

# 2018 Forest Health Watershed Coordinator Program

## Grant Application

This is the Application form only for 2018 Watershed Coordinator Program grants under the 2018 Forest Health Watershed Coordinator Program Guidelines (Guidelines). The Guidelines detail the background and requirements to apply for funding under the program.

Applicants should familiarize themselves with the Guidelines prior to completing this Grant Application and refer to it for important dates and questions regarding the content of their submission.

Please use the Grant Application Checklist to ensure that all necessary materials are submitted to facilitate prompt application review. Prior to the application deadline, interested applicants may contact staff with questions.

Please prepare all materials using an easy-to-read font. When complete, please submit a digital version via email to the Department of Conservation [wcp@conservation.ca.gov](mailto:wcp@conservation.ca.gov).

You will receive acknowledgement upon the receipt of the application via email.

## WHAT TO SUBMIT &amp; CHECKLIST FOR WATERSHED COORDINATOR PROGRAM GRANT APPLICATION

The grant application package is composed of a Checklist, Cover Sheet, two narratives—an Executive Summary and Application Questions response--a Work Plan, Budget, and Supporting Documents. Materials should be presented in the order indicated below in the checklist. Clearly number and label each item, and number all pages in sequential order.

Please do not submit additional materials that have not been specifically requested (e.g., press clippings or brochures) as they will not be considered during the evaluation.

**ALL GRANT APPLICATIONS MUST INCLUDE THE FOLLOWING:**

Please indicate with a mark that these items are included in your application.

X	Completed Checklist for Watershed Coordinator Program Grant Application ( <i>this document</i> )
X	1. Completed Cover Sheet
X	2. Executive Summary (1-page maximum)
X	3. Application Questions (8-page maximum)
X	4. Work Plan (3-page maximum)
X	5. Budget
X	6. Map(s)
X	7. Signed Authorizing Resolution from Governing Bodies
X	8. Collaboration and Support Letters
X	9. Proof of Applicant Capacity
X	10. Payee Data Record (STD 204)

## 1. Application Cover Sheet for Watershed Coordinator Program grants

Project Title	
Location (County and/or City)	Siskiyou County
District Number(s):	Senate: 1
	Assembly: 1
Watershed Coordinator Zone	Sierra Nevada & East Side
Target Watershed(s) (HUC 10 and/or HUC 8)	18020003, 18020004, 18020005, 18010205, 18010207
Grant Request Amount	\$191,659
Watershed Coordinator Costs	\$175,086
Administrative Costs	\$16,573
Applicant Information	
Applicant Name	Shasta Valley Resource Conservation District
Organization Type	Governmental (Special District)
Department/Office	
Federal Employer ID Number	94-2896846
Mailing Address	215 Executive Court, Suite A
	Yreka CA 96097
Contact Person	Edward Stanton
Title	District Administrator
Phone Number	530.572.3120
Email Address	estanton@svrcd.org

## 2. EXECUTIVE SUMMARY

Shasta Valley Resource Conservation District (SVRCD) is a special district in Siskiyou County. SVRCD's mission is to collaborate with landowners to enhance the protection, management and sustainable use of natural resources to ensure the long-term economic viability of the community. Within the district boundary are some of California's most important source watersheds and iconic mountains. The watersheds are primarily forested with montane meadows interspersed, situated where the Cascade Range overlays the Klamath Mountains. The largest meadows (Shasta Valley and Butte Valley) are important for the production of both cattle and salmonids, a system dependent on glacial and snowmelt from Mt. Shasta percolating through volcanic rock. The forested areas alternate between public and private lands, with Shasta-Trinity National Forest (NF), Klamath NF, and Bureau of Land Management the major public landowners. Private lands include large commercial timberlands, tree farms and woodlots with rotational harvests, cattle ranches with allotments on national forest, rural residential parcels with no commercially harvested timber, and urban parcels with high risk landscaping. People in the region have always been dependent on these forest resources, but the forest management industry has struggled in recent decades, causing loss of infrastructure and skilled human capital. As a result, 100% of the State Responsibility Area and a majority of Local Responsibility Area within the district are classified Very High Fire Severity Zone, and the region lacks adequate local capacity to address the risks. SVRCD proposes to serve as the Mount Shasta Region Watershed Coordinator, including the forested portions of Pit River (HUC 18020003), McCloud River (HUC 18020004), Upper Sacramento River (HUC 18020005), Butte Creek (HUC 180102005) and Shasta River (HUC 18010207). Mount Shasta (14,180') is the dominant geologic and hydrologic feature in the proposal area. The south slopes drain to Shasta Reservoir (1,067'), the largest reservoir in the Central Valley Project. The north slopes drain to the Klamath River through Shasta Valley and Butte Valley, and these waters are important for domestic use, agriculture, salmon, and Tribal interests throughout Northwestern California. It is critical to the state that the ecosystem services provided by these Cascadian forests be protected, maintained, and enhanced. With the rights granted to SVRCD as a subdivision of the state, we request the support necessary to establish SVRCD as a regional coordinator of diverse stakeholders to ensure the forests are managed to sustain their health, resilience, and long-term benefit to local communities and the state's dynamic economy. Goals of the state Forest Carbon Plan to be priorities of the Mount Shasta Region Watershed Coordinator include (1) expansion and improvement of forest management to enhance ecosystem health and resilience, (2) improvements to the health and resilience of forestlands across public and private ownerships, (3) restoration of wildfire- and pest-impacted areas, (4) goals in sustainable commercial timber harvesting operations, (5) restoration of mountain meadow habitat, (6) reduction of conversion to non-forest uses, (7) creation of capacity for collaborative planning and implementation at the landscape and watershed level, and (8) protection and management of forests. In addition, SVRCD will seek participation from a diverse stakeholder group of public, private and non-profit partners to develop a Watershed Improvement Plan that will serve as SVRCD's Forest Health Initiative Strategic Plan. The plan and lessons learned from the collaboration will be used to leverage this grant to attract additional investments to northwestern California that will support regional watershed stewardship.

### 3. APPLICATION QUESTIONS

#### **Demonstrated need (20 Points)**

##### I. Current Watershed Conditions/Potential Benefit to the Watershed

The Klamath-Cascade region is mountainous and forested by ponderosa pine, white fir, red fir, and lodgepole pine. Mixed ponderosa pine, Douglas fir, and white fir forests occur at elevations below approximately 5,600 feet. Canyon live oak dominates the canyons at mid to low elevations. At the highest elevations, lodgepole pine, white fir, and red fir are dominant, and whitebark pine appears in the alpine zone. Wildlife in the proposal area include such sensitive species as the Northern spotted owl, Northern goshawk, bank swallow, gray wolf, Pacific fisher, McCloud River redband trout, Shasta salamander, mountain yellow-legged frog, and Cascades frog. Several species of salmon and other at-risk fish species depend on these watersheds. Within the watersheds, large areas of national forest are managed as Late Successional Reserve, and the upper elevations are in Shasta Wilderness. In addition, more than 30,000 acres of commercial timberland in the watersheds are conserved by conservation easements. Fire has been an ecological force of disturbance in these forest systems for at least 9,000 years, (Mohr et al. 2000). Reported fire return intervals in the region range from a high of 140 years in coastal-slope Douglas-fir/mixed conifer forests (van Norman 1998) to 8 years or less in the Rogue River Basin (Metlen et al. 2018). Fire frequency generally increases from west to east and from higher to lower elevations (Atzet and Wheeler 1982). Today the region is considered to be at high risk of wildfire and drought-induced tree mortality, particularly from bark beetle outbreaks, as a national priority (<https://www.forestsandrangelands.gov/documents/strategy/reports/phase3/WesternRegionalRiskAnalysisReportNov2012.pdf>) and from a state perspective (<http://cdfdata.fire.ca.gov/pub/fireplan/fpupload/fpppdf1614.pdf>, [http://www.fire.ca.gov/treetaskforce/downloads/TMTFMaterials/Tier1\\_Tier2\\_HighHazardZones\\_Statewide\\_2018\\_85x11.pdf](http://www.fire.ca.gov/treetaskforce/downloads/TMTFMaterials/Tier1_Tier2_HighHazardZones_Statewide_2018_85x11.pdf)). The Haystack Fire burned 14,500 acres in 1955. The Upper Sacramento, McCloud and Pit River watersheds were burned in 2018 by the Carr, Hirtz and Delta Fires, and post-fire restoration is active in those fire perimeters. Another lethal 2018 wildfire, the Klamathon Fire, impacted the Klamath River watershed immediately outside the proposed project boundary.

Mt. Shasta area is an attraction for out-of-region immigration. The rural region with its nature-based activities attracts people from around the country and the world, and this causes conversion to non-forest uses of higher density populations reaching deeper into the forests. Subdivisions are scattered throughout the forest, often with restricted access that presents additional risks.

The region follows the volcanic footprint of the Cascade Range at its contact zone with the Klamath Mountains, from the low elevation shrub zone (ca. 2,000') to the boundary of Shasta Wilderness (ca. 10,000'). Bordering the project area to the east is Modoc Plateau. The mountains are at the divide between the Klamath River drainage (Butte Creek and Shasta River watersheds) and the Sacramento River drainage (Pit River, McCloud River, Upper Sacramento River) and are critical sources of water for both river systems. Annual precipitation averages 50-90" on the south slopes of Mt. Shasta, to 9-10" near the Oregon border in the rain shadow of the Klamath and Siskiyou Mountains.

Upper Sacramento River Watershed is approximately 600 square miles in area, with Mount Shasta (14,180') at the highest elevation, flowing southward to Shasta Reservoir (1,067 feet), bounded on the west by the Trinity Mountains and the east by McCloud River Watershed. The monthly mean flow of the Upper Sacramento River into Shasta Reservoir is 1,198 cfs. McCloud River Watershed is approximately 800 square miles. The headwaters are on the east and southeast slopes of Mount Shasta. The McCloud River is fed by numerous springs along its length. The watershed is bounded on the west by the Upper Sacramento River watershed, and on the west and south by the Pit River watershed that also flows to

Shasta Reservoir. The McCloud-Pit Hydropower Project partially diverts the McCloud River into the Pit River. An average monthly flow of 791 cfs enters Shasta Reservoir from the McCloud River. Shasta River receives the majority of its flow from springs that originate from above treeline on Mount Shasta (Peters et al. 2017), and these cold, reliable water sources are important for agriculture and salmon spawning. The streams and rivers on the south slopes of Mount Shasta were also important salmonid production waters prior to construction of Shasta Dam. Concern has been raised that a warming climate that causes treeline to rise on Mt. Shasta will result in a diminished groundwater resupply in Shasta Valley and Butte Valley (Peters et al. 2017). Butte Creek and Pit River watersheds are mostly outside the project area, in Modoc County, but portion of their headwaters are within the proposed project area. These watersheds are among the most distant from SVRCD's office, and the funding will enable us to learn more about the needs of our constituents in eastern Siskiyou County.

The proposal is consistent with SVRCD's Long-Range Plan (2017-2022), which includes the objective of assisting private timberland owners with natural resource management planning that has positive impacts on water quality. SVRCD assists community groups and agencies with relevant natural resource issues by providing technical support. SVRCD's Long-Range Plan recognizes the importance of timberlands and the timber industry and provides a focus on projects that improve forest health and fire resilience. The Long-Range Plan also establishes a goal to become more engaged with other public service organizations and the public to enhance or develop partnerships and foster community support for projects. As Watershed Coordinator, SVRCD will quickly be able to extend its Klamath River Basin (North Coast) relationships east across Shasta Valley into Klamath National Forest's Gooseneck District, and southward to initiate a similar partnership with Shasta-Trinity National Forest. As the Watershed Coordinator, SVRCD will also prioritize building sustainable, local capacity.

Goals of the state Forest Carbon Plan to be addressed by the project include development of a forest improvement plan that will guide (1) expansion and improvement of forest management to enhance ecosystem health and resilience, (2) improvements to the health and resilience of forestlands across public and private ownerships, (3) restoration of wildfire- and pest-impacted areas, (4) goals in sustainable commercial timber harvesting operations, (5) restoration of mountain meadow habitat, (6) reduction of conversion to non-forest uses, (7) creation of capacity for collaborative planning and implementation at the landscape and watershed level, and (8) protection and management of forests in the region's urbanized communities along major transportation corridors.

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

#### **II. List the overall goal(s) that the watershed coordinator will focus on during the grant period.**

The overall outcome will be contributions to the three primary objectives of the Forest Carbon Plan. The project will directly and indirectly lead to the (1) prioritization, planning and implementation of forested watershed resilience projects, (2) reduced conversion to non-forest uses, and (3) expansion of regional capacity to utilize the large volume of cellulosic materials that need to be extracted from forests in the Klamath-Cascade Region and Northern Sierra Nevada (and Southern Oregon) in the next decade. The ultimate outcome of the proposed Watershed Coordinator project will be a pipeline of projects that SVRCD and its local partners will implement over the 5-10 years following the term of this grant. These broad objectives will be accomplished by targeting the following goals.

Goal 1: Develop a Long-Term Watershed Improvement Plan for Mount Shasta Region Watersheds to improve the health of forests on private and federal lands for the multiple benefits forests provide to regional watersheds. This plan will serve as SVRCD's long-range strategic plan for its Forest Health Initiative. This outcome is precisely aligned with *Goal 3.1* of the Forest Carbon Plan (*Expand and Improve Forest Management to Enhance Forest Health and Resilience*). The goal is intended to enhance the regional approach to managing forests, and to integrate practices on a landscape scale across land

ownership (*Goal 3.1.1 Improve Health and Resilience on Private and State/Local Public Forestland and 3.1.2 Improve Health and Resilience on Federal Forestlands*) by establishing goals and priorities through a locally-driven and collaborative process. Significant weight in the Plan will address the volume of wood materials (*Goal 3.3 Innovate Solutions for Wood Products and Biomass Utilization to Support Ongoing Forest Management Activities*), large and small, to be extracted from forests in the region because it is both a logistical challenge and an economic challenge for the community.

Goal 2: Establish a local, collaborative conduit for communication and information sharing among local forest management stakeholders in the Mount Shasta Region to ensure the community can adapt and thrive. The Watershed Coordinator will bring together a core group of stakeholders with diverse perspectives on regional forest issues to meet regularly, during and after the term of this grant, to share information, seek assistance, and locally oversee an adaptive management plan for regional forest stewardship (*Goal 3.4 Collaborative Planning and Implementation at the Landscape or Watershed Level*). The outcome during the grant term will be the Watershed Improvement Plan described above under Goal 1, therefore Goal 2 contributes to the same Forest Carbon Plan goals as above. The forum will also result in a ranked-priority list of watershed-scale forest improvement projects and community engagement exercises that will advance the goals of the Watershed Improvement Plan and the Forest Carbon Plan, and that outcome will support Goal 3, described below.

Goal 3: Leverage additional public and private funds to invest in Mount Shasta Region forests to meet the objectives of the Forest Carbon Plan and Mount Shasta Region Watershed Improvement Plan. The working group and development of a watershed improvement plan as described above will result in a list of feasible projects that can have high impact on a watershed scale. From this list will be selected three high priority projects that SVRCD can manage or facilitate. The Mount Shasta Region Watershed Coordinator will prepare and submit proposals to raise funds for planning and implementation of these three projects. One project from each of three categories will be selected for this, including one forest or mountain meadow restoration project (*3.1.3 Restore Ecosystem Health of Wildfire- and Pest-Impacted Areas through Reforestation or 3.1.5 Restore Mountain Meadow Habitat*), one fuels management project at the wildland-urban interface (*3.1.1 Improve Health and Resilience on Private Lands and 3.5 Protect Urban Forests*), and one project that boosts the capacity of at least one small, capacity-limited, local non-profit or special district (*Goal 3.4 Collaborative Planning and Implementation at the Landscape or Watershed Level*).

