection standards are achieved.**

The WC will seek funding necessary for the RCDTC to fully develop and implement its recently developed Fire Training and Fuel Treatments Permit Coordination Program for Western Tehama County. The WC will also seek funding to develop similar programmatic environmental and permitting processes for other forested areas within the four county project area. The WC will work with State, federal and private landowners along with other area stakeholders in order to identify opportunities for decreasing the cost of environmental analysis/permitting and increasing the pace and scale of project implementation related to forest health, fire/fuels manage and fire ecology projects throughout the four-county area.

3.6 Work to Address Research Needs

The emphases of the Tehama Shasta Glenn Colusa Forest Health Watershed Coordinator Program are the development and implementation of forest health, fire/fuels management, and fire ecology projects. Any data

developed during implementation of project work will be made available to appropriate research efforts as permitted by the California Department of Conservation.

Performance Measures

In order to determine success in meeting the goals established for the **Tehama Shasta Glenn Colusa Forest Health Watershed Coordinator Program** along with those of the California Forest Carbon Plan, a number of performance measures have been established for the initiatives and described in detail within this project's **Work Plan**. These measures are included within the following general categories:

Forest Health Projects Fire/Fuels Management and Fire Ecology Projects

Performance in developing project work will be based upon both the number of project applications developed and more importantly those accepted for funding. In addition, individual project applications developed by the RCDTC WC in cooperation with landowners, regulatory agency staff, landowners and other resource specialists will contain quantifiable treatment prescriptions along with environmental goals to be achieved through project work. Long term monitoring of completed project work will be conducted by the RCDTC and applicable agency personnel as required by project funders. In terms of cost efficiency, project proposals will be analyzed during development in terms of cost per acre of treatments.

Development of Collaborative Efforts

Performance measures for collaboration initiatives will be to a large degree quantifiable in terms of the number of individual efforts completed as well as organizations and other stakeholders involved or impacted by these efforts. More significant assessment of success for these efforts will be more qualitative but ultimately based upon the amount of change occurring to forest health, fire/fuels management and fire ecology conditions within the four county project area once the **Program** is completed. The use of both quantitative and qualitative measures will be utilized as applicable.

Collaboration (25 Points)

1. Glenn County RCD (GCRCD)- Glenn County is located in the heart of the Sacramento Valley and is primarily an agricultural community. The South Coast Range is on the westside of the County with the Sacramento River to the east. The GCRCD engages farmers, ranchers along with public and private forestland managers in protecting resources through a combination of project implementation efforts and educational programs. The RCDTC and GCRCD have collaborated on a number of efforts to address natural resource concerns that impact both Glenn and Tehama County and continue to pursue additional opportunities to improve current forest health, fire/fuels management and fire ecology conditions on a landscape basis. The two RCDs collaborated on development of the Western Glenn County Community Wildfire Protection Plan. Out of those planning efforts, the GCRCD was able to obtain California Fire Safe Council dollars to develop several fuel breaks within Glenn County's westside area with the RCDTC's Vegetation Management Program operation contracted to implement vegetation treatments. At the present time, as active members of the Fire Scape Mendocino group, both RCDs are collaborating with the Mendocino National Forest on a number of fuel treatments that would connect with and expand into Glenn County, the RCDTC's proposed Four Beetles project to be developed at the southwest corner of Tehama County. In the fall 2018, the Tehama, Glenn, Colusa and Western Shasta RCD's, signed a Memorandum of Understanding (MOU) to expand and formalize their existing relationships. This MOU formalizes the process through which the RCDs will pursue and execute projects that lie within each other's jurisdictional boundaries. During the anticipated project period, GCRCD staff will

offer 40 hours of personnel time at a rate of \$88.24 per hour to help the RCDTC's Watershed Coordinator in pursuing projects within the GCRCD boundaries, equivalent to \$3,529.60 in cash match.

2. Colusa County Resource Conservation District (CCRCD)-, Western Colusa County contains a number of streams that flow out of its forestlands including a fork of Elk Creek, Salt Creek, Stony Creek and Bear Creek. These forestlands constitute the County's western boundary with the Sacramento River forming its eastern boundary.

The mission of the CCRCD is to protect, conserve and restore natural resources through locally led education and implementation activities that support a healthy environment and provide economic sustainability through wise land use.

For many years, the Colusa County RCD and the RCD of Tehama County have jointly pursued funding for fuels management projects and others watershed restoration efforts that advance forest health and fire related issue within the South Coast Range. In order to better focus these efforts, the CCRCD is developing a Community Wildfire Protection Plan for forestland and other wildland areas of Colusa County.

As signatory to the four RCDTC Memorandum of Understanding the CCRCD is poised to increase its cooperation with the RCDTC and the other MOU participants in implementing the goals of the Tehama Shasta Glenn Colusa Forest Health Watershed Coordinator Program. During this program's period of performance, Colusa County RCD staff would provide 500 labor hours at a rate of \$35.23 per hour to the RCDTC Watershed Coordinator program. CCRCD efforts would focus on staff developing its CWPP along with project proposals for work to be completed within the CCRCD boundaries. The dollar value of these contributions would be \$17,615

3. Western Shasta Resource Conservation District (WSRCD)- Portions of the Cascade and South Coast Ranges lie within Shasta County. The Western Shasta RCD's mission is to collaborate with willing landowners, government agencies and other organizations to facilitate the conservation and restoration of Shasta County's natural resources. Over the past 15 years, WSRCD and RCDTC have collaborated on the development of project proposals and funding applications related to fuels management projects and others restoration efforts that would positively impact watersheds on landscape bases within both Shasta and Tehama County. In addition to development of the **Tehama Shasta Glenn Colusa Forest Health Watershed Coordinator Program**, the WSRCD is currently utilizing RCDTC personnel to assist with contracting, environmental permitting, and implementation of restoration work necessary as a result of the Carr Fire. WSRCD staff would provide 40 labor hours at a rate of \$75.00 per hour to the RCDTC's Watershed Coordinator to pursue projects within the WSRCD boundaries as a cash match for the DOC Watershed Coordinator Grant. The total dollar value of these contributions will be \$3,000.

4. Tehama-Glenn Firesafe Council- Over the past 15 years, the RCDTC has provided a coordinator to the Tehama-Glenn Fire Safe Council. The membership of this collaborative group includes the Glenn, Colusa and Western Shasta RCD's; Cal Fire, California Department of Fish and Wildlife, Central Valley Regional Water Quality Control Board, the United States Forest Service, Bureau of Land Management, National Park Service, US Fish and Wildlife Service, Tehama County Public Works Department, Tehama County Air Pollution Control District, Tehama County Board of Supervisors, The Nature Conservancy, commercial timberland owners, individuals owning small forest parcels, area watershed conservancies, property owners associations and individual community leaders. Information and input provided through this partnership

allowed the RCDTC to prepare the Eastern and Western Tehama County Community Wild Fire Protection Plan (CWPP.) and the soon to be completed Mineral/Mill Creek/Childs Meadows CWPP documents. These fire plans represent a five to ten-year work plan for the RCDTC and other participating entities who use these documents when developing project funding sources. In addition to constantly updating the documents, Glenn County RCD has received Cal Fire funding to update their CWPP plan, in which RCDTC will be collaborating and assisting with writing the new plan. The DOC watershed coordinator funding will allow the RCDTC to continue coordinating the Tehama-Glenn Fire Safe Council coordinator position. In-kind match will come from the members of the group that continue to meet and provide technical feedback to project design and layout.

5. California Fish and Wildlife (CDFW)- CDFW has been an important partner of the RCDTC's forest health and fire related efforts through years of contribution to project development and providing technical expertise to these efforts particularly with regard to project related environmental analysis. Currently, the RCDTC and CDFW are working collaboratively in the development of project work scopes and funding proposals related to two bridge removal projects over Gurnsey Creek and Upper Deer Creek Meadows. Both Gurnsey Creek and the Deer Creek Meadow complex are within the upper watershed of Deer Creek an important North State anadromous streams. CDFW's project coordinator will provide match for the DOC Watershed Coordinator program in the form of technical review related to grant applications prepared by the RCDTC.

6. Collins Almanor Forest (CAF)- The 94,000-acre Forest Stewardship Council certified Collins Almanor Forest is managed on an uneven-age, sustained yield basis. RCDTC and CAF have recently initiated collaborating on two Sierra Nevada Conservancy (SNC) grants within CAF managed property. One grant is for the development of a Timber Harvest Plan (THP) for Childs Meadow, a sensitive high meadow complex that is headwater to Gurney Creek. This THP will address lodge pole pines that are encroaching in the meadow and develop Great Gray Owl Habitat. The second project is a forest health project in which RCDTC and CAF will mechanically thin 22 miles of mixed conifer forest in order to protect two anadromous streams and provide defensible space for firefighting efforts. In addition, CAF and RCDTC are currently seeking funds to remove abandoned bridges over Gurnsey Creek and Upper Deer Creek as well as remove an abandoned road within the Deer Creek Meadows complex. DOC funding will allow the RCDTC to continue these collaborative efforts to develop project funding. CAF has agreed to provide project match in the form of continued biological and forestry expertise to the RCDTC related to grant writing and survey work.

7. Lassen Volcanic National Park (LVNP)- LVNP, portions of which are in both Tehama and Shasta counties, is experiencing a high rate of tree mortality. Trees within the park's campgrounds are of special concern given the high volume of park visitors. LVNP and the RCDTC are currently collaborating on a number of hazard tree removal efforts and other vegetation treatments throughout Park lands. A portion of this work was completed in the fall of 2018 with future efforts to continue during the summer and fall of 2019. LVNP match contributions include staff time to provide technical expertise related to fuel treatments on Park lands, input into project proposals developed within and adjacent to LVNP lands as well as NEPA related issues.

8. Crane Mills- This large timberland owner manages forestlands within western Tehama County and Glenn County that are interspersed with Mendocino National Forest managed lands. During development of the Tehama West fire Plan, Tehama West Watershed Assessment and the Tehama West Watershed Management Plan, Crane Mills forestry personnel assisted in these planning processes through participation the RCDTC's technical advisory committee. The development of these documents was important as Crane Mills owns and manages timberlands in the Upper Elder-Thomas and Sacramento-Lower Thornes HUC's which include the headwaters of Red Bank Creek, North Fork of Elder Creek, South Fork of Elder Creek and Thornes Creek.

In addition, the RCDTC also obtained a Secure Rural Schools and Community Self-Determination Act Grant to create a fuel break in the Patton Mills area on Crane Mills property and continues to establish additional vegetation treatment areas on a combination of Crane Mills and Mendocino National Forest lands. The Patton Mills Fuel Break complements treatments on both public and private lands as well as improves egress and ingress by fire service personnel and equipment. This project also created defensible space from which USFS and Crane Mills personnel can fight wild fire and conduct future prescribed burns. Recently the RCDTC collaborated with Crane Mills, the Mendocino National Forest and Fire Scape Mendocino working group in the development of a Cal Fire grant with the intent of treating more than 3,000 acres of public and private forestland through an array of actions including forest thinning, mastication, bio massing and understory burning. Crane Mills will continue to provide match in the form of technical advice to the RCDTC, Tehama-Glenn Firesafe Council and Fire Scape Mendocino.

9. Central Valley Regional Water Quality Control (SWRCB)- RCDTC has collaborated with SWRCB and other watershed stakeholders on a range of projects related to road sediment currently being generated along Ponderosa Way and other wildland routes within the forestlands of eastern Tehama County. As a result of these outreach and collaboration efforts, the RCDTC is now in the process of preparing an action plan for road improvements along the entire Ponderosa Way right-of-way. Once the plan is completed, RCDTC personnel will implement several of the recommended actions found in the that plan and will seek funding for the others. The RCDTC and CAF invited Central Valley Regional Water Quality Control Board staff to view several abandoned bridges located in eastern Tehama County. Based upon this inspection, SWRCB personnel are of the opinion that both projects would be suitable candidates for Water Board Timber Fund dollars. Match to be provided by SWRCB personnel include water quality, erosion control and soils expertise related to RCDTC grant writing and project implementation efforts.