Goal 4: Expand the capacity of local organizations to sustainably manage the region's forest resources.

(*Goal 3.4 Collaborative Planning and Implementation at the Landscape or Watershed Level*) SVRCD recognizes the need to create additional local capacity outside our organization to meet the breadth of management needs in the region's forests. As described above, SVRCD will leverage this grant and SVRCD's own capacity to raise funds to support one project with a capacity-limited organization. In addition, SVRCD will collaborate with other Resource Conservation Districts in Northern California to find innovative solutions that are not burdened by jurisdictional boundaries.

## **TASKS**

### Goal 1: Develop a Watershed Improvement Plan

*Task 1:* Synthesize the available literature and institutional knowledge to describe the past, current, and desired condition of forests in the Southern Cascade Range.

The Watershed Coordinator will review and synthesize the literature and local knowledge of forests, geology, wood products economy, and climate projections to use as a scientific basis for the Watershed Improvement Plan.

*Sub-Task 1.1:* The Watershed Coordinator will conduct a literature review and will synthesize into a Watershed Improvement Plan.

Performance measures: A narrative, bibliography and a set of maps and spatial data tables that describe the past, current and future desired condition of the watersheds in the project area.

*Task 2:* List and priority-rank watershed-scale forest health improvement projects to plan and implement in the Mount Shasta Region that will advance the forests toward the desired condition determined in Task 1. The combination of Task 1 and Task 2 constitutes the Watershed Improvement Plan which SVRCD will adopt as its Strategic Plan to guide its Forest Health Initiative.

*Sub-Task 2.1:* Develop a list of regional forest health improvement projects that are feasible to implement in the next 5-10 years.

Performance measure: A copy of an executed Resolution from SVRCD Board of Directors adopting the Forest Health Improvement Plan as the district's long-range Forest Health Initiative Strategic Plan.

### Goal 2: Establish a stakeholder working group

*Task 3:* Organize a working group of local stakeholders and expertise to meet regularly to develop forest watershed priorities and a list of tentative projects.

*Sub-Task 3.1:* The Watershed Coordinator will participate in training opportunities provided by the Department of Conservation.

Performance measure: Attendance, participation, and networking.

*Sub-Task 3.2:* The Watershed Coordinator will assemble a working group of 10-15 local partners with forest and watershed health interests.

Performance measure: A quarterly report detailing the agenda and assessment of progress toward completing the Watershed Improvement Plan.

*Sub-Task 3.3:* The Mount Shasta Region Watershed Coordinator will obtain input from 250 or more stakeholders that are not part of the working group.

Performance measure: Quarterly reports detailing community outreach efforts and how they advanced the preparation of the Watershed Implementation Plan.

*Sub-Task 3.4:* The Watershed Coordinator will collaborate with other Watershed Coordinators funded under this grant program and Cal Fire regional forest task forces.

Performance measure: Incorporation into the Watershed Improvement Plan of extra-regional collaboration goals for watersheds that extend beyond SVRCD's boundaries.

### Goal 3: Leverage additional funds

*Task 4:* Develop one forest and/or mountain meadow habitat enhancement project, and prepare 2 or more grant proposals for financial and/or technical support to plan and implement the project.

*Sub-Task 4.1:* The Watershed Coordinator will develop and prioritize a list of projects and practices that SVRCD or partners can implement as part of the Watershed Improvement Plan. From that list, SVRCD and the working group will select one high priority forest habitat and/or mountain meadow restoration project to implement.

*Sub-Task 4.2:* The Watershed Coordinator will plan the project to a point where grant proposals can be prepared and submitted to raise the funds needed.

Performance measure: The ultimate outcome will be enhancement of ecosystem services

*Task 5:* Develop one forest fuels treatment project that benefits the wildland-urban interface between Dunsmuir and Weed and/or Mount Shasta and McCloud, and prepare 2 or more grant proposals for financial and/or technical support to plan and implement the project.

*Sub-Task 5.1:* The Watershed Coordinator will develop and prioritize a list of projects and practices that SVRCD or partners can implement as part of the Watershed Improvement Plan. From that list, SVRCD and the working group will select one high priority forest fuels reduction project that benefits the region's urbanized communities.

*Sub-Task 5.2:* The Watershed Coordinator will plan the project to a point where grant proposals can be prepared and submitted to raise the funds needed.

Performance measure: The ultimate outcome will be fire risk reduction on >5,000 acres of forest within zip codes containing a cumulative total population of 20,000 residents of Disadvantaged Communities.

*Task 6:* Develop one forest health project with a small, capacity-limited non-profit or special district partner, and prepare grant one or more grant proposals for financial and/or technical support to plan and implement the project.

The Watershed Coordinator will select a high priority forest health project that boosts the capacity of the partner entity to contribute to long-term regional forest health.

*Sub-Task 6.1:* The Watershed Coordinator and working group will select one high priority forest health project that boosts the capacity of a local partner entity will be selected.

*Sub-Task 6.2:* The Watershed Coordinator will plan the project to a point where grant proposals can be prepared and submitted to raise the funds needed. T

Performance measure: At least \$250,000 of financial support or in-kind technical support is provided to one local forest health stakeholder.

#### Goal 4: Expand regional capacity

*Task 7:* Enter into one or more formal agreements with one or more non-profit or public partners to mutually support and expand capacity to meet regional forest health stewardship goals.

In addition to the cooperative implementation project and preparation of grant proposals described above, SVRCD will negotiate and execute at least one new formal partnership agreement with a local tribal, non-profit or a regional public entity. The purpose of the agreement will be to share responsibilities for some aspect of forest health improvement for the Mount Shasta region's watersheds.

*Sub-Task 7.1:* In addition to the cooperative implementation project and preparation of grant proposals described above, SVRCD will negotiate and execute at least one new formal partnership agreement with a local tribal, non-profit organization or a regional public entity. The purpose of the agreement will be to share responsibilities for some aspect of forest health improvement for the Mount Shasta region watersheds.

Performance measure: Copy of an executed agreement that demonstrates collaborative and shared roles in managing forested watershed interests in the Klamath-Cascades region.

### **Collaboration (25 Points)**

#### **III. Describe any existing partnerships that will be leveraged to meet the goals identified above.**

##### Goal 1: Develop a Long-Term Watershed Improvement Plan

For the past 25 years, SVRCD primarily focused on valley floor issues in the Shasta River watershed where agriculture and salmon share water resources. With the success of the watershed-scale approach on Shasta Valley floor, diminishing opportunities for significant water quality benefits to be accomplished on the valley floor, and an increasing demand from constituents to assist properties away from the river, SVRCD has been moving upslope to take water quality and volume improvement actions. SVRCD is also working with Siskiyou County and state Department of Water Resources to develop a Sustainable Groundwater Management Plan for the Shasta Valley Basin, and the basin's relationship to water sources in the forested parts of the watershed is a frequent topic of discussion, including whether thinning forests upslope will increase stream flows or groundwater recharge, or whether beaver dam analogs can be constructed upslope to improve stream flows and reduce water temperature where salmon spawn and rear.

##### Goal 2: Establish a local Forest Health working group

To assist SVRCD in developing its Forest Health Initiative Strategic Plan, a working group will be created to hold regular meetings through the term of the grant and beyond. During the term of the grant, the working group will be consulted as SVRCD develops its forest strategy, and later the same working group will help SVRCD assess its progress and need to periodically update the plan.

Goal 3: Leverage forest health investments

SVRCD's participation in the Craggy Project on Klamath National Forest will be leveraged to expand the partnership beyond Craggy Project. The Craggy Project will be partially supporting the two staff positions identified in the proposal. Expansion of the services that develop out of the agreement with Cal Fire will likely support one full-time equivalent by the time the Coordinator grant term expires, and that is one full-time staff person that does not exist today. Therefore, the Craggy Project and grant from the Department will have the immediate effect of increasing local capacity by one full-time forest-health practitioner. With the same SVRCD serving as Watershed Coordinator and lead on the partnership with Cal Fire and Klamath NF, both projects will benefit from the additional capacity and expanded relationships offered by the Coordinator grant.

SVRCD is able to leverage other existing funding in the Shasta River watershed to advance the goals established in this proposal. The district's annual budget in recent years typically ranges between \$1 million and \$2 million, and several current grant agreement deliverables include support for forestry tasks. For example, a grant from State Water Board for addressing Total Maximum Daily Load requirements in Shasta River includes support for preparing grant proposals to benefit the water quality ecosystem services provided by forests, and that grant is partially funding SVRCD's time to prepare this grant proposal. SVRCD has two other grants with forestry funding for Shasta watershed that are being applied to this grant proposal preparation. SVRCD has outstanding requests for public funding exceeding \$4 million for Klamath watershed projects but directly applicable to the goals and objectives described in this proposal. SVRCD has several projects in the Upper Sacramento River and McCloud River watersheds in the early planning stages, and the effort already placed into building community and agency support for the projects are expected to result in funding and political support for the goals detailed in the proposal. SVRCD expects to execute a Memorandum of Understanding with 11 RCDs covering the entire North Coast region of the state, and those relationships will be leveraged to have positive impact on watersheds throughout the North Coast Range and Mid-Klamath watershed, and the overlap of the MOU with the Mount Shasta Region suggests the relationship can be leveraged to support SVRCD in the Cascade watersheds. Another partnership SVRCD has recently been exploring is with Blue Forest Conservation (Blue Forest). Blue Forest is a private equity firm based in Berkeley that has developed a new financing instrument to invest in forest watershed improvements. The Watershed Coordinator will continue to investigate the applicability of this financing model for Resource Conservation Districts.

Goal 4: Expand local capacity

In general, all potential partners in the region are under capacity, but fire safe councils as a group will be a priority for the Coordinator to support. Ore-Cal RC&D is a capacity-limited partner with whom SVRCD is developing a forest health project, and the support from the Department will enable us to expand that partnership and the juniper-removal project. The Siskiyou Land Trust is another partner SVRCD is assisting due to their limited capacity to implement stewardship projects on their properties. SVRCD's District Administrator also has 20 years of experience acquiring and stewarding conservation lands for land trusts, including 12 years in the Sierra Nevada and Cascade regions. The land trust is currently working with EcoForest Trust on a conservation easement over 40,000 acres of managed forest in the Scott River watershed, west of our District. With the MOU being executed with Siskiyou RCD, and that RCD has no existing forestry program, SVRCD has an opportunity to leverage both relationships to partner with EcoForest Trust, and to leverage that relationship to help Siskiyou RCD to establish a forestry program. SVRCD's District Administrator has connections with EcoForest Trust from prior experience, and the two parties have discussed this potential opportunity.

**IV. Describe any existing or planned collaborations with other organizations operating in the watershed.**

Upper Sacramento River Regional Watershed Action Group (USR RWAG) was asked to delegate a member to represent the goals and objectives of the Upper Sacramento, McCloud, and Upper Pit River Integrated Regional Watershed Management Plan (IRWMP). USR RWAG was formed to develop and implement the IRWMP, and the IRWMP addresses water quality issues in the same watersheds. USR RWAG members provide SVRCD immediate contact with a broad representation of stakeholders within the same landscape of the proposal, and some will also be requested to attend the quarterly coordination meetings. USR RWAG members are McCloud Community Services District, City of Dunsmuir, City of Mount Shasta, California Trout, McCloud Watershed Council, Modoc Nation, Mt. Shasta Bioregional Ecology Center, Pacific Forest Trust, Pit River Tribe, The River Exchange, Shasta Indian Nation, Siskiyou Land Trust, Trout Unlimited, We Advocate Through Environmental Review, Western Shasta Resource Conservation District, and Winnemem Wintu Tribe. While SVRCD is not a voting member of USR RWAG, it is an active partner and SVRCD Board of Directors formally supported the IRWMP.

City of Mount Shasta and Mount Shasta Regional Parks and Recreation District are interested in participating in a forest management working group, and SVRCD has already entered into a MOU with the parties to partner on improvement to the Mount Shasta City Park. City of Dunsmuir is among the most at-risk communities in California for wildfire threats, and mitigating that risk is going to be one of SVRCD's highest priorities regardless the outcome of the funding request in this proposal. The City of Weed is also a member of USR RWAG and is extremely vulnerable to wildfire. SVRCD has partnered with the City of Yreka on watershed improvement projects on Greenhorn Creek and Yreka Creek, and the city is the primary target of the Craggy Project.

Siskiyou County Board of Supervisors appoints SVRCD's Board of Directors, and the proposal includes portions of two supervisory districts. SVRCD will coordinate closely with the County and potentially assist the implementation of a tentative Stewardship Agreement. County representation on the working group will also be encouraged.

Siskiyou Land Trust is a landowner and watershed conservation practitioner negotiating an agreement with SVRCD to collaborate on conservation lands acquisition and habitat restoration projects, and the proposed forest coordinator project is an extension of that effort and relationship. Ore-Cal Resource Conservation and Development Council (Ore-Cal RC&D) and SVRCD are collaborating on a grant proposal to remove 1000-1500 acres of juniper encroaching into oak woodlands and pine forests on private lands north of Mt. Shasta, and we see the potential to expand this to 20,000-30,000 acres. Ore-Cal RC&D has a jurisdiction that crosses into both Oregon and California, and both of our organizations are part of the Klamath Basin Monitoring Program.

Western Shasta Resource Conservation District, Fall River Resource Conservation District, and Butte Valley-Lava Beds Resource Conservation District share responsibility with SVRCD for the watershed resources east and south of SVRCD's boundary, and SVRCD will increase its collaboration with these sister districts. One potential outcome during this grant term is execution of a MOU with the RCDs that abut SVRCD's southern and eastern boundaries, and California Association of Resource Conservation Districts (CARCD) will be invited to assist with that negotiation. It was CARCD that prodded the North Coast region RCDs to negotiate and execute a MOU (North Coast RCD Collaborative). With other RCDs around the state likely applying for funding through this same program, there will be opportunities for Coordinators to interact as a group at the annual CARCD conferences. The 2019 conference will be held in Redding, and the Mount Shasta Region Watershed Coordinator intends to present at that conference as a means for sharing with and learning from other RCDs.

Resource Conservation Districts are legislatively connected to the US Department of Agriculture's Natural Resources Conservation Service (NRCCS), so the two agencies have a common mission to assist private agricultural resource owners. Under NRCS rules, this includes timberland owners. SVRCD and

NRCS also share office space, so the relationship is close. While not yet defined for the proposed project, NRCS will certainly be an important partner for SVRCD.

Cal Fire is contracting with SVRCD to implement a forest health improvement project in the adjacent Shasta River watershed near Yreka, Siskiyou County. SVRCD is a participant in both the North Coast and Sierra/East Side Forest health Working Groups, and the proposal will support continued participation in these important regional collaborations. With the group boundaries, like the DOC Watershed Coordinator Program boundaries, dividing SVRCD's boundaries, capacity to participate in two monthly conference calls has been a challenge for the organization, so the DOC forest watershed program support is valuable to SVRCD.