10. California Department of Forestry and Fire Protection (Cal Fire)- Throughout the years, Cal Fire's Tehama-Glenn Unit have worked with the Resource Conservation District of Tehama County (RCDTC) in promoting and implementing fire and fuels management projects through collaborative development of project ideas, providing technical expertise and funding for project implementation as well as their participation in the Tehama-Glenn Fire Safe Council. Over the past three years, Cal Fire personnel worked with the RCDTC to provide data that was incorporated into the updated Tehama West and East Community Wildfire Protection Plans. Cal fire interagency planning efforts have continued over the years as projects from the CWPP's are completed. Additionally, Cal Fire is a member of the Firescape Mendocino Collaborative Working and assisted with the development of the Firescape Mendocino Forest Health Project that was submitted to Cal Fire and is now under review for funding.

11. Sierra Pacific Industries (SPI)- SPI is based in Anderson, California.

For years the RCDTC and SPI have worked together to address forest health needs in the Sierra Cascades. Recently, SPI, RCDTC, and CAF collaborated on a mechanical and hand thinning project along 22 miles of forest roads within mixed conifer stands in order to protect two anadromous streams and provide defensible space for firefighting efforts.

12. Mendocino National Forest (MNF)- Over the past 20 years, the MNF has collaborated, extensively with the Resource Conservation District of Tehama County on a large number of projects within and adjacent to National Forest lands. In addition, the RCDTC and MNF are both members of the FireScape Mendocino Working Group which collaborates with many agencies and private landowners to address concerns and develop potential projects on public and private lands in and near the Mendocino National Forest. These projects generally entail forest health, public safety, fire/fuels management and fire ecology related efforts. Most recently, the two organizations prepared a \$5.3 million-dollar grant application to the California Department of Forestry and Fire Protection's California Climate Investments Cal Fire's Forest Health Grant Program in order to complete forest health and fuels management projects on more than 3,000 acres of MNF managed

lands. RCDTC has limited funding for project development and coordination efforts. Consequently, dollars provided through the **Program** would expand the RCDTC's ability to develop interagency efforts with the MNF.

13. United States Fish and Wildlife Service (USFWS)- Over the past 20 years, USFWS staff have provided input and technical review of various watershed maintenance and protection efforts of the RCDTC as well as guidance related to the NEPA process. Similar assistance will be provided as match to the RCDTC WC efforts .

14. Bureau of Land Management (BLM)- The RCDTC has not collaborated much with BLM. BLM manages extensive lands within targeted watersheds. With DOC watershed funding, RCDTC will develop contacts and projects that are important to the BLM

ii. **Describe any existing or planned collaborations with other organizations operating in the watershed. What efforts are currently under way to encourage cooperation between organizations?**

- Over the past year, the RCD of Tehama County has had numerous discussions with the Watershed Research and Training Center in Hayfork, California and The Nature Conservancy's Fire Learning Network personnel related to the development of Fire Training Network exercises in western Tehama County. These prescribed fire trainings would not only provide live fire use exercises to both new and experienced personnel, they would result in the execution of fuel treatments within sensitive low elevation conifer forests and adjacent or interspersed chaparral stands within the east and westsides of the four county project area.
- The RCDTC is developing in cooperation with Watershed Center management, the WSRCD and other State/federal entities a landscape scale fuels project that would extend the RCDTC's 70 mile network of fuel treatments now completed within Tehama County, 25 miles north to where they would connect with the existing fire/fuels management project network being implemented by the US Park Service within the Whiskeytown National Recreation Area. The RCDTC is cooperating with Lassen Volcanic National Park personnel in the design and current implementation of vegetation and fuels management efforts within developed sites throughout National Park lands using an interagency agreement.
- RCDTC personnel continues its participation with the South Lassen Watershed Group whose initiatives are being coordinated by the Sierra Institute of Taylorsville California. Through participation in the Group's stakeholder meetings along with direct discussions with Sierra Institute personnel, the RCDTC is gaining additional insight into the health of forest stands located within that portion of eastern Tehama County within the watershed of North Fork Feather River. The ultimate goal of this collaborative effort is to better leverage each entity's knowledge, funding and project implementation efforts in order to maximize impacts to the eastside area's forest and meadow health along with the area's water quality.
- Over the past three years, RCDTC personnel have been discussing forest health and road issues within the Beegum Creek watershed with Shasta-Trinity National Forest personnel located on the Trinity River Management Unit. This major tributary to Cottonwood Creek's Middle Fork is considered significant habitat for a number of listed anadromous species found within the Sacramento River system. The goal of these discussions is to develop a final list of shovel ready erosion control and other watershed improvement projects for which the RCDTC could prepare State and non-profit funding applications.

- RCDTC Vegetation Management Program personnel have begun coordinating with Bureau of Land Management personnel in connection with fuels management work that agency is completing at the Butte/Tehama County line. The goal of these coordination efforts is to connect several large fuel treatment projects currently being implemented by the RCDTC in southeastern Tehama County with federal fuels projects completed further to the south.
- RCDTC watershed and project management staff continue to work with Collins Pine Company, Sierra Pacific Industries and Crane Mills forestry personnel in the identification of ridgetop locations and other areas that could be utilized as sites for large fuel break development efforts that would protect public and private forestlands on a landscape basis. Recently this collaboration resulted in a now in process, 20 mile long ridgetop fuel break located adjacent to State Route 32E within Tehama County and Butte County. Project funding was secured and project managed is being provided by the RCDTC. The project area is located within a combination of Collins Pine Company and Sierra Pacific Industries managed forestlands.
- The RCDTC developed in cooperation with Collins Pine Company forestry staff and is currently implementing a meadow and forest health improvement project within and around the Childs Meadows Complex located within eastern Tehama County
- RCDTC project management personnel will begin implementation of roadside fuel treatments on USFS and Crane Mills forestlands within western Tehama County which once completed during the fall of 2019, will connect with the large USFS Four Beetles Project for which the RCDTC recently developed a funding proposal submitted to Cal Fire.

Consistency with additional planning efforts (15 Points)

- III. **Describe how the proposal will complement other planning efforts in the watershed. How does the proposal support published watershed goals identified by the State or other entities?**

A primary responsibility of the RCDTC WC will be to developed funding and specific scopes of work to implement the array of proposed projects described in the Tehama East/Tehama West, Mineral/Mill Creek/Childs Meadows, Glenn County Community Wildfire Protection Plans along with the array of CWPP documents prepared for Shasta County. In addition, the **Program** will address the following goals and objectives found within the RCD of Tehama County prepared climate resiliency plan entitled "Preliminary Resiliency Framework Forest and Water Resources A Sound Investment for Tehama County".

Goal II. Conserve, enhance and restore functional forest, oak woodland, rangeland, and riparian ecosystems to safeguard economic viability through ecosystem services optimization: water quality, quantity, and storage, as well as habitat and recreational opportunities.

Objective A. Establish a coordinated forest management body comprised of public and private stakeholders to provide education, incentives, and a platform to align management practices for community benefit.

During implementation of the **Program**, the RCD WC as coordinator of the Tehama-Glenn Fire Safe Council, will expand the membership of that organization to include stakeholders located in Colusa County. The WC will also assist the WSRCD in expanding and increasing that organization's presence throughout Shasta County. Similarly, the DOC WC will reestablish the goals and membership of the Manton Fire Safe Council.

Goal III. Reduce the risk of catastrophic wildfire to safeguard human life, infrastructure, industry, habitat, and ecosystem services in Tehama County

Objective A. Implement community planning and protection efforts

The RCDTC will in cooperation with the Tehama-Glenn Fire Safe Council, identify communities located in forested areas of the four-county project area that are interested in developing area specific Community Wildfire Protection Plans. Through these planning processes as well as discussions and field inspections with agency personnel, landowner groups and individual landowners, the WC will develop project descriptions for future implementation efforts. These CWPP documents will then be submitted to appropriate County Boards of Supervisors and Cal Fire for review and approval.

Objective B. Develop a forest stewardship program to educate private landowners on fire-wise landscape management

The WC will in cooperation with Cal Fire Fire Prevention personnel, the US Forest Service, Bureau of Land Management, the Tehama- Glenn Fire Safe Council and cooperating RCDs develop a program of forestland owner education materials related to forest health and the impact of wildfire on forest resources.

Lassen National Forest /Shasta Trinity National Forest/Mendocino National Forest/BLM Area Management Plans and Fire Plans

Many of the efforts proposed for the **Program** relate to the development of collaborative forest health, fire/fuels management and fire ecology improvement initiatives described in general within Forest Service and BLM resource and fire management plans. Of particular importance will be efforts that address the protection of Late Successional Reserves, USFS Research Natural Reserves and specific sites located on south facing slopes or facing drought related impacts such as insect or other infestations and overstocking

Co-benefits (10 Points)

- IV. **Provide a qualitative description of the co-benefits anticipated to result from successful completion of the proposed tasks, as well as any quantitative information to support your claims (e.g., support biodiversity, promote a clean water supply, support local economies, provide recreational and educational opportunities, protect spiritual and cultural resources.**
- **Expanded community awareness of forest health, fire and fire ecology conditions within Tehama, Shasta, Glenn and Colusa Counties**

A significant component of the **Program** entails increasing outreach to watershed stakeholders of forest lands throughout a four-county area of the North State. Included in these efforts will be educational material prepared by the WC for distribution to local media. With this disbursement of information and news related to the progress of project implementation work, it is anticipated that those residents with little direct connection with these issues will be made aware of current conditions and more interested in environmental issues in general.

- **Improvement and Protection of Forest Environmental Services, Communities and Recreational Resources**

It is anticipated that the forest health efforts (thinning overly dense conifer stands and protection of mountain meadow complexes), fire/fuels management projects (installation of fuel breaks and other fire control infrastructure, prescribed burns to reduce fuel volumes) and fire ecology efforts (prescribed fire use to reestablish natural fire regimens and vegetation composition) will result in the protection of water quality and increased stream flows. These efforts are also expected to improve forest stand age classes, forest structure and species composition in addition to reducing current and threatened future levels of pest infestation particularly among pine and fir species. They are also expected to improve riparian and aquatic habitat composition and structure as well as hydrologic function and wildlife within upland areas and mountain meadow complexes. The actions and project work to be developed in connection with this project will also improve and increase the protection and safety of wildland communities and other developed sites along with a range of recreational opportunities.

- **Decrease the Cost and Complexity of Implementing Forest Health and Fire Related Projects Through Simplified Environmental Analysis and Permitting Processes**

The RCDTC's Fire Training and Fuel Treatments Permit Coordination Program for Western Tehama County is an attempt by the RCDTC to simplify, expedite and reduce the cost of environmental analysis for a range of fire and fuels management efforts within that portion of the project area located in Western Tehama County. Once fully implemented, this permitting program is expected to increase the pace and scale of project implementation. Based upon the success of this program, such permitting simplification efforts will be expanded to other forestlands within the project area.

Long-term success (5 Points)

- V. **Describe any methods or plans to sustain the watershed coordinator position and build upon the accomplishments of the work plan beyond the life of the grant. Include an explanation of how the organization will attempt to maintain funding for the watershed coordinator position after the grant term.**

As a result of the outreach and coordination efforts of the WC, it is anticipated that a significant number of public and private grant funded projects will be completed in connection with the **Program**. In addition, the WC and other RCDTC personnel will actively pursue fee-for-service contracts to complete work on both public and private forestlands. The implementation of grant funded and fee-for-service assignments will generate overhead dollars that will be used for watershed coordination efforts once the DOC Forest Health WC program has been completed. It is also anticipated that the individuals involved with the RCDTC's 2018 Forest Health WC program will continue to be involved in the development and implementation of the projects, programs and initiatives established during this project's period of performance.