SVRCD and Klamath National Forest are collaborating on watershed-scale improvement projects in the Klamath River watershed, and the proposed forest watershed coordinator project will expand on existing relationship into the Upper Sacramento River watershed. Similarly, SVRCD and Shasta-Trinity National Forest have had regular interactions and a collaborative relationship, so the proposed project will expand on that existing relationship as well.

Northern Sierra Alliance and SVRCD have been part of regional watershed collaboratives in the past, and the two organizations have revived that relationship during the process of preparing grant proposal to the Department under this program. The Alliance is submitting a proposal that includes the region that abuts the southern and eastern boundaries of SVRCD's proposal area. The contact area is where both entities can make coordinated efforts to develop cross-regional partnerships.

The industrial timberland owners with significant land holdings in the watersheds or mill infrastructure that serves local forests will be invited to participate in quarterly working group meetings. No forest watershed stewardship plan in the Mt. Shasta region can be developed without the participation of forest products industry leaders. SVRCD maintains contact with most of these landowners, and one of SVRCD's board members is a wildlife biologist for one of the region's major timberland owners.

Fire Safe Council of Siskiyou County has been invited to participate in the proposed working group, and the Council has a regional plan of its own that needs to be incorporated into SVRCD's plan. SVRCD will also make itself available to be a fiscal sponsor for local Fire Safe Council's that lack the capacity to manage grants or large forest stewardship contracts.

V. 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?  
Co-benefits (10 Points)

Much of the answer to this has been addressed throughout the proposal. Some specific goals addressed by this project follows.

The coordinator would support two IRWMPs (North Coast and Upper Sacramento)

*Southern Oregon and Northern California Coho Recovery Plan, Chapter 37 Shasta River (NOAA - NMFS 2014) and Recovery Strategy for California Coho Salmon (CDFG 2004)*

- Addresses key limiting factors for water quality and water flow in Shasta Watershed

*California Climate Action Plan*

- forest carbon sequestration from forest preservation and forest management practices

*California Wildlife Action Plan*

- supports "North Coastal Mixed Evergreen and Montane Conifer Forests" and "Wet mountain Meadows" conservation targets. Consistent with Rangeland and Forestry Companion Plan

*California Water Action Plan*

- supports IRWMPs, enhanced mountain meadow habitat, headwaters managed for multiple benefits, enhanced water flows in streams, enhanced resilience in dry periods, makes conservation a way of life.

*AB2480*

- Upper Sacramento, McCloud and Pit River forested watersheds are defined as critical infrastructure

*Total Maximum Daily Load (TMDL) Action Plan for the Shasta River (NCRWQCB 2006)*

- addresses salmon limiting factors (temperature, dissolved oxygen) as TMDLs for Shasta River. Enhanced flow from watershed forest projects will reduce the number of days Shasta River reaches TMDL.

VI. 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).

Funding the proposed project will have a dramatic, positive impact of SVRCD's capacity to deliver needed services to the vulnerable, Disadvantaged Communities of southern Siskiyou County. By expanding SVRCD's capacity in the region, SVRCD will be able to advance its mission to support the sustainable use of natural resources and the economic relationships with those resources. This capacity support grant will enable SVRCD to develop important projects that will in the near term create jobs when being implemented, and in the long term will enhance the wood products and natural resources economies that will sustain a jobs base. The regional collaboration that will result in regionally managed forests will also provide support to the ecotourism economy (camping, hiking, fishing, hunting, etc.) that is becoming a dominant sector of the region's economy.

Long-term success (5 Points)

VII. 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.

SVRCD has a record extending more than two decades as a strategic leader in managing Shasta River watershed for multiple benefits and has facilitated the investment of more than \$20 million to support the agricultural economy of the valley while also enhancing watershed conditions to sustain viable populations of salmonids. SVRCD's constituents away from Shasta River have increasingly been requesting additional capacity to meet the growing risks and threats to southern Siskiyou County. In 2018, SVRCD committed to expanding its capacity in those portions of the District that it historically has underserved, and it established a Sacramento and McCloud Watersheds Program. One of the primary goals of the program is to maintain a collaborative relationship with regional conservation and forestry partners. Simultaneously, SVRCD has been developing a forest health initiative that will expand its impact within the Shasta River watershed to landowners upslope of the irrigated pastures on the valley floor, as well as expanding the targeted community served by the district's programs. As such, SVRCD has been negotiating agreements with Cal Fire and Klamath National Forest to partner on forest health and water quality projects in northern Siskiyou County. The funding and proposed project presented here will accelerate the development of a program that is already being implemented, and it will enable SVRCD to reach an economy of scale across all of the watersheds it serves that SVRCD itself will operate more efficiently and effectively. The collaborations established through the proposed project will continue indefinitely as SVRCD delivers upon its mission for the people of Siskiyou County. SVRCD will also pursue a MOU with Western Shasta RCD and Fall River RCD to adopt the Forest Health

Improvement Plan for the two watersheds and expand it to include the Pit River watershed. SVRCD is currently in the process of negotiating a MOU with Siskiyou RCD and Trinity County RCD, leaving another opportunity in the future to expand the plan to include all of Shasta Reservoir's watershed.

Future proposals will include outreach tasks to continue meeting with the working group. Grants and service contracts will often be for implementation of tasks identified in the Forest Health Improvement Plan as top priorities for the watersheds. In the near term (3-5 years), funding opportunities are plentiful and SVRCD will leverage the current opportunities to build a solid foundation upon which to build and sustain the program and the proposed role as Coordinator. The expanded capacity of SVRCD and its partners in the region through the investment of this coordinator grant will enable SVRCD to provide additional services to landowners for a nominal fee or through supplemental grants for those community members unable to cover the cost of forest management on their properties, and revenues will continue to be reinvested into the program. Long-term sustainability of the program will depend in part on the success of expanding the economic infrastructure needed to process the vast quantities of wood materials we expect to remove from regional forests in future decades. While SVRCD anticipates an expanded prescribed fire program will mitigate the volume of small diameter materials being generated by forest management activities, in the near term exists neither the capacity to utilize the material or implement prescribed fire on the scale necessary to approach any semblance of equilibrium in the volume to be removed from regional forests. SVRCD recognizes that the region's wood products economy must be stabilized and strengthened if we are to be successful at managing the forests and enhancing our communities.

#### 4. WORK PLAN

Applicants must provide a detailed work plan that specifies the tasks, sub-tasks and deliverables that will be performed to develop and complete the Strategy, including establishing benchmarks with target completion dates and cost estimates. The project cost estimate and schedule should be of sufficient detail to allow assessment of the applicant's progress through the work plan at regular intervals. This plan will be a component of the Grant Agreement should the project be selected for funding. The work plan should clearly provide:

WORK PLAN

TASK 1: Synthesize the available literature and institutional knowledge to describe the past, current, and desired condition of forests in the Southern Cascade Range.	Timeline [Start and End Date]	Total Requested Grant Funds
<p><b>Subtask 1.1:</b> Conduct a literature search and compile existing geospatial data for the watersheds.</p> <p><b>Performance Measures:</b> Bibliography and baseline for a Forest Health Improvement Plan</p>	4/1/19 – 12/31/19	\$36,758
<p><b>TASK 2:</b> List and priority-rank watershed-scale forest health improvement projects to plan and implement in the Mount Shasta Region that will advance the forests toward the desired condition determined in Task 1.</p>		
<p><b>Subtask 2.1:</b> Develop a list of regional forest health improvement projects that are feasible to implement in the next 5-10 years.</p> <p><b>Performance Measures:</b> A copy of an executed Resolution from SVRCD Board of Directors adopting the Forest Health Improvement Plan as the district’s long-range Forest Health Initiative Strategic Plan.</p>	6/1/19 – 4/30/21	\$24,958
<p><b>TASK 3:</b> Organize a working group of local stakeholders and expertise to meet regularly to develop forest watershed priorities and a list of tentative projects.</p>		
<p><b>Subtask 3.1:</b> The Watershed Coordinator will participate in training opportunities provided by the Department of Conservation.</p> <p><b>Sub-Task 3.2:</b> The Watershed Coordinator will assemble a working group working group of 10-15 local partners with forest and watershed health interests.</p> <p><b>Performance measure:</b> A quarterly report detailing the agenda and assessment of progress toward completing the Watershed Improvement Plan.</p> <p><b>Sub-Task 3.3:</b> The Mount Shasta Region Watershed Coordinator will obtain input from 250 or more stakeholders that are not part of the working group.</p> <p><b>Performance measure:</b> Quarterly reports detailing community outreach efforts and how they advanced the preparation of the Watershed Implementation Plan.</p> <p><b>Sub-Task 3.4:</b> The Watershed Coordinator will collaborate with other Watershed Coordinators funded under this grant program and Cal Fire regional forest task forces.</p> <p><b>Performance measure:</b> Incorporation into the Watershed Improvement Plan of extra-regional collaboration goals for watersheds that extend beyond SVRCD’s boundaries.</p>	<p>6/1/19 – 4/30/21</p> <p>6/1/19 – 3/31/21</p> <p>6/1/19 – 3/31/21</p> <p>5/1/19 – 3/31/21</p>	\$11,998

<p><b>TASK 4:</b> Develop one forest and/or mountain meadow habitat enhancement project, and prepare 2 or more grant proposals for financial and/or technical support to plan and implement the project.</p>		
<p><b>Sub-Task 4.1:</b> The Watershed Coordinator will develop and prioritize a list of projects and practices that SVRCD or partners can implement as part of the Watershed Improvement Plan. From that list, SVRCD and the working group will select one high priority forest habitat and/or mountain meadow restoration project to implement.  <b>Sub-Task 4.2:</b> The Watershed Coordinator will plan the project to a point where grant proposals can be prepared and submitted to raise the funds needed.  <b>Performance measure:</b> The ultimate outcome will be enhancement of ecosystem services</p>	<p>5/1/19 – 4/30/21  9/1/19 – 4/30/21</p>	<p>\$34,518</p>
<p><b>TASK 5:</b> Develop one forest fuels treatment project that benefits the wildland-urban interface between Dunsuir and Weed and/or Mount Shasta and McCloud, and prepare 2 or more grant proposals for financial and/or technical support to plan and implement the project.</p>		
<p><b>Sub-Task 5.1:</b> The Watershed Coordinator will develop and prioritize a list of projects and practices that SVRCD or partners can implement as part of the Watershed Improvement Plan. From that list, SVRCD and the working group will select one high priority forest fuels reduction project that benefits the region’s urbanized communities.  <b>Sub-Task 5.2:</b> The Watershed Coordinator will plan the project to a point where grant proposals can be prepared and submitted to raise the funds needed.  <b>Performance measure:</b> The ultimate outcome will be fire risk reduction on &gt;5,000 acres of forest within zip codes containing a cumulative total population of 20,000 residents of Disadvantaged Communities.</p>	<p>5/1/19 – 4/30/21  9/1/19 – 4/30/21</p>	<p>\$35,424</p>
<p><b>Task 6:</b> Develop one forest health project with a small, capacity-limited non-profit or special district partner, and prepare grant one or more grant proposals for financial and/or technical support to plan and implement the project.</p>		
<p><b>Sub-Task 6.1:</b> The Watershed Coordinator and working group will select one high priority forest health project that boosts the capacity of a local partner entity will be selected.  <b>Sub-Task 6.2:</b> The Watershed Coordinator will plan the project to a point where grant proposals can be prepared and submitted to raise the funds needed. T  <u>Performance measure:</u> At least \$250,000 of financial support or in-kind technical support is provided to one local forest health stakeholder.</p>	<p>5/1/19 – 4/30/21  9/1/19 – 4/30/21</p>	<p>\$35,424</p>

<p><b>Task 7:</b> Enter into one or more formal agreements with one or more non-profit or public partners to mutually support and expand capacity to meet regional forest health stewardship goals.</p>		
<p><b>Sub-Task 7.1:</b> In addition to the cooperative implementation project and preparation of grant proposals described above, SVRCD will negotiate and execute at least one new formal partnership agreement with a local tribal, non-profit organization or a regional public entity. The purpose of the agreement will be to share responsibilities for some aspect of forest health improvement for the Mount Shasta region watersheds.  <b>Performance measure:</b> Copy of an executed agreement that demonstrates collaborative and shared roles in managing forested watershed interests in the Klamath-Cascades region.</p>	<p>4/30/202</p>	<p>\$35,424</p>
	<p><b>GRAND TOTAL</b></p>	<p><b>191,659</b></p>

5. BUDGET

Budget applicants must provide a budget broken down by cost type and by task. All costs must be eligible. Applicants may use the Excel template provided. If awarded funding, this Budget will be incorporated into the Grant Agreement.

PERSONNEL	Hourly Rate/ Unit Cost	Number of hours/units	Task 1	Task 2	Task 3	Task 4	Total Requested Grant Funds
District Administrator	\$42/hr	1220	\$5,040	\$18,900	\$4,200	\$23,100	\$51,240
Forest Initiative Manager	\$35/hr	1220	\$28,000	\$3,500	\$3,500	\$7,700	\$42,700
		<b>Subtotal</b>	<b>\$33,040</b>	<b>\$22,400</b>	<b>\$7,700</b>	<b>\$30,800</b>	<b>\$93,940</b>
<b>TRAVEL COSTS</b>							
Travel: Within watershed	\$0.58/mile	7,000	\$1,160	\$0	\$1,740	\$1,160	\$4,060
Travel: To required meetings	\$0.58/mile	2,200	\$319	\$319	\$319	\$319	\$1,276
		<b>Subtotal</b>	<b>\$1,479</b>	<b>\$319</b>	<b>\$2,059</b>	<b>\$1,479</b>	<b>\$5,336</b>
<b>ADMINISTRATIVE COSTS (maximum of 20% of grant)</b>							
Audit	\$715/task	4	\$715	\$715	\$715	\$715	\$2,860
Supplies and software licenses	\$250/task	4	\$250	\$250	\$250	\$250	\$1,000
Lodging	\$150/night	6			\$900		\$900
Laptop computer	\$4,500 ea.	4/7	\$643	\$643	\$643	\$643	\$2,572
Finance Manager	\$38/hr	48	\$456	\$456	\$456	\$456	\$1,824
Bookkeeping contractor	\$35/hr	20	\$175	\$175	\$175	\$175	\$700
		<b>Subtotal</b>	<b>\$2,239</b>	<b>\$2,239</b>	<b>\$2,239</b>	<b>\$2,239</b>	<b>\$8,956</b>
		<b>TASK TOTAL</b>	<b>\$36,758</b>	<b>\$24,958</b>	<b>\$11,998</b>	<b>\$34,518</b>	<b>\$108,232</b>

PERSONNEL	Hourly Rate/ Unit Cost	Number of hours/units	Task 5	Task 6	Task 7		Total Requested Grant Funds
District Administrator	\$42/hr	1,110	\$23,100	\$23,100	\$4,200		\$50,400
Forest Initiative Manager	\$35/hr	610	\$8,925	\$8,925	\$3,500		\$21,350
		<b>Subtotal</b>	\$32,025	\$32,025	\$7,700	\$	\$71,750
<b>TRAVEL COSTS</b>							
Travel: Within watershed	\$0.58/mile	5000	\$1160	\$1160	\$580		\$2,900
Travel: To required meetings	\$0.58/mile	2000			\$1160		\$1,160
		<b>Subtotal</b>	<b>\$1,160</b>	<b>\$1,160</b>	<b>\$1,740</b>	<b>\$</b>	<b>\$4,060</b>
<b>ADMINISTRATIVE COSTS (maximum of 20% of grant)</b>							
Audit	\$715/tsk	3	\$715	\$715	\$715	\$	\$2,145
Supplies and software licenses	\$250/task	3	\$250	\$250	\$250	\$	\$750
Lodging	\$150/night	6			\$900		\$900
Laptop computer	\$4,500 ea.	3/7	\$643	\$643	\$643	\$	\$1,929
Finance Manager	\$38/hr	36	\$456	\$456	\$456	\$	\$1,368
Bookkeeping contractor	\$35/hr	15	\$175	\$175	\$175	\$	\$525
		<b>Subtotal</b>	\$2,239	\$2,239	\$3,139	\$	\$7,617
		<b>TASK TOTAL</b>	<b>\$35,424</b>	<b>\$35,424</b>	<b>\$12,579</b>	<b>\$</b>	<b>\$83,427</b>
						<b>GRAND TOTAL</b>	<b>\$191,659</b>

## 6. MAP(S) OF THE PROJECT GEOGRAPHIC AREA

A PDF map of the watershed in which the coordinator will work must be included in the application. Watershed location will be used to evaluate the extent to which the proposal meets the priorities outlined in the selection criteria. Additional maps that further describe or otherwise support the proposal may be included. All maps must be of sufficient resolution that it would be legible if printed on an 8 ½" x 11" sheet of paper.