4. Work Plan

TASK 1 Continue Current Advocacy for Forest Health Fire/Fuels Management and Fire Ecology Restoration Projects on Private, Local, State and Federal Lands	Timeline [Start and End Date]	Total Requested Grant Funds
<p>Subtask A: Conduct Tehama-Glenn Fire Safe Council (TGFSC) meetings and advance advocacy initiatives developed by members representing private, local, State and federal stakeholders.</p> <p>Subtask B: Develop project proposals, work scopes and budgets for project recommendations promoted by TGFSC members to be packaged into agency or public entity funding applications. Implementation of project work would be through the RCDTC or other entities.</p> <p>Subtask C: Expand TGFSC membership to include an array of public and private stakeholders in Colusa County.</p> <p>Subtask D: Assist the Manton Fire Safe Council (MFSC) and Shasta County Fire Safe Council (SCFSC) in reestablishing their organizations and expanding membership base.</p> <p>Subtask E: Provide Information to watershed stakeholders regarding public and private sources of forest health improvement, fire/fuels management and fire ecology restoration funding to small forestland owners.</p> <p>Subtask F: Assist Glenn and Colusa County RCDs with development of their Community Wildfire Protection Plans (CWPP).</p> <p>Subtask G: Meet with appropriate USFS personnel at Ranger District, Forest Supervisor Office and Region 5 Office levels as necessary in order to promote the increase in of Wyden Amendment, Good Neighbor Authority and Stewardship Agreements in connection with USFS forest health, fire/fuels management and fire ecology projects. The WC will also discuss other USFS funding mechanisms available to finance collaborative projects on National Forest and adjacent private lands. The WC will identify and participate in trainings related to USFS funding programs. Similar efforts will be implemented by the RCDTC WC related to funding of project work on or adjacent to Bureau of Land Management (BLM) and National Park Service (NPS) lands.</p> <p>Subtask H: Work with small forestland owners in developing harvest prescriptions or post-harvest activities that will leverage the benefits created by forest thinning as a result of timber harvest. The WC will also identify sources of forest health improvement funding for such efforts</p>	<p>4/1/19 - 3/30/21</p> <p>6/1/19 - 3/30/21</p> <p>4/1/19 - 6/30/19</p> <p>4/1/19 - 3/30/21</p> <p>4/1/20 - 3/30/21</p> <p>4/1/19 - 3/30/20</p> <p>10/1/19 - 3/30/21</p> <p>4/1/20 - 3/30/21</p>	<p>\$91,256.46</p>

<p>Performance Measures: Conduct 4 TGFSC meetings.</p> <p>Prepare letters of support/advocacy as needed for Council initiatives and attend various meetings related to TGFSC concerns.</p> <p>Develop, package and implement at least 4 TGFSC member initiated project ideas. Identify potential public and private stakeholders within Colusa County and invite their membership into the TGFSC.</p> <p>In collaboration with current members of the Manton Fire Safe, Shasta County Fire Safe Council and staff of the Western Shasta RCD, reestablish meeting schedules and revise the agenda of both organizations. Identify an array of funding sources available to private landowners, develop information pertaining to program requirements, and disseminate information through direct contact with landowner and information material to local media within the four-county project area.</p> <p>Complete or update 2 CWPPs.</p> <p>Conduct meetings as appropriate with USFS, BLM and National Park Service personnel in order to identify known and potential sites within or adjacent to federal lands in need of restoration/maintenance or protection efforts along with possible funding sources for implementation.</p> <p>Through meetings with federal partners, determine what other federal funding mechanism are available for collaborative efforts between the RCDTC and federal entries.</p> <p>Participate in formal trainings or other opportunities to learn about the array of project funding sources available through the USFS, BLM and NPS.</p> <p>Development of project proposals, work scopes and funding applications for at least two timber harvest/forest health projects on small forested lands managed for timber production,</p>		
<p>TASK 2 In Cooperation with USFS/BLM/NPS Personnel, Continue Current Project Development of Forest Health, Fire/Fuels Management and Fire Ecology Implementation Projects Within and Adjacent to Public Lands Utilizing Currently Know Funding Mechanism Along with Those That are Identified and Developed Under Task 3.</p>	<p>Timeline [Start and End Date]</p>	<p>Total Requested Grant Funds</p>
<p>Subtask A: Continue current efforts at canvassing public and private land mangers (primarily the Lassen, Shasta-Trinity and Mendocino National Forests, Bureau of Land Management National Park Service, Sierra Pacific Industries, Crane Mills and Collins Pine Company) for information related to sites having significant fire and pest related impacts. Once such sites are known, the RCDTC WC will work with land managers to develop treatment prescriptions and funding applications. A specific area to be targeted for restoration and reforestation is that portion of the 2018 Mendocino Complex Fire located in western Glenn and Colusa</p>	<p>4/1/19 - 3/30/21</p>	<p>\$37,128.98</p>

<p>County and the 2008 Whiskey Fire that occurred in western Tehama County.</p> <p>Subtask B: Continue efforts to develop federal and/or State funding of forest road crossing design, environmental analysis and implantation work in connection with the Lassen National Forest's Southwest Lassen Watershed Improvement Project.</p> <p>Subtask C: Continue efforts to develop USFS/BLM Stewardship contracts within the project area. The goal of this effort is to both complete needed project work as well as generate funds that can be incorporated back into additional project work within forested watershed on public lands.</p> <p>Subtask D: Continue to develop additional fuels management projects within and adjacent to the Lassen Volcanic National Park and other public lands under a master services agreement between the RCDTC and the California Association of Resource Conservation District</p> <p>Performance Measures: Develop and implement one or more project proposal for restoration/reforestation work within that portion of the Mendocino Complex Fire located within Glenn and/or Colusa County as well as the Whiskey Fire in Tehama County.</p> <p>Develop one or more project proposals for project design, environmental analysis and implementation efforts in connection with the Lassen National Forest's Southwest Lassen Watershed Improvement Project.</p> <p>Develop one or more USFS and/or BLM Stewardship Contracts in cooperation with agency personnel, and related Stewardship Contracts for forest health, fire/fuels management and fire ecology projects within the four-county project area. Proceeds from the sale of forest products generated in connection with project work would be utilized to complete addition restoration efforts in those watersheds where project work was completed.</p> <p>Implement the removal of hazardous trees through a Stewardship Contract, fee-for-service agreement or other funding mechanism, along State Route 36E between Mineral and the junction of State Route 32; State Route 172 between Childs Meadows and Mineral; State Route 89 between the junction of State Route 36E and Lassen Volcanic National Park and Forest Service Route 17 between Mineral and the Tehama County line.</p>	<p>4/1/19 - 3/30/21</p> <p>4/1/20 - 3/30/21</p> <p>4/1/19 - 3/30/21</p>	
<p>TASK 3: Continue Current RCDTC Development of Mountain Meadow Habitat Restoration Projects</p>	<p>Timeline [Start and End Date]</p>	<p>Total Requested Grant Funds</p>

<p>Subtask A: Continue discussions and collaboration with CDFW and US Fish and Wildlife Service (USFWS) personnel along with staff from The Nature Conservancy (TNC), Collins Pine Company and the Sierra Institute regarding the location of at-risk meadow complexes within the four county project area. In addition, these discussions will include recommendations for the design of restoration efforts that will have the greatest positive impact on this habitat. The WC will seek specialists' specific input on actions that need to occur within the Childs Meadows complex that would be in addition to work currently being conducted by the RCDTC in cooperation with the Collins Pine Company.</p> <p>Subtask B: Continue current efforts to identify and secure funding sources for the improvement of meadow conditions within the Deer Creek Meadows complex. Proposed project work entails the removal of an abandoned logging road, reestablishment of hydrologic conditions, and removal of an abandoned bridge structure that poses a risk to Deer Creek water quality related to bank erosion and leaching of construction chemicals.</p> <p>Subtask C: Continue current efforts to secure funding sources for the removal of an abandoned highway bridge over Gurnsey Creek, a tributary to Deer Creek, near Childs Meadows. This structure poses a risk to water quality within Deer Creek and Deer Creek meadows. In addition to its chronic leaching of construction chemicals into Gurnsey Creek stream flows, the bridge structure poses a risk of bank erosion and sediment generation which would impact water quality within Deer Creek, an important anadromous stream within the Sacramento River watershed system.</p> <p>Performance Measures: Through individual discussion with agency personnel and access to other sources of information, the WC will develop additional knowledge regarding the location and condition of mountain meadow complexes found within the four county area.</p> <p>Develop funding necessary to complete project design and specific work scopes, environmental analysis and implementation of proposed restoration efforts for the Deer Creek Meadows complex.</p> <p>Develop funding necessary to complete the removal of the abandoned Gurnsey Creek bridge infrastructure and reconditioning/stabilization of banks and bridge abutment sites.</p>	<p>6/30/19 - 3/30/21</p> <p>5/1/19 - 6/30/20</p> <p>5/1/19 - 6/30/20</p>	<p>\$18,738.49</p>
<p>TASK 4: Create Capacity for Collaborative Planning and Implementation at the Landscape or Watershed Level</p>	<p>Timeline [Start and End Date]</p>	<p>Total Requested Grant Funds</p>

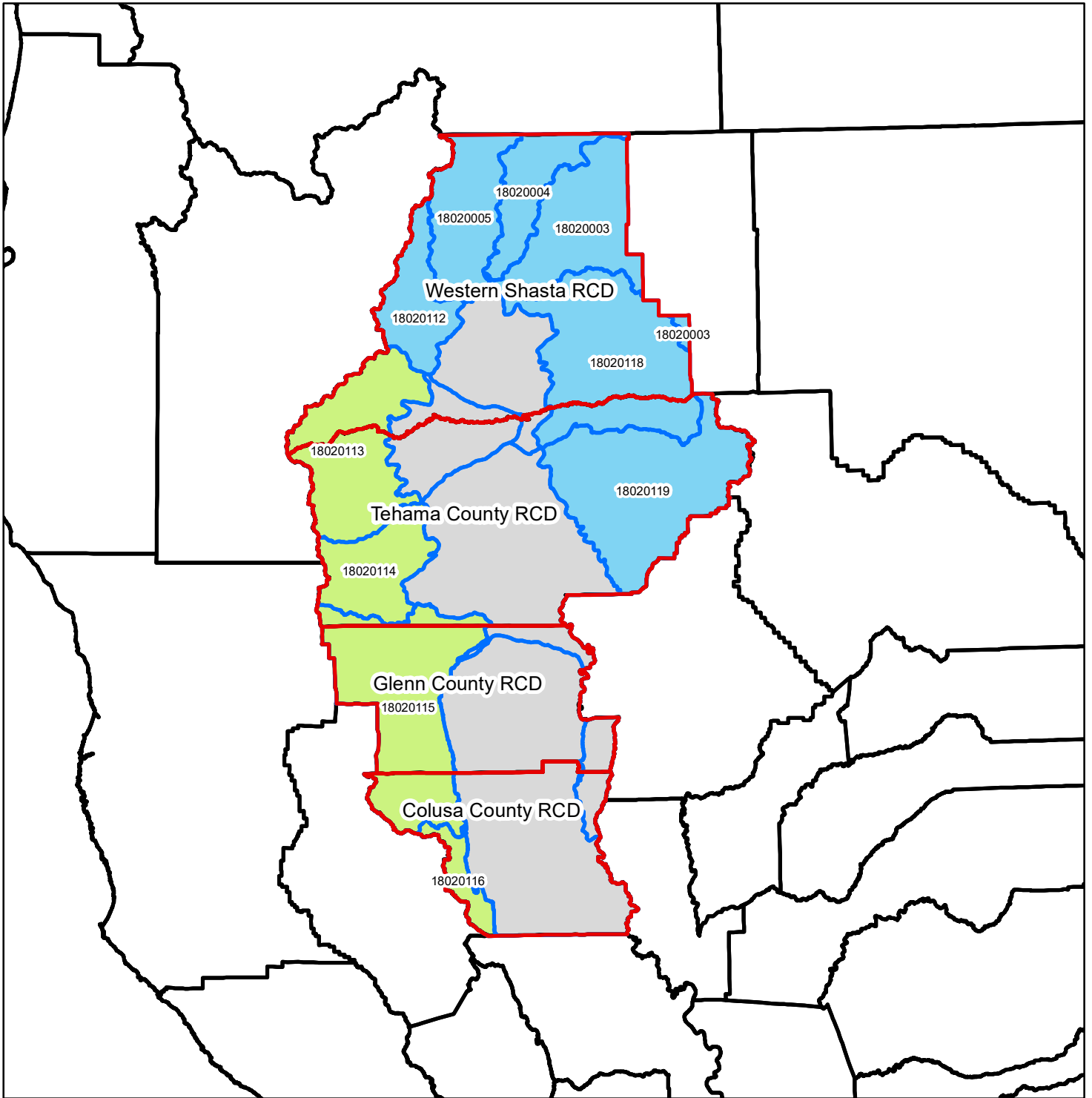
<p>Subtask A: Coordinate efforts of the Fire Scape Mendocino (FSM) group and expand its membership to include a wider range of agency, landowner and other watershed stakeholder membership. The WC will also coordinate FSM memberships' development of project proposals and input related to forest health, fire/fuels management and fire ecology efforts on public lands within the South Coast Range of Shasta, Tehama, Glenn and Colusa counties.</p>	4/1/19 - 3/30/21	\$37,186.98
<p>Subtask B: Participate in formal and informal trainings related to methods for successful collaboration. After many years of successfully developing Fire Scape programs throughout the US, The Nature Conservancy's Fire Scape program staff have considerable expertise in the development of collaboration among forestland stakeholders. In order to increase his collaboration skill level, the RCDTC WC/ Fire Scape Mendocino Coordinator will participate in various formal and informal training secessions provided by TNC Fire Scape staff.</p>	4/1/19 - 3/30/21	
<p>Subtask C: Work with the RCDTC environmental analysis program manager in order to aid in increasing the pace and scale of project implementation, to promote the use of this RCDTC program in the development of necessary CEQA and NEPA documents and the District as CEQA Lead Agency.</p>	4/1/19 - 3/30/21	
<p>Subtask D: Other specific efforts of the WC to create landscape scale capacity for collaborative planning and Implementation of forest health, fire/fuels managing and fire ecology efforts with in the four county project area include:</p> <ul style="list-style-type: none"> • Developing support from an array of nongovernmental organizations or other appropriate private sector entities. • Continue and expand the use of State and local Conservation Corps, veterans' crews, or Conservation Camp inmate crews to implement projects on the ground. • Seek funding necessary for the RCDTC to implement its recently developed Fire Training and Fuel Treatments Permit Coordination Program for Western Tehama County. The WC will also seek funding to develop similar programmatic environmental and permitting processes for other forested areas within the four county project area. The WC will work with State, federal and private landowners along with other area stakeholders in order to identify opportunities for decreasing the cost of environmental analysis/permitting and increasing the pace and scale of project implementation related to forest health, fire/fuels manage and fire ecology projects throughout the project area. 	4/1/19 - 3/30/21	