The applicant may submit geographic information system (GIS) data in addition to any .pdf maps provided.

## 7. SIGNED AUTHORIZING RESOLUTION

Applicants must submit a signed Resolution of Support adopted by the entity's governing body that evidences authority to submit the application and, if awarded funding, to enter into and perform under the terms of the template Grant Agreement (Appendix C).

The resolution must:

- Authorize the submittal of the grant application to the Forest Health Watershed Coordinator Grant Program.
- Authorize entrance into a grant agreement with the Department for the project and accept the template terms and conditions, if the project is awarded funding.
- Certify 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.
- Authorize a designated individual to execute tasks, such as signing documents, related to the application, grant agreement, and acquisition, if the project is awarded funding.

## 8. COLLABORATION AND SUPPORT LETTERS

Provide copies of letters from collaborating entity/entities within the project geographic area and from the local community demonstrating match or in-kind support and their specific role in the development or implementation of the Watershed Coordinator Program.

## 9. PROOF OF APPLICANT CAPACITY

SVRCD has nearly three decades of experience working with ranchers in Shasta Valley to enhance stream flow and improve riverine aquatic and riparian habitats. Currently the staff of six employees at SVRCD have a wide array of experience and expertise in agricultural practices, construction management, executive management, ecology, hydrology, and monitoring.

Edward Stanton – District Manager: Edward has 20 years of experience in conservation of endangered species and their habitats, land and water conservation on working lands, and public grants management in the non-profit sector. Edward has a MS in Ecology from State University of New York College of Environmental Science and Forestry and a BS in Biology from West Chester University of Pennsylvania. Edward's role will be as lead project manager and will leverage his extensive professional network around California.

Forest Initiative Manager: This is a new position being created at SVRCD. The position will be partially funded by existing grants and service contracts, and nearly 50% FTE by the funds being requested here. We will seek a degreed candidate with forestry experience who is qualified to coordinate with stakeholders and write technical documents. This position will be integral to SVRCD's forestry program development.

Dan Blessing: Dan is a retired forester with Klamath National Forest and is assisting SVRCD in developing its Forest Health Initiative and negotiating service agreements with Cal Fire (Craggy Project). Dan is managing Stewardship Contracts for the Craggy Project and will be a mentor to all SVRCD staff involved in our growing forestry program. Dan's contacts in the forestry field are also exceptionally valuable to the organization.

Brandy Caporaso – Finance Manager: Brandy will be the Financial Manager for this project. She brings a wealth of experience in managing grants, contracts, and projects. Brandy has a BA degree in Business Economics from University of California at Santa Cruz. Brandy's role will be to assist managing the grant agreement and contracts, track deliverables, and oversee the finances and budget.

The next page is a list of Shasta Watershed projects SVRCD has managed in recent years. Two grant agreements are also enclosed to demonstrate large, collaborative projects SVRCD is managing. Nearly \$1M was awarded by Department of Water Resources to collect the data needed to develop a groundwater model that will result in a Sustainable Groundwater Management Plan for Shasta Basin. Another large partnership grant is from Fisheries Restoration Grant Program to operate two rotary screw trap monitoring stations on Scott and Shasta Rivers.

<b>Projects Completed by SVRCD 2008 - July 2017</b>				
<b>NAME OR ID# AND DESCRIPTION</b>	<b>REACH</b>	<b>QUANTITY</b>	<b>FUNDER(S)</b>	<b>YEAR COMPLETE</b>
<b>RIPARIAN FENCING</b>		<i>linear feet</i>		
13-01 Riparian Fence	2	2000	SWB IRWM Prop 50	2013
13-02 Riparian Fence	2	5500	SWB IRWM Prop 50	2013
13-03 Riparian Fence	3	2840	RWB 319h #11-099-551	2013
13-04 Riparian Fence	4	180	RWB 319h #11-099-551	2013
13-05 Riparian Fence	4	9500	RWB 319h #11-099-551	2013
13-06 Riparian Fence	4	2700	RWB 319h #11-099-551	2013
14-01 Riparian Fence	6	4800	RWB 319h #11-099-551	2014
11-01 Riparian Buffer/Fence	6	3913	RWB 319h # 06-271-551	2011
<b>RIPARIAN PLANTING</b>		<i>linear feet</i>		
Araujo Dam Project Site	2	1000	SWB IRWM Prop 50	2008
Shasta Water Association Dam Project Site	3	1000	SWB IRWM Prop 50	2009
14-02 Riparian Planting	3	1150	RWB 319h #11-099-551	2014
14-03 Riparian Planting	4	100	RWB 319h #11-099-551; USFWS	2014
14-04 Riparian Planting	6	500	RWB 319h #11-099-551	2014
<b>ALTERNATIVE STOCKWATER</b>		<i># systems</i>		
13-07 Stockwater	2	1	SWB IRWM Prop 50	2013
13-08 Stockwater	2	1	SWB IRWM Prop 50	2013
14-05 Stockwater	2	2	RWB 319h #11-099-551, NRCS	2014
13-09 Stockwater	2	1	SWB IRWM Prop 50	2013
15-01 Stockwater	2	2	RWB 319h #11-099-551, NRCS	2015
14-06 Stockwater	3	3	RWB 319h #11-099-551	2014
13-10 Stockwater	4	2	RWB 319h #11-099-551	2013
13-11 Stockwater	4	2	RWB 319h #11-099-551	2013
14-07 Stockwater	4	2	RWB 319h #11-099-551, NRCS	2014
11-02 Stockwater	6	2	RWB 319h # 06-271-551	2011
14-08 Stockwater	6	1	RWB 319h #11-099-551	2014
<b>FISH PASSAGE</b>		<i># barriers</i>		
Araujo Flashboard Dam	2	1	SWB IRWM Prop 50	2008
Shasta River Water Assoc. Flashboard Dam	3	1	SWB IRWM Prop 50	2009
<b>TAILWATER MANAGEMENT</b>		<i># projects</i>		
13-12 Tailwater Re-use Efficiency	2	1	RWB 319h #09-666-551	2013
13-13 Tailwater Re-use Project	2	1	RWB 319h #09-666-551	2013
11-03 Tailwater Re-use Improvement	3	1	RWB 319h # 06-271-551	2011
12-01 SWA Turn-out and Lateral Replacement	3	2	RWB 319h #06-271-551, SWB Prop 50	2012
13-14 SWA Tailwater Ditch Rehabilitation	3	1	RWB 319h #09-666-551; SWB Prop 50	2013
17-01 Tailwater Berm	6	1	RWB 319h #13-501-251	2017
17-02 Spring Connection Pipeline	6	1	RWB 319h #13-501-251	2017
<b>IRRIGATION EFFICIENCY/WATER MANAGEMENT</b>				
11-04 Pipeline Efficiency	2	1	RWB 319h # 06-271-551	2011
13-15 Water Management Efficiency	3	1	RWB 319h #09-666-551	2013
SWA Upper So Ditch Water Measuring Improvr	3	1	SWB IRWM Prop 50	2014
SWA Site 9 Water Measuring Improvmt	3	1	SWB IRWM Prop 50	2014
Big Springs Ranch Head Structure	5	1	RWB 319h #09-666-551	2012
11-05 Pipeline Efficiency	6	1	RWB 319h # 06-271-551	2011
11-06 Pipeline Efficiency	6	1	RWB 319h # 06-271-551	2011
13-16 Ditch Improvement	6	1	RWB 319h #09-666-551	2013
15-02 Flying L Pump/Pipeline	6	1	RWB 319h #13-501-251	2015
<b>BANK STABILIZATION</b>				
16-01 Bank Fine Sediment Reduction	2	1	CDFW FRGP #D1410506	2016

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Atzet, T. and D.L. Wheeler. 1982. Historical and ecological perspectives on fire activity in the Klamath Geological Province of the Rogue River and Siskiyou National Forests. USDA Forest Service, Pacific Northwest Region, Publication R6-Range-102. Portland, OR

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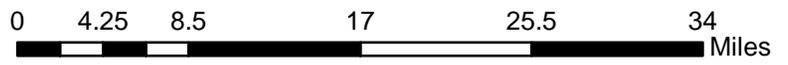
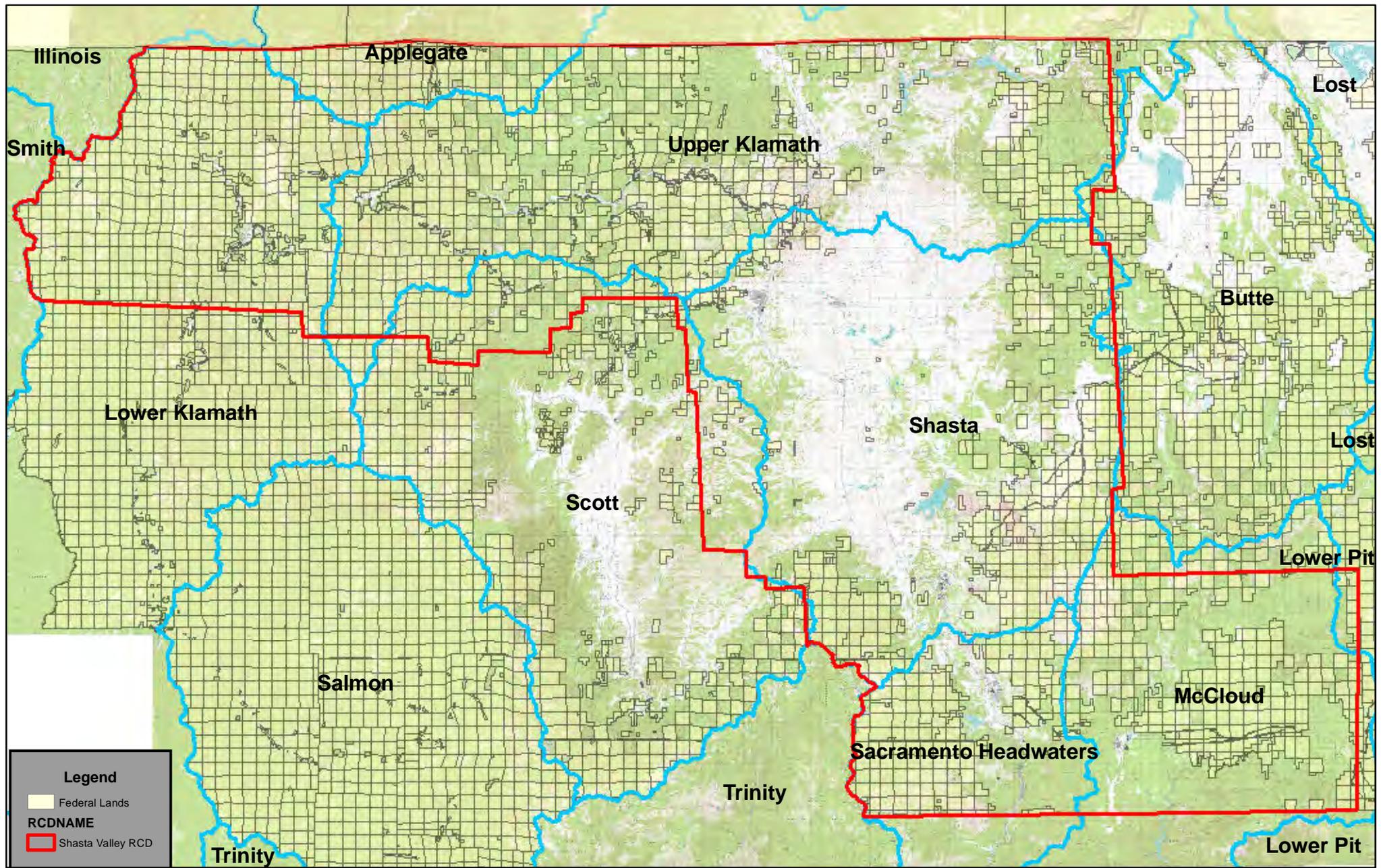
Metlen K.L., C.N. Skinner, D.R. Olson, C. Nichols, and Darren Borgias. 2018. Regional and local controls on historical fire regimes of dry forests and woodlands in the Rogue River Basin, Oregon, USA. *Forest Ecology and Management* 430:43-58.

Mohr, J.A., C. Whitlock, and C.N. Skinner. 2000. Postglacial vegetation and fire history, eastern Klamath Mountains, California, USA. *Holocene* 10:587-601.

Peters, E., A. Visser, B.K. Esser, and J.E. Moran. 2017. Tracers reveal recharge elevations, groundwater flow paths and travel times on Mount Shasta, California. *Water* 10 (97).