<p>Subtask E: Participate in meetings of the Forest Management Task Force Northern Regional Prioritization Group</p> <p>Subtask F: Participate in the orientation and summits provided as part of this Department of Conservation program.</p>	<p>4/1/19 - 3/30/21</p>	
<p>Performance Measures:</p> <ul style="list-style-type: none"> Increase Fire Scape Mendocino membership and participation. Participate in two formal and informal training opportunities with TNC Fire Scape personnel. Identify and develop financial or logistical support from 3 nongovernmental organizations. Increase use of Conservation Camp crews as well as State and local Conservation Corps, and veterans' crews as appropriate when developing implementation projects. Develop one or more funding sources necessary for the RCDTC to implement its Fire Training and Fuel Treatments Permit Coordination Program for Western Tehama County. Develop one funding source necessary to develop programmatic environmental and permitting processes for other forested areas within the four county project area. Develop outreach opportunities through the Tehama-Glenn Fire Safe Council, Fire Scape Mendocino or directly through RCD of Tehama County to local, State, federal entities in order to identify opportunities for decreasing the cost of environmental analysis related to forest health, fire/fuels manage and fire ecology projects throughout the four county area. Participate in monthly Forest Management Task Force Northern Regional Prioritization Group phone calls Participate in Watershed Coordinator orientation and four watershed coordinator summits. 		
	<p>GRAND TOTAL</p>	<p>\$184,880.91</p>

5. Budget:

PERSONNEL	Hourly Rate/ Unit Cost	Number of hours/units	Task 1	Task 2	Task 3	Task 4	Total Requested Grant Funds
Watershed Coordinator A	\$ 34.02	2080	\$35,383.98	\$14,153.59	\$ 7,076.80	\$14,153.59	\$ 70,767.96
Watershed Coordinator B	\$ 38.07	2080	\$39,594.77	\$15,837.91	\$ 7,918.95	\$15,837.91	\$ 79,189.53
		Subtotal	\$74,978.75	\$29,991.50	\$14,995.75	\$29,991.50	\$ 149,957.50
TRAVEL COSTS							
Travel: Within watershed	\$ 0.58	5300	\$ 1,044.00	\$ 1,044.00	\$ 696.00	\$ 290.00	\$ 3,074.00
Travel: To required meetings	\$ 0.58	1400				\$ 812.00	\$ 812.00
Hotel for meetings in Sacramento	\$ 95.00	6					\$ 570.00
		Subtotal	\$ 1,044.00	\$ 1,044.00	\$ 696.00	\$ 1,102.00	\$ 4,456.00
ADMINISTRATIVE COSTS (maximum of 20% of grant)							
Insurance	\$ 9,600.00	10%	\$ 480.00	\$ 192.00	\$ 96.00	\$ 192.00	\$ 960.00
Computer Support	\$ 31,200.00	10%	\$ 1,560.00	\$ 624.00	\$ 312.00	\$ 624.00	\$ 3,120.00
Utilities	\$ 6,000.00	10%	\$ 300.00	\$ 120.00	\$ 60.00	\$ 120.00	\$ 600.00
Internet	\$ 1,440.00	10%	\$ 72.00	\$ 28.80	\$ 14.40	\$ 28.80	\$ 144.00
Supplies	\$ 14,400.00	10%	\$ 720.00	\$ 288.00	\$ 144.00	\$ 288.00	\$ 1,440.00
Office space	\$ 35,520.00	10%	\$ 1,776.00	\$ 710.40	\$ 355.20	\$ 710.40	\$ 3,552.00
District Manager	\$ 56.73	288	\$ 8,169.50	\$ 3,267.80	\$ 1,633.90	\$ 3,267.80	\$ 16,338.99
Controller	\$ 43.12	100	\$ 2,156.21	\$ 862.48	\$ 431.24	\$ 862.48	\$ 4,312.42
		Subtotal	\$15,233.71	\$ 6,093.48	\$ 3,046.74	\$ 6,093.48	\$ 30,467.42
		TOTAL	\$91,256.46	\$37,128.98	\$18,738.49	\$37,186.98	\$ 184,880.91

Resource Conservation District of Tehama County
 Tehama, Shasta, Glenn, & Colusa Forest Health Watershed Coordinator Program



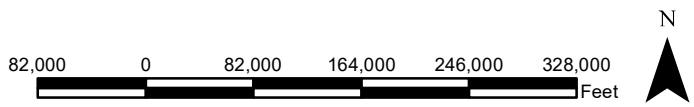
Legend

- Resource Conservation Districts
- Project Watersheds (HUC 8)

Watershed Coordinator Zones

NAME

- N + Central Coast
- Not Eligible
- Sierra Nev + Cascade



**RESOLUTION OF THE
TEHAMA COUNTY RESOURCE CONSERVATION DISTRICT
AUTHORIZING APPLICATION TO
THE DEPARTMENT OF CONSERVATION
FOREST HEALTH WATERSHED COORDINATOR GRANT PROGRAM**

RESOLUTION #19-1

WHEREAS, the Budget Act of 2018 of the State of California has appropriated funds for the program shown above; and

WHEREAS, the Department of Conservation (DOC) has been delegated the responsibility for the administration of these funds through a grant program, establishing necessary procedures; and

WHEREAS, said procedures established by the DOC require a resolution certifying the approval of application(s) by the Applicant's governing board before submission of said application(s) to the DOC; and

WHEREAS, the Applicant, if selected, will enter into an agreement with the DOC to carry out the project; and

WHEREAS, the Resource Conservation District of Tehama County (RCDTC) has identified the Forest Health Watershed Coordinator Program as valuable toward meeting its mission and goals.

BE IT HEREBY RESOLVED by the Board of Directors of the Resource Conservation District of Tehama County, that this Board:

1. Approves the submittal of an application for the Forest Health Watershed Coordinator Program; and
2. Certifies that RCDTC accepts the terms and conditions in the template agreement if the project is awarded funding; and
3. Certifies that no conflict of interest or appearance of conflict of interest exists for any member of the applicant's Board of Directors as relates to the project; and
4. Appoints the District Manager as agent to conduct all negotiations, sign and submit all documents, including but not limited to: applications, agreements and payment requests which may be necessary for the completion of the aforementioned project if awarded funding.

I hereby certify that the above is a true and correct copy of Resolution #19-1, adopted on the motion of Director S. Soder, seconded by Director R. Sale, and duly passed at a regular public meeting held by the Board of Directors at 8:45 A.M. on January 16, 2019, at the Resource Conservation District Office, 2 Sutter Street, Red Bluff, California.

Roll Call was as follows:

AYES: J. Bramhall, R. Sale, S. Soder, W. Williams

NOES: None

ABSTAIN: None

ABSENT: A. Read

Submitted by,



Board President



G L E N N C O U N T Y

R E S O U R C E C O N S E R V A T I O N D I S T R I C T

February 12, 2019

California Department of Conservation
801 K Street, MS 18-01
Sacramento, CA 95814-3528
Attn: Keali'i Bright and David Bunn

RE: Letter of Support for the Resource Conservation District of Tehama County's Forest Health Watershed Coordinator Grant Program Application

Dear DOC Review Team:

The Resource Conservation Districts in the Sacramento Valley have a history of working cooperatively and collaboratively with each other. In fall 2018, four Resource Conservation Districts; Colusa, Glenn, Tehama and Western Shasta, signed a Memorandum of Understanding (MOU) to expand and formalize their existing relationships. The basic premise of the MOU is:

- (a) The four Resource Conservation Districts (RCD) have the common objective of collaborating with willing landowners, government agencies and other organizations to facilitate the conservation or restoration of natural resources.
- (b) Each RCD is independent and retains its own responsibilities, yet recognizes the need to establish a basis for cooperation to achieve common natural resource goals and objectives.
- (c) Each RCD may have the opportunity to participate on a conservation project within its boundaries that would benefit from the skills or knowledge of staff from another RCD.

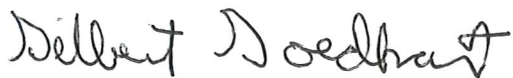
This MOU establishes the process through which the RCDs will pursue and execute projects that lie within each others jurisdictional boundaries.

To expand, for multiple years the Glenn County RCD (GCRCD) and the RCD of Tehama County (RCDTC) have jointly pursued and implemented projects for

funding fuels management projects and other watershed restoration efforts that positively impact watersheds. RCDTC staff assisted us with completing a Glenn County Community Wildfire Protection Plan, which we currently have funding to update, again in partnership with RCDTC. We also have a fire prevention education grant that we will complete in partnership with RCDTC and the Tehama Glenn Fire Safe Council.

Therefore, the Department of Conservation's Forest Health Watershed Coordinator program is a natural fit for our RCDs in the Sacramento Valley to continue to collaborate together. During the anticipated project period, GCRCD staff will offer 40 hours of personnel time at a rate of \$88.24 per hour to help the RCDTC's Watershed Coordinator in pursuing projects within the GCRCD boundaries [~\$3,529.60]. The GCRCD supports the Resource Conservation District of Tehama County's Watershed Coordinator proposal since we are confident the project will make positive impacts as our collaboration history has shown, and we urge you to support this project.

Sincerely,

A handwritten signature in black ink that reads "Gilbert Goedhart". The signature is written in a cursive, slightly slanted style.

Gilbert Goedhart
President
Glenn County RCD



COLUSA COUNTY RESOURCE CONSERVATION DISTRICT

February 6, 2019

California Department of Conservation

801 K Street, MS 18-01

Sacramento, CA 95814-3528

Attn: Keali'i Bright and David Bunn

RE: Letter of Support for the Resource Conservation District of Tehama County's Forest Health Watershed Coordinator Grant Program Application

The Resource Conservation Districts in the Sacramento Valley have a history of working cooperatively with each other. In the fall of 2018 four Resource Conservation Districts; Colusa, Glenn, Tehama and Western Shasta signed a Memorandum of Understanding to expand and formalize their existing relationships. The basic premise of the MOU is:

- (a) The four Resource Conservation Districts (RCD) have the common objective of collaborating with willing landowners, government agencies and other organizations to facilitate the conservation or restoration of natural resources.
- (b) Each RCD is independent and retains its own responsibilities yet recognizes the need to establish a basis for cooperation to achieve common natural resource goals and objectives.
- (c) Each RCD may have the opportunity to participate on a conservation project within its boundaries that would benefit from the skills or knowledge of staff from another RCD.

This document establishes the process through which the RCDs will pursue and execute projects that lie within each other's jurisdictional boundaries.

For years the Colusa County RCD (CCRCD) and the RCD of Tehama County (RCDTC) have jointly pursued projects for funding fuels management projects and others watershed restoration efforts that would positively impact watersheds within our respective areas of operation. We have yet to complete a project together but look forward to the opportunity to find collaborative projects.

The Department of Conservation's Forest Health Watershed Coordinator program is once again offering financial support that will promote collaborative efforts among local organizations for two years. During this period, CCRCD staff would provide 500 labor hours at a rate of \$35.23 per hour to the RCDTC's Watershed Coordinator to pursue projects within the CCRCD boundaries. The CCRCD supports the Resource Conservation District of Tehama County's watershed coordinator proposal. Having an RCDTC Watershed Coordinator dedicated to these forested lands will be of benefit to watersheds in western Colusa County. We urge you to support the RCDTC's proposal.

Sincerely,

Ben Felt

President of the Board of Directors

BOARD OF DIRECTORS

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Emily Harmon

CONTACT INFORMATION

100 Sunrise Boulevard
Suite B
Colusa, CA 95932

PHONE
(530) 458-2931

FAX
(844) 206-6976

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info@colusarcdd.org

WEB
www.colusarcdd.org



February 6, 2019

California Department of Conservation
801 K Street, MS 18-01
Sacramento, CA 95814-3528
Attn: Keali'i Bright and David Bunn

RE: Letter of Support for the Resource Conservation District of Tehama County's Forest Health Watershed Coordinator Grant Program Application

The Resource Conservation Districts in the Sacramento Valley have a history of working cooperatively with each other. In the fall of 2018 four Resource Conservation Districts; Colusa, Glenn, Tehama and Western Shasta, signed a Memorandum of Understanding to expand and formalize their existing relationships. The basic premise of the MOU is:

- (a) The four Resource Conservation Districts (RCD) have the common objective of collaborating with willing landowners, government agencies and other organizations to facilitate the conservation or restoration of natural resources.
- (b) Each RCD is independent and retains its own responsibilities, yet recognizes the need to establish a basis for cooperation to achieve common natural resource goals and objectives.
- (c) Each RCD may have the opportunity to participate on a conservation project within its boundaries that would benefit from the skills or knowledge of staff from another RCD.

This document establishes the process through which the RCDs will pursue and execute projects that lie within each others jurisdictional boundaries.

For years the Western Shasta RCD (WSRCD) and the RCD of Tehama County (RCDTC) have discussed proposals for funding fuels management projects and others watershed restoration efforts that would positively impact watersheds within our respective areas of operation. Several years ago we completed a project where the RCDTC had a watershed coordinator that worked in a watershed that covered both RCDs, we were able to install a walking bridge and riparian planting in Shasta County that used staff from both RCDs. We are currently using RCDTC staff to assist with our large Carr Fire restoration project.



The Department of Conservation's Forest Health Watershed Coordinator program is once again offering financial support that will promote collaborative efforts among local organizations for two years. During this period of time, WSRCDC staff would provide 40 labor hours at a rate of \$75.00 per hour to the RCDTC's Watershed Coordinator to pursue projects within the WSRCDC boundaries. The WSRCDC supports the Resource Conservation District of Tehama County's watershed coordinator proposal. Having an RCDTC Watershed Coordinator dedicated to these forested lands will be of benefit to watersheds in Shasta County. We urge you to support the RCDTC's proposal.

Sincerely,

A handwritten signature in black ink that reads "Chest R. Anderson". The signature is written in a cursive style.

District Manager
Western Shasta RCD



February 12th, 2019

California Department of Conservation
801 K Street, MS 18-01
Sacramento, CA 95814-3528

RE: Letter of Support for the Resource Conservation District of Tehama County's Forest Health Watershed Coordinator Grant Program Application

To: Keali'i Bright and David Bunn.

As coordinator of the Tehama-Glenn Fire Safe Council, I would like to provide our organization's support for the Resource Conservation District of Tehama County's (RCDTC) Resource Conservation District of Tehama County's Forest Health Watershed Coordinator Grant Program Application.

In developing collaboration among watershed partners and preparing what are often complicated and time consuming grant applications, the RCD of Tehama County utilizes its very limited amount of overhead dollars that are generated during grant and fee-for-serve projects. This relatively small amount of unobligated dollars provides very little in the way of funding for such project development and coordination efforts. With funds provided by the Department of Conservation's Forest Health Watershed Coordinator Grant initiative, the RCDTC could implement its **Tehama Shasta Glenn Colusa Forest Health Watershed Coordinator Program**. As a result, the District could continue to expand and develop its planning, collaboration, outreach and project development efforts on both public and provide lands that will lead to improve habitat and water quality conditions throughout the South Coast Range including those lands managed by the Mendocino National Forest.

I encourage the Department of Conservation to consider funding of the RCD of Tehama County's proposed **Tehama Shasta Glenn Colusa Forest Health Watershed Coordinator Program** application.

If you have questions on our support, please contact me at 530-737-5184.

Sincerely,

A handwritten signature in blue ink, appearing to read "Jon Barrett", with a long horizontal line extending to the right.

Jon Barrett
Tehama-Glenn Fire Safe Coordinator



State of California – Natural Resources Agency
DEPARTMENT OF FISH AND WILDLIFE
Northern Region
601 Locust Street
Redding, CA 96001
www.wildlife.ca.gov

GAVIN NEWSOM, Governor
CHARLTON H. BONHAM, Director



February 11, 2019

David Bunn, Director
California Department of Conservation
801 K Street, MS 14-15
Sacramento, CA 95814

Dear Mr. Bunn:

**Subject: Letter of Support, Resource Conservation District of Tehama County,
Department of Conservation Forest Health Watershed Coordinator
Program**

The California Department of Fish and Wildlife (Department) is responsible for managing the State's fish, wildlife, and botanical species, and the habitats upon which they depend for their ecological values and for their use and enjoyment by the public. For over two decades, the Department has been a technical advisor to the Resource Conservation District of Tehama County (RCDT) for watershed restoration projects that benefit fish, wildlife, and botanical resources. The Department supports the Forest Health Watershed Coordinator Program position proposed by RCDTC. Work completed by the Watershed Coordinator will improve watershed health within Tehama County.

The watersheds of Mill, Deer, and Butte creeks lie within the Sierra Nevada and Cascade zones where the Watershed Coordinator will focus efforts. These watersheds include independent populations of spring-run Chinook Salmon (*Oncorhynchus tshawytscha*), a species listed as threatened under both the State and federal Endangered Species Acts. This position, if funded through your program, will benefit these watersheds by enhancing and expanding efforts to promote watershed health.

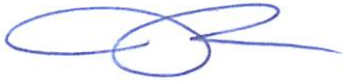
The RCDTC has a previous track record of working to improve the health of watersheds in Tehama County with a variety of partners and is actively seeking funding to continue and expand this record. They have successfully performed watershed coordination in the past and have worked cooperatively and successfully with the Department and other resource partners including U.S. Fish and Wildlife Service, Natural Resource Conservation Service, State Water Resources Control Board, and National Marine Fisheries Service.

Conserving California's Wildlife Since 1870

David Bunn, Director
California Department of Conservation
February 11, 2019
Page 2

Thank you for considering this request from the RCDTC and its partners. We look forward to continuing collaborative work with them to help ecosystem restoration, environmental education, and watershed stewardship efforts within our areas of influence and responsibility. Should you have further questions, please contact Staff Environmental Scientist Patricia Bratcher at (530) 225-3845, or Patricia.Bratcher@wildlife.ca.gov.

Sincerely,



Jason Roberts
Inland Fisheries Program Manager

ec: David Bunn, Director
California Department of Conservation
david.bunn@conservation.ca.gov

Vicky Dawley, Jon Barrett
Resource Conservation District of Tehama County
vicky@tehamacountyrcd.org, jon@tehamacountyrcd.org

Patricia Bratcher, Jason Roberts, Michael Harris, Joe Croteau, Curt Babcock
California Department of Fish and Wildlife
Patricia.Bratcher@wildlife.ca.gov, Jason.Roberts@wildlife.ca.gov,
Michael.R.Harris@wildlife.ca.gov, Joe.Croteau@wildlife.ca.gov,
Curt.Babcock@wildlife.ca.gov



February 11, 2019

California Department of Conservation
801 K Street, MS 18-01
Sacramento, CA 95814-3528

RE: Letter of Support for the Resource Conservation District of Tehama County's Forest Health Watershed Coordinator Grant Program Application

To: Keali'i Bright and David Bunn,

Collins Pine Company (Collins) has collaborated with the Tehama County Resource Conservation District (TCRCD) on watershed restoration and fuel reduction projects within Tehama County in the Deer and Mill Creek Watersheds. This partnership has been invaluable, and without this partnership, there are many projects that Collins would not have been able to complete. The Deer and Mill Creek Watersheds are two headwater streams to the Sacramento that occur in the Southern Cascades. The maintenance and enhancement of these watersheds have been identified as a priority for Collins.

Collins and TCRCD both are involved with the South Lassen Watershed Group, where both groups collaborate with other stakeholders in the area. Having a TCRCD watershed coordinator would be greatly beneficial to many entities and would provide the assistance necessary to implement more projects. In the past, TCRCD has assisted Collins with writing technical sections of grants, has provided input on Timber Harvest Plans that are in conjunction with restoration and fuel reduction projects, and has performed other valuable tasks for Collins. These contributions and more have had a positive impact on projects performed in the past.

Collins anticipates continuing to collaborate with TCRCD and to provide matching funds in the form of employee staff time (forestry and biological) on future projects. A watershed coordinator position within TCRCD would make projects such as the ones previously mentioned, and other projects, more attainable. Collins is supportive of this position and hopes you will consider the TCRCD's proposal.

Respectfully,

Paul M. Harlan
VP, Resources



United States Department of the Interior



LASSEN VOLCANIC NATIONAL PARK
38050 Hwy 36 East
PO Box 100
Mineral, CA 96063

IN REPLY REFER TO:
Lassen Letter of Support, RCDTC

February 11, 2019

California Department of Conservation
801 K Street, MS 18-01
Sacramento, CA 95814-3528

To whom it may concern,

This letter is in support of the application by the Resource Conservation District of Tehama County (RCDTC) for the Tehama/Shasta/Glenn/Colusa Forest Health Watershed Coordinator Program. Since 2017, Lassen Volcanic National Park (LVNP) has worked with the RCDTC on range of projects, including a Cooperative Ecosystem Studies Unit (CESU) project in 2018. This particular research project sought to evaluate cost effective methods for removing hazardous fuels and trees from park campgrounds. Our successful collaborative effort illustrates the vital work that the RCDTC does on a wide range of natural resource issues, but in particular on coordinating issues related to forest health.

Both RCDTC and LVNP are members of the South Lassen Watersheds Group, a collaborative with upwards of 20 different local, state, and federal agencies, environmental non-profits, and private landowners working to address concerns and potential projects in the 700,000 acre planning area. While there is significant support for these collaborative efforts in Plumas and Lassen counties, Shasta and Tehama counties both lack coordination capacity. The Department of Conservation's Forest Health Watershed Coordinator Grant Program will allow the RCDTC to expand its planning, outreach and project development capacity to increase the pace and scale of restoration efforts to improve habitat and water quality conditions in these two counties and advance projects vital to protecting both public and private land.

LVNP has found the RCDTC to be an effective partner both in terms of its cost effectiveness and its ability to successfully implement projects on the ground. They are uniquely situated to expand off a highly competent organizational base to integrate additional work into their portfolio. We strongly encourage support for their proposal.

Sincerely,

Steve Buckley, PhD
Ecologist/Botanist
Lassen Volcanic NP
steve_buckley@nps.gov

P.O. Box 318
Corning, CA 96021



Phone: (530) 824-5427
FAX (530) 824-3157

January 30, 2019

California Department of Conservation
801 K Street, MS 18-01
Sacramento, CA 95814-3528

RE: Letter of Support for the Resource Conservation District of Tehama County's Forest Health Watershed Coordinator Grant Program Application

To: Keali'i Bright and David Bunn.