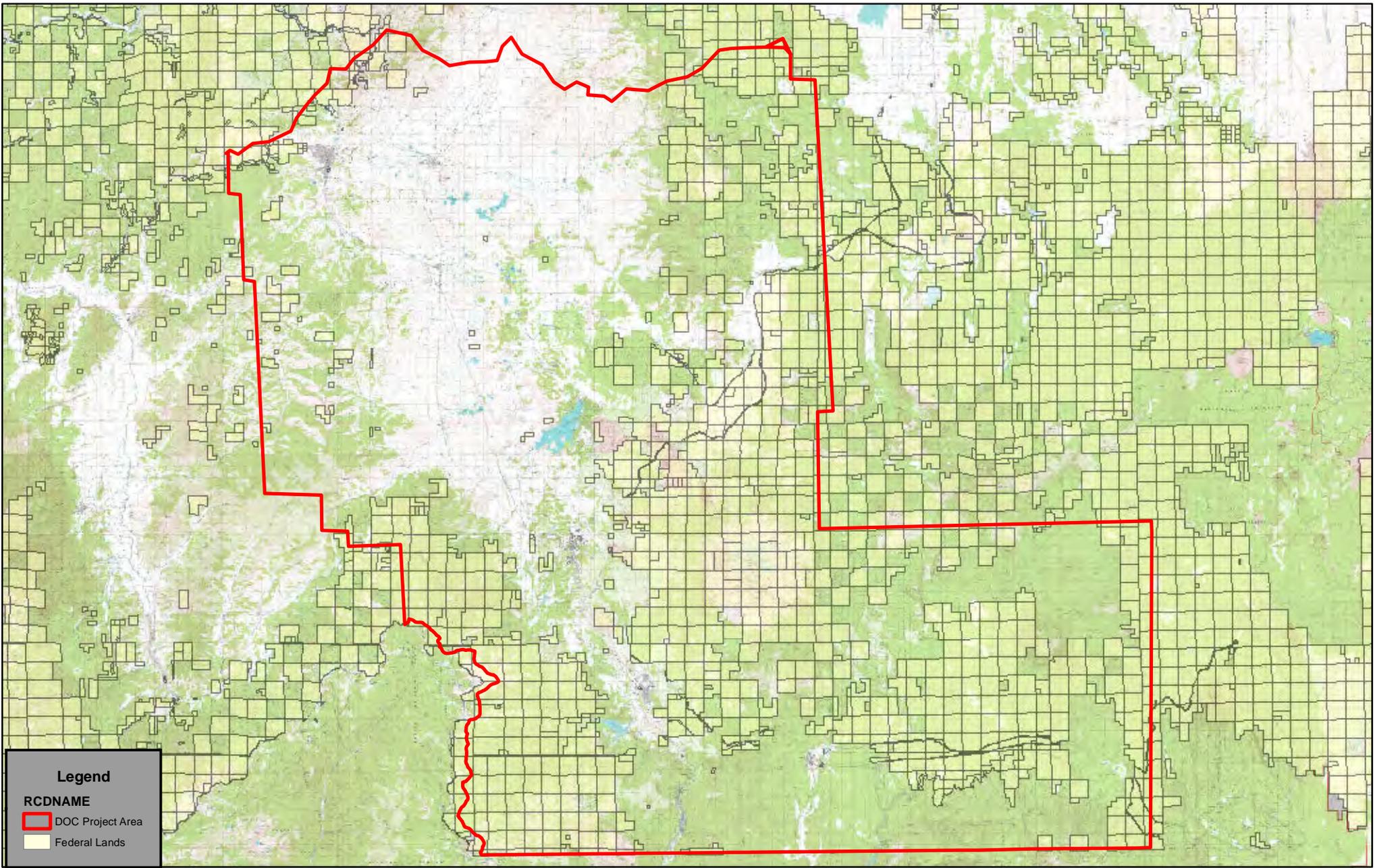
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***End of Application***



1 in = 9 miles

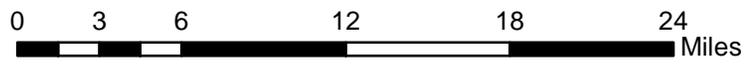




**Legend**

RCDNAME

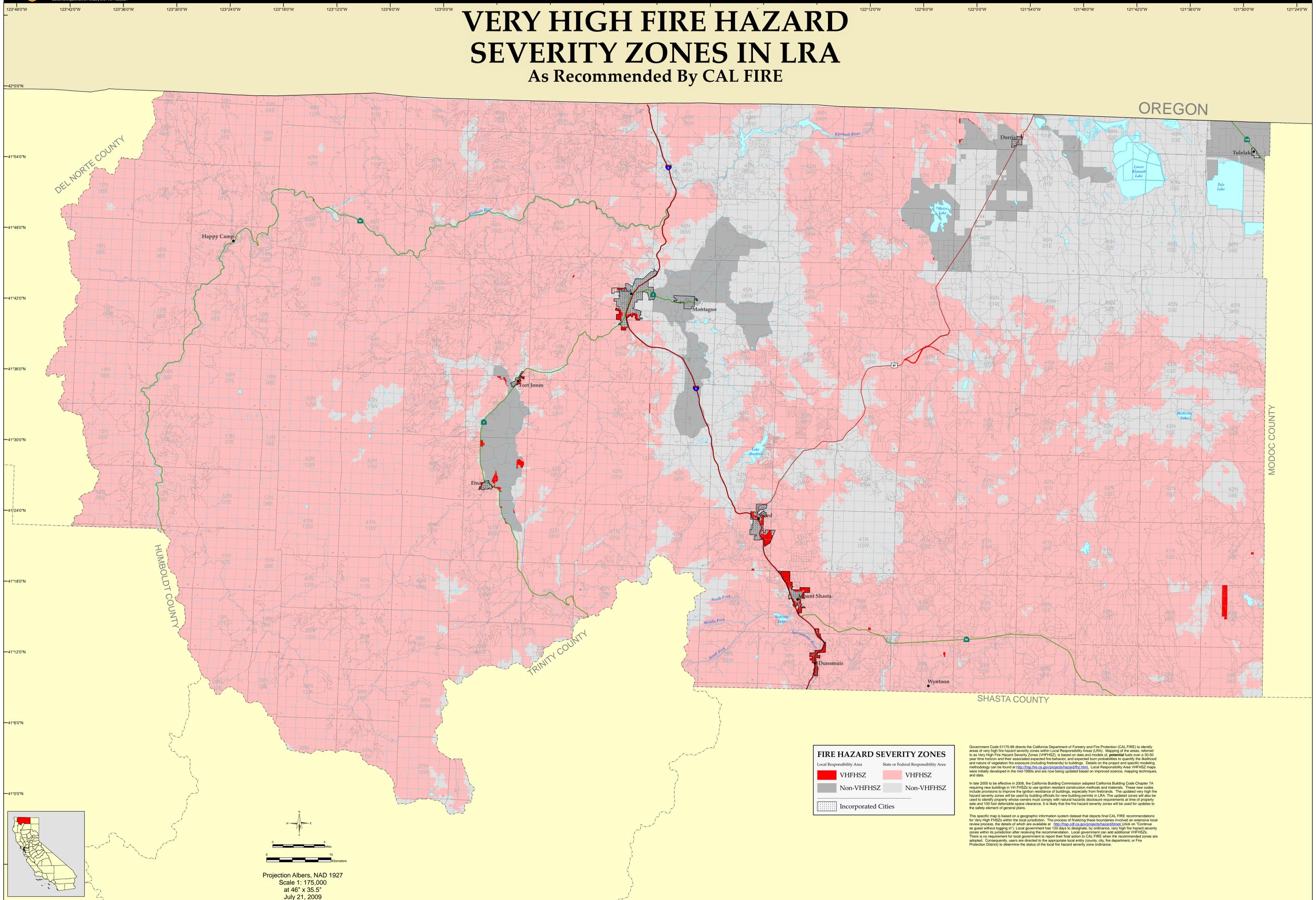
- DOC Project Area
- Federal Lands



1 in = 7 miles



## VERY HIGH FIRE HAZARD SEVERITY ZONES IN LRA As Recommended By CAL FIRE

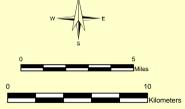


FIRE HAZARD SEVERITY ZONES	
Local Responsibility Area	State or Federal Responsibility Area
VHFHSZ	VHFHSZ
Non-VHFHSZ	Non-VHFHSZ
Incorporated Cities	

Government Code 51176-89 directs the California Department of Forestry and Fire Protection (CAL FIRE) to identify areas of very high fire hazard severity zones within Local Responsibility Areas (LRA). Mapping of the areas, referred to as Very High Fire Hazard Severity Zones (VHFHSZ), is based on data and models of potential fuels over a 30-50 year time horizon and their associated expected fire behavior, and expected burn probabilities to quantify the likelihood and nature of vegetation fire exposure (including firebrands) to buildings. Details on the project and specific modeling methodology can be found at <http://frap.fire.ca.gov/projects/hazard/frp.html>. Local Responsibility Area VHFHSZ maps were initially developed in the mid-1990s and are now being updated based on improved science, mapping techniques, and data.

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Projection Albers, NAD 1927  
Scale 1: 175,000  
at 46° x 35.5'  
July 21, 2009

The State of California and the Department of Forestry and Fire Protection make no representations or warranties regarding the accuracy of data or maps. Neither the State nor the Department shall be liable under any circumstances for any direct, special, incidental, or consequential damages with respect to any claim by any user or third party on account of, or arising from, the use of data or maps.

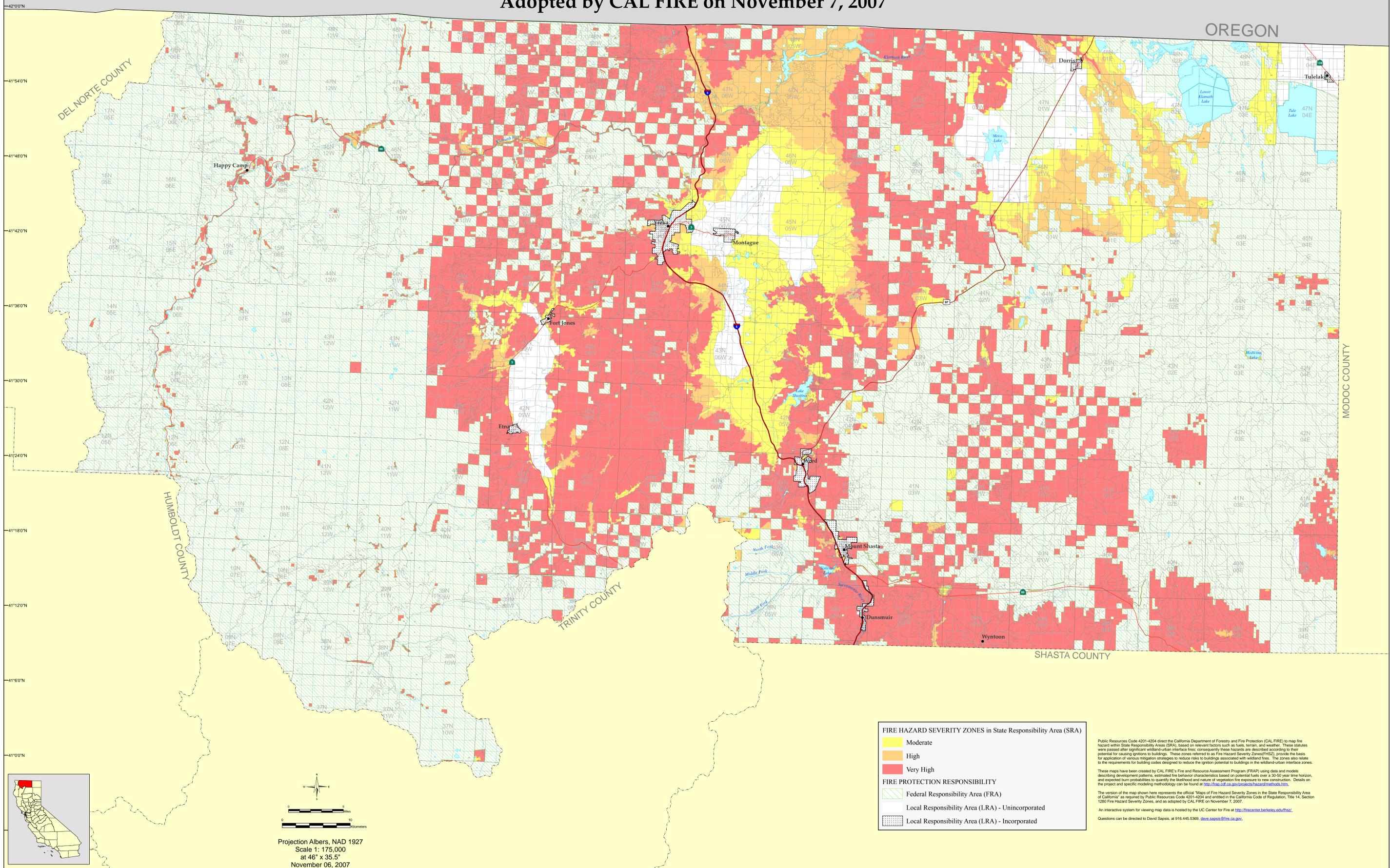
Obtain FRAP maps, data, metadata and publications on the Internet at <http://frap.cdf.ca.gov>  
For more information, contact CAL FIRE-FRAP, PO Box 944246, Sacramento, CA 94244-2460, (916) 327-3939.

Arnold Schwarzenegger, Governor,  
State of California  
Mike Chrisman, Secretary for Resources,  
The Natural Resources Agency  
DeJ Walters, Director,  
Department of Forestry and Fire Protection

MAP ID: FHSZL\_MAP  
DATA SOURCES  
CAL FIRE Fire Hazard Severity Zones (FHSZL06\_3)  
CAL FIRE State Responsibility Areas (SRA05\_5)  
CAL FIRE Incorporated Cities (Incorp07\_3)  
PLSS (1:100,000 USGS, Land Grants with CAL FIRE grid)

## FIRE HAZARD SEVERITY ZONES IN SRA

Adopted by CAL FIRE on November 7, 2007



**FIRE HAZARD SEVERITY ZONES in State Responsibility Area (SRA)**

- Moderate
- High
- Very High

**FIRE PROTECTION RESPONSIBILITY**

- Federal Responsibility Area (FRA)
- Local Responsibility Area (LRA) - Unincorporated
- Local Responsibility Area (LRA) - Incorporated

Public Resources Code 4201-4204 direct the California Department of Forestry and Fire Protection (CAL FIRE) to map fire hazard within State Responsibility Areas (SRA), based on relevant factors such as fuels, terrain, and weather. These studies were prepared after significant wildland-urban interface fires; consequently these hazards are described according to their potential for causing ignitions to buildings. These zones referred to as Fire Hazard Severity Zones (FHSZ) provide the basis for application of various mitigation strategies to reduce risks to buildings associated with wildland fires. The zones also relate to the requirements for building codes designed to reduce the ignition potential to buildings in the wildland-urban interface zones.

These maps have been created by CAL FIRE's Fire and Resource Assessment Program (FRAP) using data and models describing development patterns, estimated fire behavior characteristics based on potential fuels over a 30-50 year time horizon, and expected burn probabilities to quantify the likelihood and nature of vegetation fire exposure to new construction. Details on the project and specific modeling methodology can be found at <http://firecenter.berkeley.edu/fhsz/>.

The version of the map shown here represents the official "Maps of Fire Hazard Severity Zones in the State Responsibility Area of California" as required by Public Resources Code 4201-4204 and entitled in the California Code of Regulation, Title 14, Section 1280 Fire Hazard Severity Zones, and as adopted by CAL FIRE on November 7, 2007.

An interactive system for viewing map data is hosted by the UC Center for Fire at <http://firecenter.berkeley.edu/fhsz/>.

Questions can be directed to David Sapsis, at 916.445.9399, [dave.sapsis@trf.ca.gov](mailto:dave.sapsis@trf.ca.gov).

Projection Albers, NAD 1927  
Scale 1: 175,000  
at 46" x 35.5"  
November 06, 2007



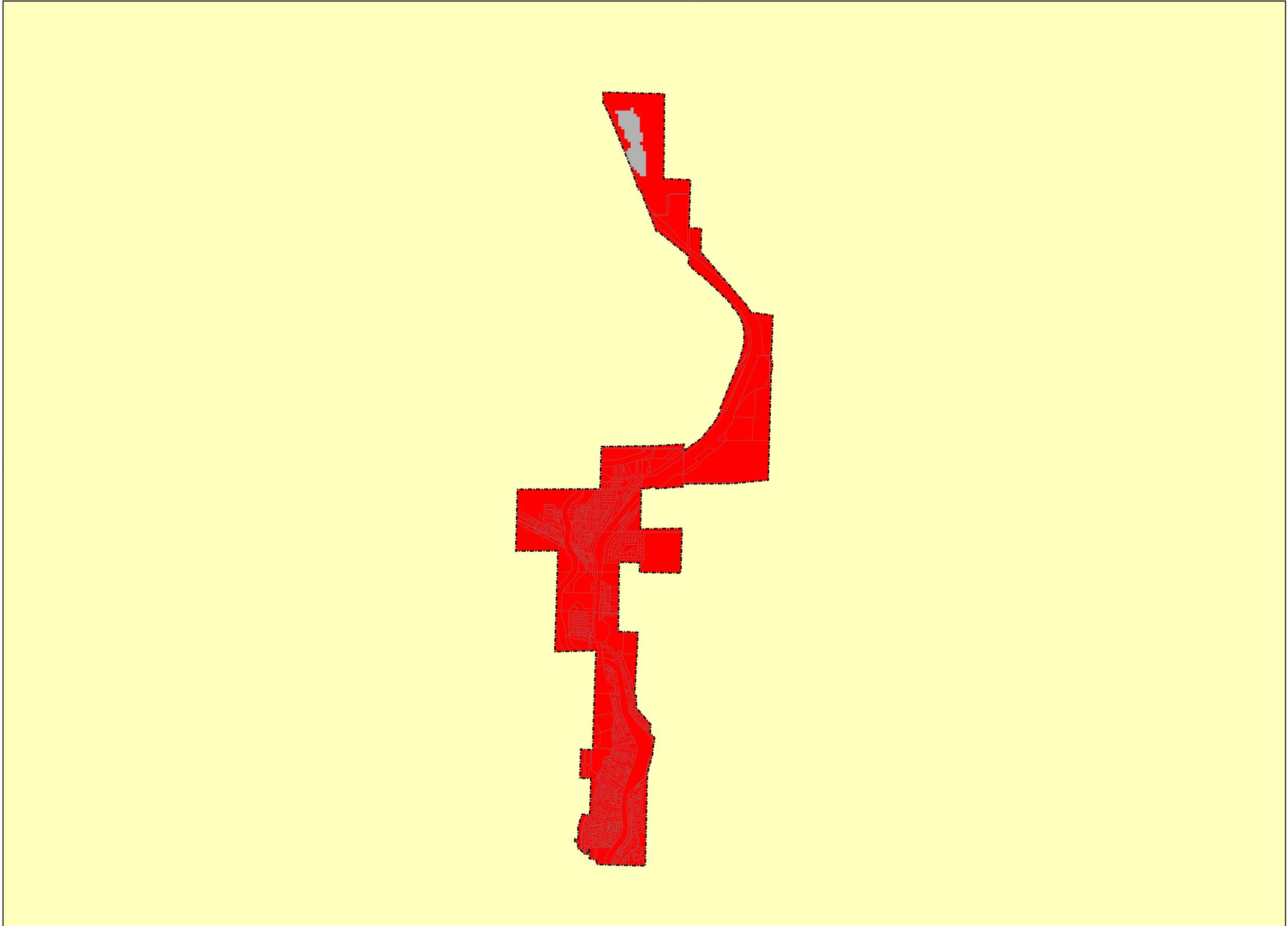
The State of California and the Department of Forestry and Fire Protection make no representations or warranties regarding the accuracy of data or maps. Neither the State nor the Department shall be liable under any circumstances for any direct, special, incidental, or consequential damages with respect to any claim by any user or third party on account of, or arising from, the use of data or maps.

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Arnold Schwarzenegger, Governor,  
State of California  
Mike Chrisman, Secretary for Resources,  
The Resources Agency  
Ruben Grijalva, Director,  
Department of Forestry and Fire Protection

MAP ID: FHSZS\_MAP  
DATA SOURCES  
CAL FIRE Fire Hazard Severity Zones (FHSZS06\_3)  
CAL FIRE State Responsibility Areas (SRA05\_5)  
CAL FIRE Incorporated Cities (Incorp07\_3)  
PLSS (1:100,000 USGS, Land Grants with CAL FIRE grid)

## Very High Fire Hazard Severity Zones in LRA As Recommended by CAL FIRE



**Fire Hazard Severity Zones**

Local Responsibility Area	State or Federal Responsibility Areas
<span style="color: red;">■</span> VHFHSZ	<span style="color: lightcoral;">■</span> VHFHSZ
<span style="color: gray;">■</span> Non-VHFHSZ	<span style="color: lightgray;">■</span> Non-VHFHSZ

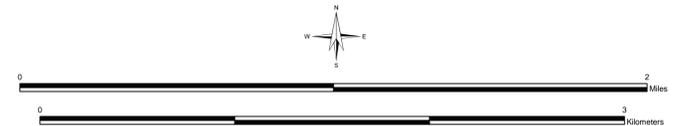
--- City Boundary
— Parcels
--- County Boundary

Government Code 51175-89 directs the California Department of Forestry and Fire Protection (CAL FIRE) to identify areas of very high fire hazard severity zones within Local Responsibility Areas (LRA). Mapping of the areas, referred to as Very High Fire Hazard Severity Zones (VHFHSZ), is based on data and models of potential fuels over a 30-50 year time horizon and their associated expected fire behavior, and expected burn probabilities to quantify the likelihood and nature of vegetation fire exposure (including firebrands) to buildings. Details on the project and specific modeling methodology can be found at <http://frap.cdf.ca.gov/projects/hazard/methods.htm>. Local Responsibility Area VHFHSZ maps were initially developed in the mid-1990s and are now being updated based on improved science, mapping techniques, and data.

In late 2005 to be effective in 2008, the California Building Commission adopted California Building Code Chapter 7A requiring new buildings in VHFHSZs to use ignition resistant construction methods and materials. These new codes include provisions to improve the ignition resistance of buildings, especially from firebrands. The updated very high fire hazard severity zones will be used by building officials for new building permits in LRA. The updated zones will also be used to identify property whose owners must comply with natural hazards disclosure requirements at time of property sale and 100-foot defensible space clearance. It is likely that the fire hazard severity zones will be used for updates to the safety element of general plans.

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This map was developed using data products such as parcel and city boundaries provided by local government agencies. In certain cases, this includes copyrighted geographic information. The maps are for display purposes only - questions and requests related to parcel or city boundary data should be directed to the appropriate local government entity.



Projection Albers, NAD 1983  
Scale 1: 14,000  
at 36" x 36"  
July 20, 2009

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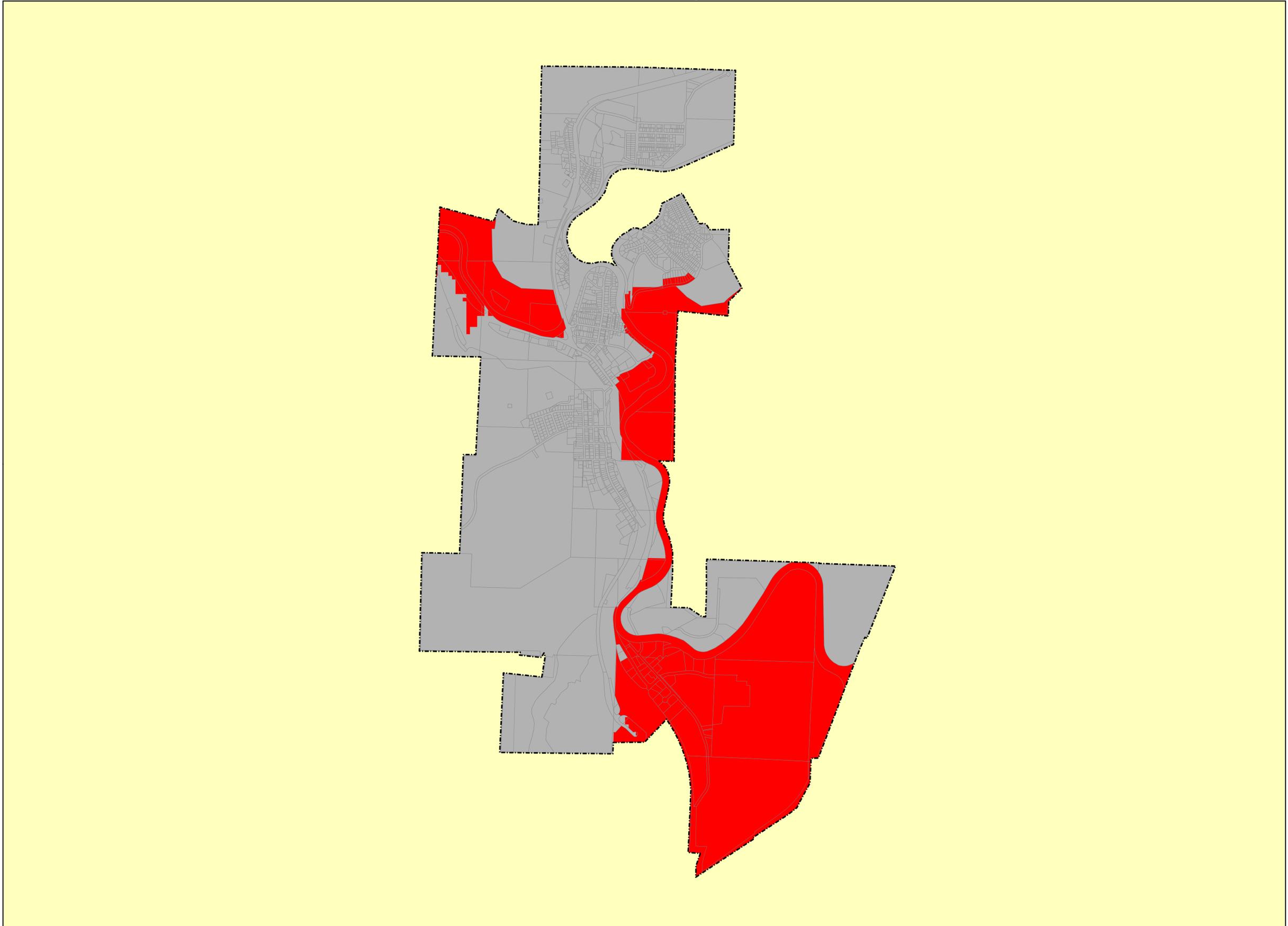
Arnold Schwarzenegger, Governor,  
State of California  
Mike Chrisman, Secretary for Natural Resources,  
The Natural Resources Agency  
Del Walters, Director,  
Department of Forestry and Fire Protection

MAP ID: FHSZL\_c47\_Dunsmuir

Obtain FRAP maps, data, metadata and publications on the Internet at <http://frap.cdf.ca.gov>  
For more information, contact CAL FIRE-FRAP, PO Box 944246, Sacramento, CA 94244-2460, (916) 327-3939.

DATA SOURCES  
CAL FIRE Fire Hazard Severity Zones (FHSZL06\_3)

## Very High Fire Hazard Severity Zones in LRA As Recommended by CAL FIRE



**Fire Hazard Severity Zones**

Local Responsibility Area	State or Federal Responsibility Areas
<span style="color: red;">■</span> VHFHSZ	<span style="color: lightgray;">■</span> VHFHSZ
<span style="color: gray;">■</span> Non-VHFHSZ	<span style="color: lightgray;">■</span> Non-VHFHSZ

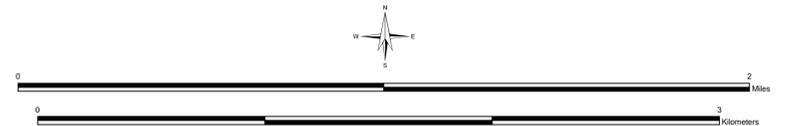
--- City Boundary
--- Parcels
--- County Boundary

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Projection Albers, NAD 1983  
Scale 1: 12,000  
at 36" x 36"  
July 20, 2009

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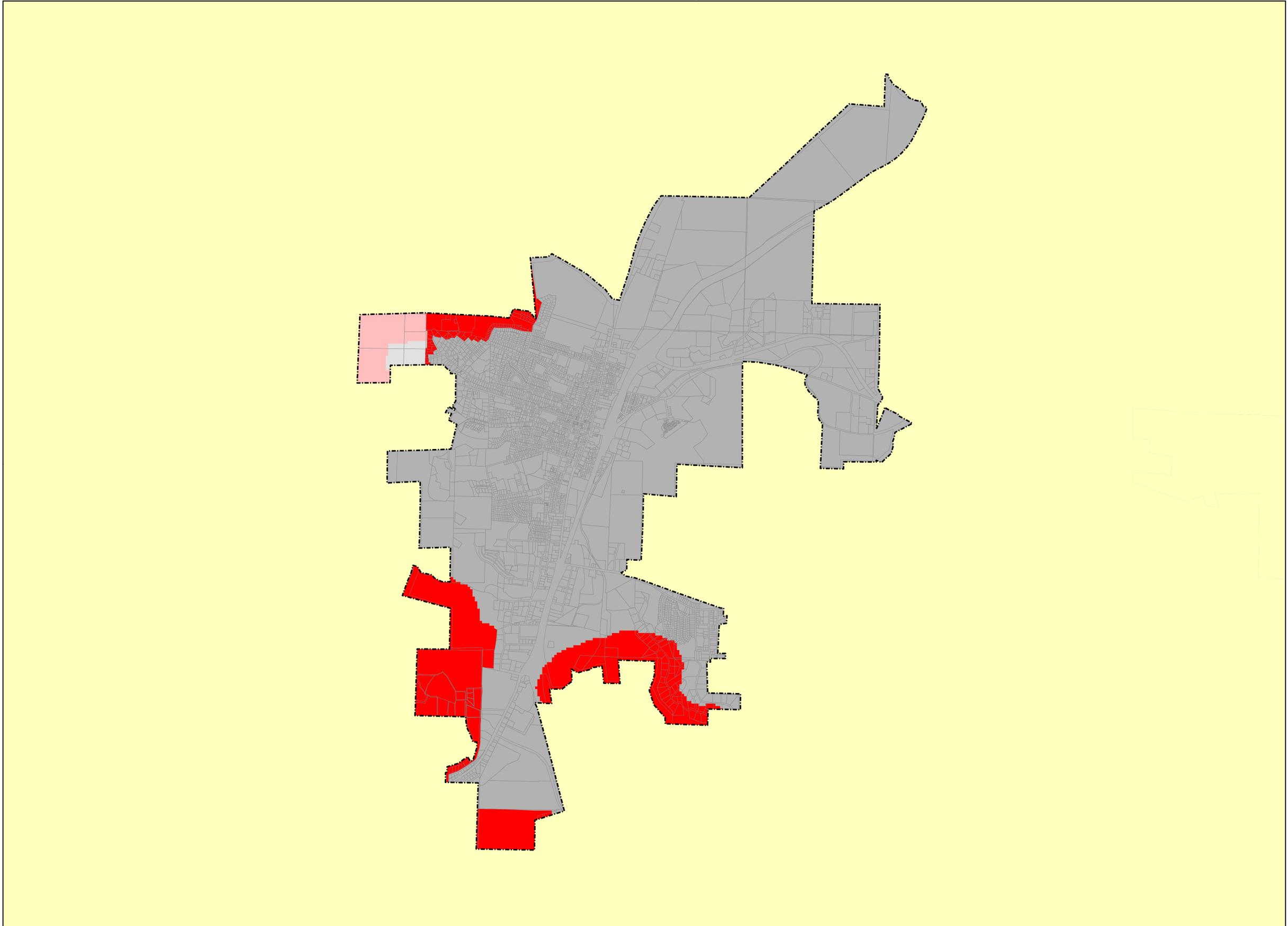
Arnold Schwarzenegger, Governor,  
State of California  
Mike Chrisman, Secretary for Natural Resources,  
The Natural Resources Agency  
Del Walters, Director,  
Department of Forestry and Fire Protection

MAP ID: FHSZL\_c47\_Weed

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For more information, contact CAL FIRE-FRAP, PO Box 944246, Sacramento, CA 94244-2460, (916) 327-3939.