Over the years, Crane Mills worked with the Resource Conservation District of Tehama County (RCDTC) in their preparation of the Tehama West Watershed Assessment and the Tehama West Watershed Management Plan as a member of their technical advisory committee. The development of these documents was important to our Company as Crane Mills owns and manages timberlands in the Upper Elder-Thomas and Sacramento-Lower Thomas HUC's which include the headwaters of Red Bank Creek, North Fork of Elder Creek, South Fork of Elder Creek and Thomas Creek and have done so since 1945. We have extensive experience with the use of Best Management Practices (BMP's) in road construction, reconstruction and maintenance as well as with cumulative impact analysis/watershed assessment through our involvement in the Timber Harvest Plan (THP) review and approval process. THPs are the functional equivalent to environmental impact documents under the California Environmental Quality Act (CEQA). All of the protection measures that we employ in the headwaters are designed to not impact the downstream beneficial uses of water. We do not have however, unlimited time or money to conduct studies, hence our interest in cooperating with other stakeholders in these Westside watersheds.

RCDTC also obtained a Secure Rural Schools and Community Self-Determination Act Grant to create a fuel break in the Patton Mills area on Crane Mills property. As a result RCDTC has been establishing fuel breaks in the area over the past three years. The Patton Mills Fuel Break complemented the system of fuel treatments as well as improved egress and ingress for fire service personnel and equipment in the event of a fire. The project created defensible space and allows fire fighters to control wild fires and prescribed burns.

P.O. Box 318
Corning, CA 96021



Phone: (530) 824-5427
FAX (530) 824-3157

Currently, the RCDTC has spearheaded the Firescape Mendocino working group and has collaborated with Crane Mill and the Mendocino National Forest to apply for a CCI Cal Fire grant with the intent to treat over 5,000 acres through numerous practices that include forest thinning, mastication, bio massing and understory burning.

An RCDTC watershed coordinator would be a great help in developing additional projects, in both burned and unburned forest within the Mendocino National Forest and adjacent private timberlands such as Crane Mills'. The watershed coordinator position is critical in making connections with other landowners and agency staff and fostering collaboration.

Please consider funding RCDTC's watershed coordinator! If you have any questions feel free to reach out to me.

Sincerely,

A handwritten signature in black ink, appearing to be "Mike A. Marvier", is written over a horizontal line. The signature is stylized and cursive.

Mike A. Marvier
Crane Mills Forester
RPF# 2629
Office (530) 824-5427
Cell (530) 604 - 1895

Central Valley Regional Water Quality Control Board

8 February 2019

California Department of Conservation
801 K Street, MS 18-01
Sacramento, CA 95814-3528

RE: Letter of Support for the Resource Conservation District of Tehama County's Forest Health Watershed Coordinator Grant Program Application

Recently the Resource Conservation District of Tehama County (RCD) invited Central Valley Regional Water Quality Control Board staff to view several abandoned bridges located in eastern Tehama County. One was located within the Upper Deer Creek Meadows complex near the junction of State Route 32E and 36E the other, along Gurnsey Creek, a major tributary to Deer Creek adjacent to the State Route 36E corridor. As you are probably aware, the Deer Creek watershed is an important anadromous stream within the Sacramento River system. It was discovered that these structures could create a water quality and habitat issue in the near future if they collapsed causing subsequent bank erosion or the chronic leaching of toxic material found in wooden piers and other bridge components if not removed. The issue of these bridges was identified by RCD of Tehama County personnel during their ongoing collaboration with public and private watershed stakeholders in eastern Tehama County as well as the surrounding area.

In addition, the RCD has collaborated with the Central Valley Regional Water Quality Control Board and other watershed stakeholders on a range of projects related to road sediment currently being generated along Ponderosa Way and other wildland routes within eastern Tehama County. As a result of these outreach and collaboration efforts, the RCD is now in the process of preparing an action plan for road improvements along the entire Ponderosa Way right-of-way within Tehama County. Once the plan is completed, the RCD personnel will implement several of the recommended actions found in the action plan and seek funding for the others.

In developing collaboration among watershed partners, the RCD utilizes its limited amount of overhead dollars that are generated during grant and fee-for-serve projects. Through funding provided by the Department of Conservation's Forest Health Watershed Coordinator Grant Program, the RCD could continue to expand and develop its planning, collaboration, outreach and project development efforts that will lead to improve habitat and water quality conditions within Tehama County's eastside area.

We support the RCD's request for a Watershed Coordinator position. Please let me know if you have questions related to this request. I can be reached at: 530-224-2050 or via email at Justin.LaNier@Waterboards.ca.gov. Thank you for your consideration of this request for funding.

Thank You,

A handwritten signature in blue ink, appearing to read "Justin LaNier".

For
Justin LaNier
Engineering Geologist

**DEPARTMENT OF FORESTRY AND FIRE PROTECTION**

604 Antelope Blvd.
RED BLUFF, CA 90280
(530) 528-5199
Website: www.fire.ca.gov



February 4, 2019

California Department of Conservation
801 K Street, MS 18-01
Sacramento, CA 95814-3528

RE: Letter of Support for the Resource Conservation District of Tehama County's Forest Health Watershed Coordinator Grant Program Application

To: Keali'i Bright and David Bunn.

Throughout the years, CAL FIRE's Tehama-Glenn Unit have worked with the Resource Conservation District of Tehama County (RCDTC) in promoting and implementing fire and fuels management projects through collaborative development of project ideas, providing technical expertise and funding for project implementation as well as their participation in the Tehama-Glenn Fire Safe Council. Over the past three years, our personnel worked with the RCDTC to provide data that was incorporated into the updated Tehama West and East Community Wildfire Protection Plans (CWPP). Our interagency planning efforts have continued over the years as projects from the CWPP's are completed.

Additionally, I am a member of the Firescape Mendocino Collaborative Working Group along with the RCDTC and other stakeholders. This group was developed to address the needs of the Mendocino National Forest along with other public and private stakeholders focused on the Interior and North Coast Range's. Through these efforts the RCDTC has completed more than \$1,000,000 in state, federally funded fire, fuels management and fire ecology initiatives on west side forestlands, and has applied for a \$5,400,000 in CCI Healthy Forest grant dollars available through CAL FIRE.

Support from Department of Conservation, Watershed Coordinator Grant will allow the RCDTC to continue its own collaborative efforts and assist with those of the Tehama-Glenn Firesafe Council, and the Firescape Mendocino Collaborative Working Group. More importantly, the Forest Health Watershed Coordinator Program will allow the RCDTC to

continue leveraging an array of funding sources that will result in the increased pace and scale of project completion.

Please consider funding the RCDTC's Watershed Coordinator.

If you have any additional questions, please feel free to reach out to me.



Dawn Pedersen, RPF #2754

Unit Forester - Tehama-Glenn Unit



(530) 528-5106 (office)

(530) 200-2506 (cell)



Sierra Pacific Industries

2849 Northgate Dr • Chico, California 95973 • (530) 345-0025

Sierra Pacific Industries
2849 Northgate Drive
Chico, CA 95973

February 11, 2019

Department of Conservation
Division of Land Resource Protection
Watershed Coordinator Program Manager

RE: Letter of Support for RCDTC Watershed Coordinator Grant.

Dear Department of Conservation,

Please accept this letter of support for the Tehama County RCD's application for a Watershed Coordinator Grant for the forested watersheds of Tehama County. Sierra Pacific Industries (SPI) is one of the largest private land owners and timber managers in the project area. SPI takes pride in not just providing economic development in the communities where we operate, but also contributing to environmental improvement and public safety. It is SPI's philosophy that healthy, productive forests yield immense environmental, social and economic benefits, and mitigate the impacts of climate change by absorbing and storing carbon in trees, soil and biomass. Our system of shaded fuel breaks is credited with slowing or stopping the Camp Fire in several places, saving lives and homes.

SPI lands don't exist in a vacuum. Our ownership is mixed with public and private lands in many watersheds. Fire, insects, disease and invasive plants affect all landowners.

SPI supports the RDCTC to fund a full-time coordinator to help communities plan, align, and seek funding for forest health projects on both public and private lands, all landowners would benefit, including SPI.

Local collaboration is key to long-term forest health. Please support TCRCD's important proposal.

Sincerely,

Steve Roberts

Stirling District Manager
Sierra Pacific Industries



File Code: 1509
Date: February 12, 2019

Keali'i Bright and David Bunn
California Department of Conservation
801 K Street, MS 18-01
Sacramento, CA 95814-3528

Dear Keali'i Bright and David Bunn,

The Mendocino National Forest (MNF) is pleased to submit a letter of support for the Resource Conservation District of Tehama County's Forest Health Watershed Coordinator. Over the past 20 years, the Mendocino National Forest (MNF) has collaborated, often extensively, with the Resource Conservation District of Tehama County (RCDTC) on several efforts within National Forest Service lands. In addition, the RCDTC and MNF are both members of the FireScape Mendocino Working Group which collaborates with many agencies and private landowners to address concerns and develop potential projects on public and private lands in and near the Mendocino National Forest. These projects generally entail forest health, public safety, fire/fuels management and fire ecology related efforts. Such collaborations have been very successful and the MNF continues to work closely with the RCDTC.

Most recently, our two organizations prepared a \$5.3 million dollar grant application to the California Department of Forestry and Fire Protection's California Climate Investments (CCI) - Forest Health Grant Program in order to complete forest health and fuels management projects on more than 3,000 acres of MNF managed lands. The MNF relied heavily on RCDTC to help with the grant writing and preparation. RCDTC has limited funding for project development and coordination efforts. With funds provided by the Department of Conservation's Forest Health Watershed Coordinator Grant initiative, the RCDTC could implement its **Tehama Shasta Glenn Colusa Forest Health Watershed Coordinator Program**. As a result, the RCDTC could continue to expand and develop its planning, collaboration, outreach and project development efforts on both public and private lands that will lead to improved habitat and water quality conditions throughout the South Coast Range including those lands managed by the MNF.

Thank you for your consideration of the RCDTC proposed **Tehama Shasta Glenn Colusa Forest Health Watershed Coordinator Program** application. Please let me know if you have questions related to this request. I can be reached at: 530-934-1100.

Sincerely,

ANN D. CARLSON
Forest Supervisor





IN REPLY REFER TO:
FWS/R8/

United States Department of the Interior

FISH AND WILDLIFE SERVICE
Pacific Southwest Region
Red Bluff Fish and Wildlife Service
10950 Tyler Road
Red Bluff, CA 96080
(530) 527-3043



February 8, 2019

California Department of Conservation
801 K Street, MS 18-01
Sacramento, CA 95814-3528

RE: Letter of Support for the Resource Conservation District of Tehama County's Forest Health Watershed Coordinator Grant Program Application

Dear Keali'i Bright and David Bunn

The United States Fish and Wildlife (USFWS) has collaborated with the Resource Conservation District of Tehama County (RCDTC) with restoration work in the Antelope Creek Watershed. Antelope Creek is a critical tributary to Sacramento River, and is identified in numerous fish agency (National Marine Fisheries Service, USFWS Anadromous Fish Restoration Plan) restoration plans. The USFWS funded RCDTC to conduct a geomorphology study on Antelope Creek and a fish passage study over Edwards Dam on Antelope Creek.

Currently, State Water Resource Control Board (SWRCB) has funded the RCDTC to conduct flow and temperature modeling in Antelope Creek. In, addition to the study, SWRCB, and USFWS has partnered together to fund RCDTC to retrofit the existing Edwards Dam with a new diversion, that will combine two existing irrigation ditches, the retrofit will include a fish bypass and new fish screens. The project is expected to be completed in 2021 and between the SWRCB and USFWS, total cost in Antelope Creek will be over \$4.5 million. Additionally, the USFWS is part of the Technical Advisory Committee, composed of numerous Landowner, State and Federal Agencies, all having different mission statements and all trying to improve fish habitat.

Complicated projects like Antelope Creek take a lot of pre planning, attending meetings and grant writing. The Watershed Coordinator Grant compliments other efforts RCDTC conducts to benefit the watersheds as a whole. Other resources in the area such as timber, oak woodlands and a variety of other wildlife habitats are especially important to the environmental and economic well-being of Tehama County. In the future the USFWS will continue to support efforts in the Antelope Creek watershed as well as other watershed improvement projects in Tehama County.

As a match, the USFWS will continue to collaborate and provide technical assistance on potential projects that the watershed coordinator could use when seeking funding, project design and project implementation. Please consider funding RCDTC's watershed coordinator, as they will be able to continue to leverage the funding into mission critical projects.

If you have any questions feel free to contact me at 530-527-3043 x 261 or james_earley@fws.gov.

Sincerely,

A handwritten signature in cursive script that reads "James Earley".

James Earley
Habitat Restoration Coordinator
U.S. Fish and Wildlife Service



United States Department of the Interior
BUREAU OF LAND MANAGEMENT

Redding Field Office
6640 Lockheed Drive
Redding, CA 96002
www.blm.gov



In reply
Refer to:
9210 (CAN06) P

February 14, 2019

California Department of Conservation
801 K Street, MS 18-01
Sacramento, CA 95814-3528
Attn: Keali'i Bright and David Bunn

RE: Letter of Support for the Resource Conservation District of Tehama County's Forest Health Watershed Coordinator Grant Program Application

The Resource Conservation Districts in the Sacramento Valley have a history of working cooperatively with each other. In the fall of 2018 four Resource Conservation Districts; Colusa, Glenn, Tehama and Western Shasta, signed a Memorandum of Understanding to expand and formalize their existing relationships. The basic premise of the MOU is:

- (a) The four Resource Conservation Districts (RCD) have the common objective of collaborating with willing landowners, government agencies and other organizations to facilitate the conservation or restoration of natural resources.
- (b) Each RCD is independent and retains its own responsibilities, yet recognizes the need to establish a basis for cooperation to achieve common natural resource goals and objectives.
- (c) Each RCD may have the opportunity to participate on a conservation project within its boundaries that would benefit from the skills or knowledge of staff from another RCD.

This document establishes the process through which the RCDs will pursue and execute projects that lie within each others jurisdictional boundaries.

The Department of Conservation's Forest Health Watershed Coordinator program is once again offering financial support that will promote collaborative efforts among local organizations for two years.

Consequently, in developing collaboration among watershed partners, the RCD of Tehama County utilizes its very limited amount of overhead dollars that are generated during grant and fee-for-serve projects, these funds cover very little collaboration and grant development. Through funding provided by the Department of Conservation's Forest Health Watershed Coordinator Grant Program, the RCDTC could continue to expand and develop its planning, collaboration, outreach and project development efforts that will lead to improve habitat and water quality conditions within Tehama, Glenn, Colusa and Shasta counties.

As the Bureau of Land Management (BLM) is a stakeholder within the community, we feel that supporting RCDTC's efforts aligns with the overall mission of the BLM. Furthermore, we will offer our support with the watershed coordinator by providing technical feedback with proposed projects within the jurisdiction of the BLM.

Sincerely,

A handwritten signature in blue ink that reads "Jennifer Mata". The signature is written in a cursive style with a large initial "J" and a stylized "M".

Jennifer Mata, Field Manager

9. Applicant Capacity

The RCDTC has a successful track record of implementing large, complex land management projects. Over the past decade the RCDTC has developed, managed, and successfully implemented a large array of fire management/fuels management, and fire ecology projects within both western and eastern Tehama County. The RCDTC's Project Management team includes District Personnel with more than 40 years of project implementation experience. Its District Manager has 20 years of experience with the RCD, its Accountant 11 years and the two watershed coordinators that will implement this project have 6 and 2 years with the District respectively. Both watershed coordinators have experience with coordinating partnerships, writing grants and implementing forest related projects. In addition, the RCDTC's board of directors is actively involved in managing its finances and project implementation, and the District as a whole follows a rigorous set of internal controls. RCDTC easily meets the standards of a Tier 1 RCD as accepted by the Department of Conservation and is well on its way to being a Tier 2 District.

RCDTC's financial resources can be found in the attached 2018-2019 budget showing a total budget over \$2.5 million with a Net Result of Operations for the year of \$62,686. Our budget has grown each year as we successfully take on more and larger projects. In addition to its sound financial condition, RCDTC also owns equipment that will lend itself to implementation of this grant. The District has two ¾ ton pickup trucks, two chippers, a side by side UTV and a Bobcat to which we plan to add masticator head. The RCD also has built relationships with numerous local county, organization and agency personnel who are always willing to pitch in and assist with project planning and implementation. The RCD also has extensive experience with the DOC Watershed Coordinator program having had a watershed coordinator in each of the rounds of funding from 2001 through the final round of funding that ended in 2015.

Attached are the RCDTC 2018-2019 budget and copies of three recent grant contracts. Letters of support are included under "Collaboration and support letters."

TCRCD

REVISED (1st) APPROVED 1/16/19 Budget 18-19

Fiscal Year: 7/1/18 - 6/30/19

	Total Budget
Revenues	
440300 Interest Revenue	2,500.00
450600 Grants - State	1,839,362.74
450700 Grants - Federal	239,737.25
461060 Services Provided	
461060a Agricultural Services	9,500.00
461060b Education/Workshops	35,958.64
461060c Printing	40.00
461060d Monitoring	2,500.00
461060e Management Services	225,275.52
461060f CEQA Services	0.00
461060g Equipment Rental Income	103,784.19
461060h GIS Services	0.00
461060i Plan Preparation	0.00
Total 461060 Services Provided	377,058.35
466081 Grants - Other	36,060.73
471120 Other Revenue	6,442.78
471120a Donations	15,000.00
471120b Overhead Revenue	177,445.98
Total Revenues	2,693,607.83
Expenditures	
51010 Payroll Expenditures	
51010a District Manager	91,881.33
51010aa Project Coordinator	63,436.41
51010b GIS Coordinator	6,080.57
51010 Cons Tech	31,160.45
51010c Office Assistant	38,779.24
51010cc Project Manager	60,838.95
51010d Lead Irrigation Tech	71,784.18
51010dd Lead Conservation Tech	56,335.06
51010ddd STWEC Tech	53,284.72
51010e Accountant	73,677.31
51010eee Education/Outreach	48,445.26
51010f Intern	9,179.07
51010fff CEQA/Grant Coordinator	27,764.66
51010ffff XXX	0.35
Total 51010 Payroll Expenditures	632,647.58
53100 Agricultural	1,324.31
53100a Field Supplies	14,732.27
53100b Safety/Staff Supplies	2,285.33
53100c Field Equipment Fuel	17,974.15
53120 Communications	13,140.26
53130 Meeting Supplies	1,140.00
53150 Insurance	16,724.35
53170a Repairs - Field	20,000.00
53170b Repairs - Office	11,000.00
53180 Permits/Licenses	1,957.50
53200 Memberships, Dues, Subscripti	5,739.75
53210 Miscellaneous (Contingency)	0.00
53220 Office Supplies	21,028.30
53230 Professional Services	
53230a Construction Contracts	310,200.00
53230b Consultants	1,098,887.94
53230c Services	93,136.00
53230d Legal Fees	5,364.00
53230f XXX	0.00
Total 53230 Professional Services	1,507,587.94
53240 Publications	1,895.00
53250a Rent Field Equip-TCRCD	94,876.00
53250b Rent Field Equip-Outside	675.00
53260 Office/Mtg Room Rental	27,128.14
53270a Small Tools - Field	600.00
53280 Special Expenditures	0.00
53290 Transportation/Travel	
53290a Vehicle Fuel	320.00
53290b Vehicle Maintenance	0.00
53290c Vehicle Use/Mileage	14,173.59
53290d Lodging	5,700.00
53290e Meals	2,800.00
53290f Conferences/Education	6,900.00
53290h Parking/Tolls	700.00
53290 Transportation/Travel - Other	0.00
Total 53290 Transportation/Travel	30,593.59
53300 Utilities	3,663.07
57601 Equipment - Office	8,774.62
57608 Equipment - Field	17,000.00
57650 Overhead Exp	177,376.26
57655 Interest Exp	1,057.62
Total Expenditures	2,630,921.03
Net Results of Operations	62,686.87

RECEIVED JAN 27 2017

State of California
 Dept. of Forestry and Fire Protection (CAL FIRE)
 State Fire Marshal's Office
 GRANT AGREEMENT

APPLICANT: Resource Conservation District of Tehama County
 PROJECT TITLE: Ponderosa Way -Sky Ranch -Canyon View Loop Fuel Treatments
 GRANT AGREEMENT: 5GS16176

PROJECT PERFORMANCE PERIOD IS from Upon Approval through January 30, 2019.
 Under the terms and conditions of this Grant Agreement, the applicant agrees to complete the project as described in the project description, and the State of California, acting through the Dept. of Forestry & Fire Protection, agrees to fund the project up the total state grant amount indicated.

PROJECT DESCRIPTION: Expand, improve and maintainance of in place fuel treatments that once completed will create an 8-mile-long, approximately 300' wide roadside fuel break over an area of approximately 187 private acres of non-industrial lands in Eastern Tehama County.

Total State Grant not to exceed \$ 139,390.00 (or project costs, whichever is less)

*The Special and General Provisions attached are made a part of and incorporated into this Grant Agreement.

Resource Conservation District of Tehama County Applicant	STATE OF CALIFORNIA DEPARTMENT OF FORESTRY AND FIRE PROTECTION
By <u>[Signature]</u> Signature of Authorized Representative	By <u>[Signature]</u>
Title <u>District Manager</u>	Title: <u>STATE FIRE MARSHAL</u>
Date <u>12/22/16</u>	Date <u>1/18/17</u>

CERTIFICATION OF FUNDING

AMOUNT OF ESTIMATE FUNDING \$ 139,390.00	GRANT AGREEMENT NUMBER 5GS16176	FUND Optional Line Item: 3540-001-3063 State Responsibility Area (SRA) Fire Prevention Fund		
ADJ. INCREASING ENCUMBRANCE \$ 0.00	APPROPRIATION General			
ADJ. DECREASING ENCUMBRANCE \$ 0.00	FUNCTION General Fund			
UNENCUMBERED BALANCE \$ 139,390.00	LINE ITEM ALLOTMENT 3540-001-0001	CHAPTER 23	STATUTE 2016	FISCAL YEAR 16/17
T.B.A. NO.	B.R. NO. FY 16/17	INDEX 9212	OBJ. EXPEN D 418	PCA 91004
PROJECT/WORK PHASE VENDOR# 81781-00				

I hereby certify upon my personal knowledge that budgeted funds are available for this encumbrance.

[Signature]
 SIGNATURE OF CAL FIRE ACCOUNTING OFFICER

1/24/17
 DATE

State of California
 Dept. of Forestry and Fire Protection (CAL FIRE)
 State Fire Marshal's Office
 GRANT AGREEMENT

APPLICANT: Resource Conservation District of Tehama County
 PROJECT TITLE: Hazen C-Line Fuel Break
 GRANT AGREEMENT: 5GS14101

PROJECT PERFORMANCE PERIOD IS from Upon Approval through March 15, 2017
 Under the terms and conditions of this Grant Agreement, the applicant agrees to complete the project as described in the project description, and the State of California, acting through the Dept. of Forestry & Fire Protection, agrees to fund the project up the total state grant amount indicated.

PROJECT DESCRIPTION: Reduce hazardous fuel profiles within the Wildland/Urban Interface Zone of the Manton community and the surrounding communities to both the east and west to improve fire protection to existing timber stands and forest lands through the cutting of brush and thinning and removing trees in order to improve spacing of desired trees and decrease unnatural levels of ladder fuels.

Total State Grant not to exceed \$ **95,549.00** (or project costs, whichever is less)

*The Special and General Provisions attached are made a part of and incorporated into this Grant Agreement.