DATA SOURCES  
CAL FIRE Fire Hazard Severity Zones (FHSZL06\_3)

## Very High Fire Hazard Severity Zones in LRA As Recommended by CAL FIRE



**Fire Hazard Severity Zones**

Local Responsibility Area	State or Federal Responsibility Areas
VHFHSZ	VHFHSZ
Non-VHFHSZ	Non-VHFHSZ

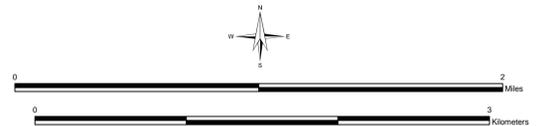
City Boundary
Parcels
County Boundary

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Projection Albers, NAD 1983  
Scale 1: 18,000  
at 36" x 36"  
July 20, 2009

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Arnold Schwarzenegger, Governor,  
State of California  
Mike Chrisman, Secretary for Natural Resources,  
The Natural Resources Agency  
Del Walters, Director,  
Department of Forestry and Fire Protection

MAP ID: FHSZL\_c47\_Yreka

DATA SOURCES  
CAL FIRE Fire Hazard Severity Zones (FHSZL06\_3)

**RESOLUTION 19-001**

**A RESOLUTION OF THE BOARD OF DIRECTORS OF THE SHASTA VALLEY RESOURCE CONSERVATION DISTRICT (RCD) APPROVING AND AUTHORIZING 2018 FOREST HEALTH WATERSHED COORDINATOR GRANT PROGRAM APPLICATION WITH THE CALIFORNIA DEPARTMENT OF CONSERVATION**

**WHEREAS**, the California Department of Conservation released the 2018 Forest Health Watershed Coordinator Grant Program October 2018; and

**WHEREAS**, the California Department of Conservation requires that a resolution of the RCD Board of Directors be adopted authorizing submittal of a funding request and authorization of entering into an agreement on behalf of the RCD; and

**WHEREAS**, Shasta Valley RCD desires to apply to the Watershed Coordination Program; and

**WHEREAS**, Shasta Valley RCD is authorized by Public Resources Code section 9408 to enter into agreements with federal or state agencies to receive funds in furtherance of Shasta Valley RCD Purpose.

**NOW, THEREFORE, BE IT RESOLVED** by the Shasta Valley Resource Conservation District Board of Directors as follows:

1. The Board of Directors hereby authorizes submittal of an application to the California Department of Conservation for Forest Health Watershed Coordination Program; and
2. The Board of Directors hereby authorizes the Shasta Valley RCD District Administrator to sign any resulting agreement, and any amendments thereto, on behalf of Shasta Valley RCD; and
3. Shasta Valley RCD's Board of Directors 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. The Board of Directors hereby authorizes the District Administrator to execute tasks, such as signing documents, related to the application, grant agreement if the project is awarded funding, on behalf of Shasta Valley RCD.

**APPROVED AND ADOPTED** by the Shasta Valley Resource Conservation District Board of Directors at regular meeting of the Board held on the 13<sup>th</sup> Day of February, 2019

AYES: Walker, Sandahl, Klug, Hirt

NOES: Ø

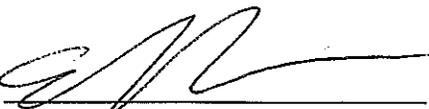
ABSTAIN: Ø

ABESENT: Robertson

  
Chair, Board of Directors

**CERTIFICATION**

I do hereby certify that the foregoing is a full, true, and correct copy of a resolution duly and regularly adopted at a meeting of the SVRCD held on February 13, 2019.



Attest

Edward J Stanton



February 8, 2019

Department of Conservation  
Division of Land Resource Protection  
Watershed Coordinator Program Manager  
801 K Street, MS 14-15  
Sacramento, CA 95814

To Whom it May Concern,

The Upper Sacramento River Regional Watershed Action Group (USR RWAG) is pleased to submit a statement of interest in collaborating with Shasta Valley Resource Conservation District (SVRCD), as referenced in its *Cascade Range Watersheds Forest Health Coordinator* grant proposal submitted to Department of Conservation. The members of the USR RWAG believe that specifically supporting and coordinating the broad stakeholder interests in watershed and forest health in eastern Siskiyou County will greatly benefit the region beyond the specific geography of the proposal. The USR RWAG has oversight responsibilities for the *Upper Sacramento, McCloud, and Upper Pit Integrated Regional Watershed Management Plan* (IRWMP) that overlaps the southern portion of SVRCD's proposed Coordinator geography. The goals of the USR RWAG, as presented in the IRWMP, recognize the value of forested watersheds for "providing habitat for wildlife; clean water for rivers; family wage jobs; economic output; agriculture, and human use and consumption; and provide for a buffer as climate change alters regional hydrology and temperature regimes. Forest health also includes fuels management to control catastrophic wildfire and insect infestations." SVRCD's proposal is consistent with this perspective, and the USR RWAG looks forward to assigning a participant to work with the Watershed Coordinator.

The USR RWAG believes this proposal will be effective by having a trusted local partner facilitate the development and implementation of watershed improvement plans that benefit landowners, businesses, municipalities, and public agencies, and with outcomes that are consistent with the California Forest Carbon Plan, the Governor's Executive Order B-52-18, and the IRWMP. With this regional approach of watershed-scale collaboration, integrated watershed stewardship, and local participation in prioritization, we see high chance for tangible results that benefit our communities well into the future. We look forward to partnering on this important role for SVRCD.

Sincerely,

A handwritten signature in black ink that reads "Courtney Laverty".

Courtney Laverty

Administrator; USR RWAG

PO Box 670  
Mount Shasta, CA 96067  
rwag.usr@gmail.com

2/13/19

Department of Conservation  
Division of Land Resource Protection  
Watershed Coordinator Program Manager  
801 K Street, MS 14-15  
Sacramento, CA 95814

To Whom it May Concern,

Blue Forest Conservation (Blue Forest) is pleased to submit a statement of interest to participate with Shasta Valley Resource Conservation District (SVRCD) in seeking funding mechanisms for forest health implementation projects in Siskiyou County. Blue Forest recognizes the value of the types of forest management projects such as referenced in SVRCD's *Mount Shasta Region Watersheds Coordinator grant* proposal submitted to Department of Conservation. SVRCD and Blue Forest have had early conversations about potential opportunities; Blue Forest is encouraged by the partnerships SVRCD already has in place.

Blue Forest launched the first Forest Resilience Bond project in the Tahoe National Forest in 2018. We have a national MOU with the USFS to bring this innovative financing vehicle to other national forests, and, there is tremendous need for such investment in the watersheds of Mt. Shasta and Siskiyou County. But for this financing vehicle to be deployed, projects need to be planned or with planning underway. A watershed coordinator who can organize the necessary collaboration to lead and achieve project planning would be of significant support to make these landscape resiliency projects viable and allow for Blue Forest to develop the financing vehicles to fund project implementation.

Blue Forest believes this project can have clear benefits by having a trusted local partner facilitate the development and implementation of watershed improvement plans that benefit landowners, businesses, municipalities, and public agencies, and the outcomes will be consistent with the California Water Action Plan, California Forest Carbon Plan, and the Governor's Executive Order B-52-18. With this regional approach of watershed-scale collaboration, integrated watershed stewardship, and local participation in prioritization, we see a high chance for tangible results that benefit communities well into the future. Blue Forest hopes it can help meet SVRCD's ambitious goals for Siskiyou County and strongly supports Shasta Valley Resource Conservation District's proposal for a Watershed Coordinator.

Sincerely,



Nick Wobbrock  
Co-Founder & Partner  
Blue Forest Conservation  
[nick@blueforestconservation.com](mailto:nick@blueforestconservation.com)  
503-705-7720



**DEPARTMENT OF FORESTRY AND FIRE PROTECTION**

P.O. Box 128  
YREKA, CA 96097  
(530) 842-3516

Website: [www.fire.ca.gov](http://www.fire.ca.gov)



January 17, 2019

Department of Conservation  
Division of Land Resource Protection  
Watershed Coordinator Program Manager  
801 K Street, MS 14-15  
Sacramento, CA 95814

To Whom It May Concern:

The Siskiyou Unit of the California Department of Forestry and Fire Protection (CAL FIRE) is in support of the Shasta Valley Resource Conservation District's (SVRCD) grant proposal to fund a *Cascade Range Watersheds Forest Health Coordinator*. The forested watersheds around Mount Shasta are in need of management strategies designed to reduce fire danger and improve forest health. This position would specifically support and coordinate the stakeholder interests in watershed, forest health and fuel reduction which would greatly benefit Siskiyou County.

I welcome the opportunity to collaborating with the SVRCD in the development and implementation of watershed improvement plans that would benefit landowners, businesses, municipalities, and public agencies. With this regional approach of watershed-scale collaboration, integrated watershed stewardship, and local participation in prioritization, I anticipate a high chance for tangible results that benefit our communities well into the future. In addition, the resulting projects will be consistent with the California Forest Carbon Plan, the Governor's Executive Order B-52-18, and the state Strategic Fire Plan.

Sincerely,

A handwritten signature in blue ink that reads "Phillip A. Anzo".

PHILLIP A. ANZO  
Unit Chief



February 6, 2019

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

To Whom it May Concern,

The Gold Ridge RCD is pleased to submit a letter of support for the two grant proposals for the North and Central Coast Region (*North Coast Watersheds Forest Health Coordinator Area A* and *North Coast Watersheds Forest Health Coordinator Area B*) and one proposal for the Sierra Nevada and Cascades Region (*Mount Shasta Region Watersheds Coordinator*). The *Area A* proposal is being submitted by the Humboldt County Resource Conservation District, in direct collaboration with Mendocino County Resource Conservation District, Lake County Resource Conservation District, Napa County Resource Conservation District, Sonoma Resource Conservation District, Gold Ridge Resource Conservation District and Marin Resource Conservation District. The *Area B* proposal is being submitted by the Trinity County Resource Conservation District, in direct partnership with Humboldt County Resource Conservation District, Shasta Valley Resource Conservation District, Siskiyou Resource Conservation District, and Del Norte Resource Conservation District. The *Mount Shasta Region* proposal is being submitted by Shasta Valley Resource Conservation District. Jointly these proposals represent the whole group of 11 RCDs that have been working together for the past 2 years to solidify and deepen our partnerships, increase what we can offer our communities and broaden our reach. It is expected by March 2019 that all 11 RCDs will have signed a Memorandum of Understanding officiating our desire for concentrated and lasting partnership. These three proposals are being submitted as our first collaborative effort with this MOU in place.

Our District feels that the three proposals will greatly benefit the whole of Northwestern California by supporting and coordinating the many efforts and addressing the great need to improve watershed and forest health in the some of the state's most important watersheds and forests. Our District is one of the North Coast Resource Conservation District Collaborative and is a partner on these grants. The Gold Ridge RCD covers the southwest portion of Sonoma County and includes area in the Tomales Drake, Gualala Salmon and Russian River Hydrologic Units.

Our District believes this proposal will be the most effective way to maximize collaboration and successfully facilitate the development and implementation of watershed improvement plans consistent with the California Forest Carbon Plan and Governor's Executive Order B-52-18. With just two coordinator positions being funded for the coast, we feel this regional approach will have the greatest positive effect to support watershed-scale collaborations, integrated watershed management efforts and local implementation activities to restore resilience to our forestlands. The proposal being submitted by Shasta Valley RCD allows this large regional collaborative to also reach into adjacent watersheds and collaborate with Resource Conservation Districts that are not party to our MOU. Additionally, this proposal will bring in resources, funding and technical assistance to an underserved region that also supports exceptional carbon stores.

We would like not only to offer our support but also our commitment to collaborate closely with the Coordinators, if funded, to ensure the greatest outcomes. If these proposals are funded, we commit the following resources to the partnership:

- Time of our Executive Director in providing guidance to the coordinator
- A desk when the Coordinator is in our region
- Time from our Outreach and Project Manager to assist Coordinator in making connections for the purpose of the Watershed Improvement Plan and Grant proposals
- 

Sincerely,

A handwritten signature in blue ink that reads "Brittany Jensen". The signature is written in a cursive, flowing style.

Brittany Jensen, Executive Director

[Brittany@goldridgercd.org](mailto:Brittany@goldridgercd.org), 707-823-5244

THOMAS D. HICKS  
ATTORNEY AT LAW

**BY EMAIL ONLY**

February 15, 2019

Department of Conservation  
Division of Land Resource Protection  
Watershed Coordinator Program Manager  
801 K Street, MS 14-15  
Sacramento, CA 95814

**RE: Shasta Valley Resource Conservation District  
Letter of Support  
*Cascade Range Watersheds Forest Health Coordinator grant proposal***

To Whom it May Concern,

Hicks Law is a California water law, real property, and conservation firm that represents a variety of public interest organizations, landowners, and others on select public policy, transactional, administrative, regulatory, fundraising, and litigation matters. Hicks Law represents and protects landowners' legal rights and interests across California, including the Shasta Valley Resource Conservation District (SVRCD).

Hicks Law is pleased to submit a statement of interest to collaborate with SVRCD, as referenced in its *Cascade Range Watersheds Forest Health Coordinator* grant proposal submitted to Department of Conservation. I advise SVRCD on a Shasta Valley Watershed project, and I have agreed to provide additional legal counsel on a reduced-fee, public interest basis to assist SVRCD in achieving some truly cutting-edge approaches to water conservation. Based on my experience in Siskiyou County, more support to coordinate the broad stakeholder interests in watershed and forest health in the county is a critical need.

Hicks Law believes this proposal will be effective due to its locally driven partnership to facilitate the development and implementation of watershed improvement plans that benefits landowners, businesses, municipalities, and public agencies, and the outcomes will be consistent with the California Forest Carbon Plan and Governor's Executive Order B-52-18. With this regional approach of watershed-scale collaborations, integrated watershed stewardship, and local participation in prioritization, there is a strong likelihood to achieve tangible results that benefit our communities well into the future. Please call me directly at 415.309.2098 if you have any questions or I can be of any further assistance.

Sincerely,



Thomas Hicks



**Lake County Resource Conservation District**

889 Lakeport Blvd. Lakeport, CA 95453

Phone (707) 263 4180

E-mail [info@lakercd.org](mailto:info@lakercd.org)

**Harry Lyons**

President

29 January 2019

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

To Whom it May Concern,

The Lake County Resource Conservation District (LCRCD) is pleased to submit a letter of support for two grant proposals *North Coast Watersheds Forest Health Coordinator Area A* and *North Coast Watersheds Forest Health Coordinator Area B* and one proposal for the Sierra Nevada and Cascades Region (*Mount Shasta Region Watersheds Coordinator*).

The *Area A* proposal is being submitted by the following Resource Conservation Districts: Humboldt County Resource Conservation District, Mendocino County Resource Conservation District, Lake County Resource Conservation District, Napa County Resource Conservation District, Sonoma Resource Conservation District, Gold Ridge Resource Conservation District and Marin Resource Conservation District.