Resource Conservation District of Tehama
 County
 Applicant

STATE OF CALIFORNIA
 DEPARTMENT OF FORESTRY
 AND FIRE PROTECTION

By Vicky Dewey
 Signature of Authorized Representative
 Title District Manager
 Date 4/8/2015

By Tonya Hoover
 Title: Tonya Hoover, State Fire Marshal
 Date 4/29/2015

CERTIFICATION OF FUNDING

AMOUNT OF ESTIMATE FUNDING \$ 95,549.00		GRANT AGREEMENT NUMBER 5GS14101		FUND Optional Line Item: 3540-001-3063 State Responsibility Area (SRA) Fire Prevention Fund	
ADJ. INCREASING ENCUMBRANCE \$ 0.00		APPROPRIATION General			
ADJ. DECREASING ENCUMBRANCE \$ 0.00		FUNCTION General Fund			
UNENCUMBERED BALANCE \$ 95,549.00		LINE ITEM ALLOTMENT 3540-001-0001	CHAPTER 25	STATUTE 2014	FISCAL YEAR 14/15
T.B.A. NO.	B.R. NO. FY 14/15	INDEX 9212	OBJ. EXPEN D 418	PCA 91004	PROJECT/WORK PHASE VENDOR# 081781-00

I hereby certify upon my personal knowledge that budgeted funds are available for this encumbrance.

Linda Rodriguez
 SIGNATURE OF CAL FIRE ACCOUNTING OFFICER

5/1/15
 DATE

CALIFORNIA'S NONPOINT SOURCE POLLUTION CONTROL PROGRAM
 TIMBER REGULATION AND FOREST RESTORATION PROGRAM
 GRANT AGREEMENT
 BETWEEN THE
 STATE WATER RESOURCES CONTROL BOARD, hereinafter called "State" or "State Water Board"
 AND
 Resource Conservation District of Tehama County, hereinafter called "Grantee"

Ponderosa Way Road Assessment and Sediment Reduction Plan, hereinafter called "Project"

AGREEMENT NO. D1513503

State and Grantee hereby agree as follows:

PROVISION(S). The following provision(s) authorize the State Water Board to enter into this type of Grant Agreement:

Timber Fund – Public Resources Code sec. 4629 et seq.

PURPOSE. State shall provide a grant to and for the benefit of Grantee for the purpose of preparing an Action Plan to reduce sedimentation from two (2) miles of Ponderosa Way and another five (5) miles of roads upslope and/or downslope of Ponderosa Way within the Battle Creek watershed, implementing one implementation project to reduce sediment inputs to Battle Creek, and preparing a CEQA document for future road fixes.

FUNDING. Funds for this Project were provided by the Timber Regulation and Forest Restoration Fund.

GRANT AMOUNT. The maximum amount payable under this Agreement shall not exceed \$300,000. Stream Reach affected by the Project for any monitoring must be identified prior to any disbursements.

TERM OF AGREEMENT. The term of the Agreement shall begin on JUNE 1, 2016 and continue through MAY 31, 2025, unless otherwise terminated or amended as provided in the Agreement. HOWEVER, ALL WORK SHALL BE COMPLETED BY APRIL 30, 2018. ABSOLUTELY NO FUNDS MAY BE REQUESTED AFTER MAY 31, 2018.

PROJECT REPRESENTATIVES. The Project Representatives during the term of this Agreement will be:

State Water Board	Grantee: Resource Conservation District of Tehama County
Name: Bethany Soto, Grant Manager	Name: Tom McCubbins, Project Director
Address: 1685 E Street,	Address: 2 Sutter Street, Suite D
City, Zip: Fresno, CA 93706	City, Zip: Red Bluff, CA 96080
Phone: (559) 445-6077	Phone: (530) 200-1231
e-mail: Bethany.Soto@waterboards.ca.gov	e-mail: Tom@tehamacountyrcd.org

Direct all inquiries to:

State Water Board	Grantee: Resource Conservation District of Tehama County
Section: Division of Financial Assistance	Section: Ponderosa Way Road Assessment & Sediment Reduction Plan
Attention: Andrew Hoekstra, Program Analyst	Name: Tom McCubbins, Grant Contact
Address: 1001 I Street, 17 th Floor	Address: 2 Sutter Street, Suite D
City, Zip: Sacramento, CA 95814	City, Zip: Red Bluff, CA 96080
Phone: (916) 319-9167	Phone: (530) 200-1231
e-mail: Andrew.Hoekstra@waterboards.ca.gov	e-mail: Tom@tehamacountyrcd.org

Either party may change its Project Representative upon written notice to the other party.

STANDARD PROVISIONS. The following exhibits are attached and made a part of this Agreement by this reference:

- Exhibit A SCOPE OF WORK - WORK TO BE PERFORMED BY THE GRANTEE
- Exhibit B INVOICING, BUDGET DETAIL AND REPORTING PROVISIONS
- Exhibit C GENERAL TERMS & CONDITIONS
- Exhibit D SPECIAL CONDITIONS

GRANTEE REPRESENTATIONS. The Grantee accepts and agrees to comply with all terms, provisions, conditions, and commitments of this Agreement, including all incorporated documents, and to fulfill all assurances, declarations, representations, and commitments made by the Grantee in its application, accompanying documents, and communications filed in support of its request for grant funding. The Grantee shall comply with and require its contractors and subcontractors to comply with all applicable laws, policies and regulations.

IN WITNESS THEREOF, the parties have executed this Agreement on the dates set forth below.

By: Vicky Dawley
Grantee Signature

Vicky Dawley
Grantee Typed/Printed Name

District Manager
Title

6/22/16
Date

By: Darrin Polhemus
Darrin Polhemus, Deputy Director
State Water Resources Control Board,
Division of Financial Assistance


6/29/2016
Date

Reviewed by: AK
Office of Chief Counsel
Date: 6/29/16

PAYEE DATA RECORD

(Required when receiving payment from the State of California in lieu of IRS W-9 or W-7)

STD 204 (Rev. 5/2018)

1	<p>INSTRUCTIONS: Type or print the information. Complete all information on this form. Sign, date, and return to the state agency (department/office) address shown in Box 6. Prompt return of this fully completed form will prevent delays when processing payments.</p> <p>Information provided in this form will be used by California state agencies to prepare Information Returns (Form1099). See next page for more information and Privacy Statement.</p> <p>NOTE: Governmental entities, i.e. federal, state, and local (including school districts), are not required to submit this form.</p>						
2	<p>BUSINESS NAME <i>(As shown on your income tax return)</i> Resource Conservation District of Tehama County</p>						
<p>SOLE PROPRIETOR, SINGLE MEMBER LLC, INDIVIDUAL <i>(Name as shown on SSN or ITIN) Last, First, MI</i></p>					<p>E-MAIL ADDRESS tcrd@tehamacountyrcd.org.</p>		
<p>MAILING ADDRESS 2 Sutter Street Suite D</p>			<p>BUSINESS ADDRESS same as mailing address</p>				
<p>CITY Red Bluff</p>		<p>STATE CA</p>	<p>ZIP CODE 96080</p>	<p>CITY Red Bluff</p>		<p>STATE CA</p>	<p>ZIP CODE 96080</p>
3	<p>ENTER FEDERAL EMPLOYER IDENTIFICATION NUMBER (FEIN): 6 8 0 1 4 2 2 9 2</p>						
<p>PAYEE ENTITY TYPE</p> <p>CHECK ONE BOX ONLY</p>	<p><input type="checkbox"/> PARTNERSHIP</p> <p><input type="checkbox"/> ESTATE OR TRUST</p> <p>CORPORATION:</p> <p><input type="radio"/> MEDICAL <i>(e.g., dentistry, psychotherapy, chiropractic, etc.)</i></p> <p><input type="radio"/> LEGAL <i>(e.g., attorney services)</i></p> <p><input type="radio"/> EXEMPT <i>(nonprofit)</i></p> <p><input type="radio"/> ALL OTHERS</p>					<p>NOTE: Payment will not be processed without an accompanying taxpayer identification number.</p>	
<p><input type="checkbox"/> SOLE PROPRIETOR, INDIVIDUAL, OR SINGLE MEMBER LLC <i>(Disregarded Entity)</i></p>		<p>ENTER SSN OR ITIN: </p> <p><small>Social Security Number (SSN) or Individual Taxpayer Identification Number (ITIN) are required by authority of California Revenue and Tax Code sections 18646 and 18661)</small></p>					
4	<p><input type="checkbox"/> CALIFORNIA RESIDENT - Qualified to do business in California or maintains a permanent place of business in California.</p> <p><input type="checkbox"/> CALIFORNIA NON RESIDENT <i>(see next page for more information)</i> - Payments to nonresidents for services may be subject to state income tax withholding.</p> <p><input type="radio"/> No services performed in California.</p> <p><input type="radio"/> Copy of Franchise Tax Board waiver of state withholding attached.</p>						
5	<p>I hereby certify under penalty of perjury that the information provided on this document is true and correct. Should my residency status change, I will promptly notify the state agency below.</p>						
<p>AUTHORIZED PAYEE REPRESENTATIVE'S NAME <i>(Type or Print)</i> Vicky Dawley</p>			<p>TITLE District Manager</p>		<p>TELEPHONE <i>(include area code)</i> 530-737-5191</p>		
<p>SIGNATURE </p>			<p>DATE 12/19/18</p>		<p>E-MAIL ADDRESS vicky@tehamacountyrcd.org</p>		
6	<p>Please return completed form to:</p>						
<p>DEPARTMENT/OFFICE</p>			<p>UNIT/SECTION</p>				
<p>MAILING ADDRESS</p>			<p>TELEPHONE <i>(include area code)</i></p>		<p>FAX</p>		
<p>CITY</p>		<p>STATE</p>	<p>ZIP CODE</p>	<p>E-MAIL ADDRESS</p>			



State of California – Natural Resources Agency
DEPARTMENT OF FISH AND WILDLIFE
Northern Region
601 Locust Street
Redding, CA 96001
www.wildlife.ca.gov

GAVIN NEWSOM, Governor
CHARLTON H. BONHAM, Director



February 11, 2019

David Bunn, Director
California Department of Conservation
801 K Street, MS 14-15
Sacramento, CA 95814

Dear Mr. Bunn:

**Subject: Letter of Support, Resource Conservation District of Tehama County,
Department of Conservation Forest Health Watershed Coordinator
Program**

The California Department of Fish and Wildlife (Department) is responsible for managing the State's fish, wildlife, and botanical species, and the habitats upon which they depend for their ecological values and for their use and enjoyment by the public. For over two decades, the Department has been a technical advisor to the Resource Conservation District of Tehama County (RCDT) for watershed restoration projects that benefit fish, wildlife, and botanical resources. The Department supports the Forest Health Watershed Coordinator Program position proposed by RCDTC. Work completed by the Watershed Coordinator will improve watershed health within Tehama County.

The watersheds of Mill, Deer, and Butte creeks lie within the Sierra Nevada and Cascade zones where the Watershed Coordinator will focus efforts. These watersheds include independent populations of spring-run Chinook Salmon (*Oncorhynchus tshawytscha*), a species listed as threatened under both the State and federal Endangered Species Acts. This position, if funded through your program, will benefit these watersheds by enhancing and expanding efforts to promote watershed health.


The RCDTC has a previous track record of working to improve the health of watersheds in Tehama County with a variety of partners and is actively seeking funding to continue and expand this record. They have successfully performed watershed coordination in the past and have worked cooperatively and successfully with the Department and other resource partners including U.S. Fish and Wildlife Service, Natural Resource Conservation Service, State Water Resources Control Board, and National Marine Fisheries Service.

Conserving California's Wildlife Since 1870

David Bunn, Director
California Department of Conservation
February 11, 2019
Page 2

Thank you for considering this request from the RCDTC and its partners. We look forward to continuing collaborative work with them to help ecosystem restoration, environmental education, and watershed stewardship efforts within our areas of influence and responsibility. Should you have further questions, please contact Staff Environmental Scientist Patricia Bratcher at (530) 225-3845, or Patricia.Bratcher@wildlife.ca.gov.

Sincerely,



Jason Roberts
Inland Fisheries Program Manager

ec: David Bunn, Director
California Department of Conservation
david.bunn@conservation.ca.gov

Vicky Dawley, Jon Barrett
Resource Conservation District of Tehama County
vicky@tehamacountryrcd.org, jon@tehamacountryrcd.org

Patricia Bratcher, Jason Roberts, Michael Harris, Joe Croteau, Curt Babcock
California Department of Fish and Wildlife
Patricia.Bratcher@wildlife.ca.gov, Jason.Roberts@wildlife.ca.gov,
Michael.R.Harris@wildlife.ca.gov, Joe.Croteau@wildlife.ca.gov,
Curt.Babcock@wildlife.ca.gov