The *Area B* proposal is being submitted by the following Resource Conservation Districts: Trinity County Resource Conservation District, Humboldt County Resource Conservation District, Shasta Valley Resource Conservation District, Siskiyou Resource Conservation District, and Del Norte Resource Conservation District.

The proposal for the *Mount Shasta Region* is being submitted by Shasta Valley Resource Conservation District. It allows collaboration to reach into adjacent watersheds, outside our Coastal MOU.

Our organization feels that the funding of the three proposals will greatly benefit Northwestern California, including our jurisdiction in Lake County in the heart of Area A which includes key elements of the Cache Creek, Putah Creek, and Eel River Watersheds. Our organization believes this proposal will be the most effective way to maximize collaboration and successfully facilitate the development and implementation of watershed improvement plans consistent with the California Forest Carbon Plan and Governor's Executive Order B-52-18.

With just two coordinator positions being funded for the coast, we feel this regional approach will have the greatest positive effect to support watershed-scale collaborations, integrated watershed management efforts and local implementation activities to restore resilience to our forestlands.

Sincerely,

A handwritten signature in blue ink that reads "Harry Lyons".

Harry Lyons  
President LCRCD

[lyons.harry@att.net](mailto:lyons.harry@att.net)

707.540.2015

# CITY OF DUNSMUIR

"Home of the Best Water on Earth"



February 14, 2019

Department of Conservation  
Division of Land Resource Protection  
Watershed Coordinator Program Manager  
801 K Street, MS 14-15  
Sacramento, CA 95814

To Whom it May Concern,

The City of Dunsmuir is pleased to submit a statement of interest to collaborate with Shasta Valley Resource Conservation District (SVRCD), as referenced in its *Cascade Range Watersheds Forest Health Coordinator* grant proposal submitted to Department of Conservation. The City feels a position to specifically support and coordinate the broad stakeholder interests in watershed and forest health in eastern Siskiyou County will greatly benefit the region beyond the specific geography of the proposal. For the City, the forested watersheds around Mount Shasta provide an economic and quality of life benefit, but events around the state in recent years have highlighted the risk our community also faces from its prominent position within the forest landscape. SVRCD's proposal appreciates these conflicting perspectives, and the City looks forward to collaborating with the Watershed Coordinator.

Sincerely,

A handwritten signature in blue ink that reads "Mark Brannigan".

Mark Brannigan  
City Manager  
City of Dunsmuir



# Humboldt County Resource Conservation District

5630 South Broadway Eureka, CA 95503

Phone (707) 442-6058 Ext. 5

hered@yahoo.com

February 6, 2019

Department of Conservation  
Division of Land Resource Protection  
Watershed Coordinator Program Manager  
801 K Street, MS 14-15  
Sacramento, CA 95814

To Whom it May Concern,

The Humboldt County Resource Conservation District is pleased to submit a letter of support for the one grant proposal for the North and Central Coast Region (*North Coast Watersheds Forest Health Coordinator Area A* and *North Coast Watersheds Forest Health Coordinator Area B*) and one proposal for the Sierra Nevada and Cascades Region (*Mount Shasta Region Watersheds Coordinator*). The *Area A* proposal is being submitted by the Humboldt County Resource Conservation District, in direct collaboration with Mendocino County Resource Conservation District, Lake County Resource Conservation District, Napa County Resource Conservation District, Sonoma Resource Conservation District, Gold Ridge Resource Conservation District and Marin Resource Conservation District. The *Area B* proposal is being submitted by the Trinity County Resource Conservation District, in direct partnership with Humboldt County Resource Conservation District, Shasta Valley Resource Conservation District, Siskiyou Resource Conservation District, and Del Norte Resource Conservation District. The Mount Shasta Region proposal is being submitted by Shasta Valley Resource Conservation District. Jointly these proposals represent the whole group of 11 RCDs that have been working together for the past 2 years to solidify and deepen our partnerships, increase what we can offer our communities and broaden our reach. It is expected by March 2019 that all 11 RCDs will have signed a Memorandum of Understanding officiating our desire for concentrated and lasting partnership. These three proposals are being submitted as our first collaborative effort with this MOU in place.

As part of the North Coast Resource Conservation District Collaborative and a partner on these grants, our District feels that the three proposals will greatly benefit the whole of Northwestern California and Humboldt County watersheds by supporting and coordinating the many efforts and addressing the great need to improve watershed and forest health in the some of the state's most important watersheds and forests. Humboldt County RCD is proud to serve landowners and land managers throughout the entirety of Humboldt County, including the following Lower Klamath, Trinity, South Fork Trinity, Redwood-Mad, Lower Eel, South Fork Eel, and Mattole watersheds.

Our District believes this proposal will be the most effective way to maximize collaboration and successfully facilitate the development and implementation of watershed improvement plans consistent with the California Forest Carbon Plan and Governor's Executive Order B-52-18. With just two coordinator positions being funded for the coast, we feel this regional approach

will have the greatest positive effect to support watershed-scale collaborations, integrated watershed management efforts and local implementation activities to restore resilience to our forestlands. The proposal being submitted by Shasta Valley RCD allows this large regional collaborative to also reach into adjacent watersheds and collaborate with Resource Conservation Districts that are not party to our MOU. Additionally, this proposal will bring in resources, funding and technical assistance to an underserved region that also supports exceptional carbon stores.

We would like not only to offer our support but also our commitment to collaborate closely with the Coordinators, if funded, to ensure the greatest outcomes. If these proposals are funded, we commit the following resources to the partnership:

- Time of our Executive Director in providing guidance to the coordinator
- Meeting when the Coordinator is in our region
- Time from our staff to assist Coordinator in making connections for the purpose of the Watershed Improvement Plan and Grant proposals

Sincerely,

A handwritten signature in blue ink, appearing to read "Jill Demers", is written over a light blue grid background.

Jill Demers  
Executive Director  
Humboldt County Resource Conservation District



Ore-Cal Resource Conservation & Development Area Council  
Mailing: P.O. Box 383  
Technology Building- South end Yreka Campus  
Yreka, California 96097  
Phone: (530) 643-6574  
Email: [orecal-director@cot.net](mailto:orecal-director@cot.net)  
Website: <http://orecalrcdc.org>

**“Ore-Cal’s mission is to increase the vitality of our natural resource-based communities.”**

February 11, 2019

Department of Conservation  
Division of Land Resource Protection  
Watershed Coordinator Program Manager  
801 K Street, MS 14-15  
Sacramento, CA 95814

To Whom it May Concern,

The Ore-Cal Resource Conservation and Development Council (Ore-Cal RC&D Council) is pleased to submit a statement of interest to collaborate with Shasta Valley Resource Conservation District (SVRCD), as referenced in its *Cascade Range Watersheds Forest Health Coordinator* grant proposal submitted to Department of Conservation. Ore-Cal RC&D Council feels a position to specifically support and coordinate the broad stakeholder interests in watershed and forest health in eastern Siskiyou County will greatly benefit the region, not just within the proposal area but also well beyond the specific geography described in the proposal. For Ore-Cal RC&D Council, the forested watersheds Shasta Valley are at high risk to stand replacing fire and associated loss of property, lives, and watershed health. This heavily forested WUI land is in critical need of fuel and forest health treatment. As a partner with SVRCD, we know SVRCD appreciates these perspectives, and we look forward to collaborating with the Watershed Coordinator.

Ore-Cal RC&D Council believes this project will be effective in having a trusted local partner facilitate the development and implementation of watershed improvement plans to benefit landowners, businesses, municipalities, and public agencies, and the outcomes will be consistent with the California Forest Carbon Plan, the Governor’s Executive Order B-52-18, and the state Strategic Fire Plan. With this regional approach of watershed-scale collaboration, integrated watershed stewardship, and local participation in prioritization will increase the pace of results to benefit our communities.

Sincerely,

George L Jennings

Executive Director



February 4, 2019

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

To Whom it May Concern,

The Mt Veeder Fire Safe Council and Napa Communities Firewise Foundation are pleased to submit a letter of support for the *North Coast Watersheds Forest Health Coordinator Area A* grant proposal being submitted by seven Resource Conservation Districts: Humboldt County Resource Conservation District, Mendocino County Resource Conservation District, Lake County Resource Conservation District, Napa County Resource Conservation District, Sonoma Resource Conservation District, Gold Ridge Resource Conservation District and Marin Resource Conservation District. Our organization feels a position to support and coordinate the vast efforts to improve watershed and forest health will greatly benefit the whole region.

Our organization believes this proposal will be the most effective way to maximize collaboration and successfully facilitate the development and implementation of watershed improvement plans consistent with the California Forest Carbon Plan and Governor's Executive Order B-52-18. With just two coordinator positions being funded for the coast, we feel this regional approach will have the greatest positive effect to support watershed-scale collaborations, integrated watershed management efforts and local implementation activities to restore resilience to our forestlands. Additionally, this proposal will bring in resources, funding and technical assistance to an underserved region.

We would like not only to offer our support but also our commitment to partner closely with a Coordinator if funded to ensure the greatest outcomes. If this proposal is funded, we commit the following resources to the partnership:

- Staff or volunteer time to orient the Coordinator to Napa County resources related to watershed and forest health.

Sincerely,

  
Name: Joseph Nordlinger

Title Chairman of MVFSC and Director at NCCFF

Organization/Contact Info 415.310.2003



241 W First St, Suite B, Smith River, CA 95567  
707.487.7630 | DelNorteRCD@yahoo.com

February 14, 2019

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

To Whom it May Concern,

The Del Norte Resource Conservation District is pleased to submit a letter of support for the two grant proposals for the North and Central Coast Region (*North Coast Watersheds Forest Health Coordinator Area A* and *North Coast Watersheds Forest Health Coordinator Area B*) and one proposal for the Sierra Nevada and Cascades Region (*Mount Shasta Region Watersheds Coordinator*). The *Area A* proposal is being submitted by the Humboldt County Resource Conservation District, in direct collaboration with Mendocino County Resource Conservation District, Lake County Resource Conservation District, Napa County Resource Conservation District, Sonoma Resource Conservation District, Gold Ridge Resource Conservation District and Marin Resource Conservation District. The *Area B* proposal is being submitted by the Trinity County Resource Conservation District, in direct partnership with Humboldt County Resource Conservation District, Shasta Valley Resource Conservation District, Siskiyou Resource Conservation District, and Del Norte Resource Conservation District. The *Mount Shasta Region* proposal is being submitted by Shasta Valley Resource Conservation District. Jointly these proposals represent the whole group of 11 RCDs that have been working together for the past 2 years to solidify and deepen our partnerships, increase what we can offer our communities and broaden our reach. It is expected by March 2019 that all 11 RCDs will have signed a Memorandum of Understanding officiating our desire for concentrated and lasting partnership. These three proposals are being submitted as our first collaborative effort with this MOU in place.

Our District feels that the three proposals will greatly benefit the whole of Northwestern California by supporting and coordinating the many efforts and addressing the great need to improve watershed and forest health in the some of the state's most important watersheds and forests. Our District is one of the North Coast Resource Conservation District Collaborative and is a partner on these grants.

Our District believes this proposal will be the most effective way to maximize collaboration and successfully facilitate the development and implementation of watershed improvement plans consistent



241 W First St, Suite B, Smith River, CA 95567  
707.487.7630 | DelNorteRCD@yahoo.com

with the California Forest Carbon Plan and Governor's Executive Order B-52-18. With just two coordinator positions being funded for the coast, we feel this regional approach will have the greatest positive effect to support watershed-scale collaborations, integrated watershed management efforts and local implementation activities to restore resilience to our forestlands. The proposal being submitted by Shasta Valley RCD allows this large regional collaborative to also reach into adjacent watersheds and collaborate with Resource Conservation Districts that are not party to our MOU. Additionally, this proposal will bring in resources, funding and technical assistance to an underserved region that also supports exceptional carbon stores.

We would like not only to offer our support but also our commitment to collaborate closely with the Coordinators, if funded, to ensure the greatest outcomes. If these proposals are funded, we commit the following resources to the partnership:

- Time of our Executive Director in providing guidance to the coordinator
- A desk when the Coordinator is in our region
- Time from our Outreach and Project Manager to assist Coordinator in making connections for the purpose of the Watershed Improvement Plan and Grant proposals

Sincerely,

A handwritten signature in blue ink, appearing to read "Steven Westbrook", written over a light blue horizontal line.

Steven Westbrook

Chairman, Del Norte Resource Conservation District

## North Coast Regional Water Quality Control Board

February 15, 2019

Department of Conservation  
Division of Land Resource Protection  
Watershed Coordinator Program Manager  
801 K Street, MS 14-15  
Sacramento, CA 95814

To Whom it May Concern:

Subject: 2018 Forest Health Watershed Coordinator Program

The North Coast Regional Water Quality Control Board (Regional Water Board) strongly supports the Shasta Valley Resource Conservation District's (Shasta Valley RCD) project as referenced in SVRCD's *Mount Shasta Region Watersheds Coordinator* grant proposal submitted to Department of Conservation. The Regional Water Board and the Shasta Valley RCD have worked collaboratively on water quality issues, including implementation of the Shasta River and Scott River Total Maximum Daily Load (TMDL) Action Plans, in the Shasta River Watershed for several decades through grants, contracts, interagency coordination, and key initiatives. As climate change continues drive fire regime change and impose regional challenges, the ability to build greater collaboration across Conservation District boundaries to address forest health will be a crucial strategic advantage to the State of California. This proposal will support the Shasta Valley RCD – and other RCDs - in protecting water quality, public health and safety, and forest health across the north coast region.

The Regional Water Board believes this project will be effective in having a trusted local partner facilitate the development and implementation of watershed improvement plans that benefit landowners, businesses, municipalities, and public agencies, and the outcomes will be consistent with the California Water Action Plan, California Forest Carbon Plan, and the Governor's Executive Order B-52-18. In addition, these activities will address many forest management issues that contribute to water quality impairments within both the Shasta and Scott watersheds, contributing to underserved components of both TMDL Action Plans. With this regional approach of watershed-scale collaboration, integrated watershed stewardship, and local participation in prioritization, we see high chance for tangible results that benefit our communities well into the future.

Sincerely,

Elias Scott  
Scott and Shasta Watershed Steward

190215\_EWS\_mc\_SVRCD\_LoS\_ForestHealth



February 6, 2019

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

To Whom it May Concern,

The Marin Resource Conservation District is pleased to submit a letter of support for the two grant proposals for the North and Central Coast Region (*North Coast Watersheds Forest Health Coordinator Area A* and *North Coast Watersheds Forest Health Coordinator Area B*) and one proposal for the Sierra Nevada and Cascades Region (*Mount Shasta Region Watersheds Coordinator*). The *Area A* proposal is being submitted by the Humboldt County Resource Conservation District, in direct collaboration with Mendocino County Resource Conservation District, Lake County Resource Conservation District, Napa County Resource Conservation District, Sonoma Resource Conservation District, Gold Ridge Resource Conservation District and Marin Resource Conservation District. The *Area B* proposal is being submitted by the Trinity County Resource Conservation District, in direct partnership with Humboldt County Resource Conservation District, Shasta Valley Resource Conservation District, Siskiyou Resource Conservation District, and Del Norte Resource Conservation District. The *Mount Shasta Region* proposal is being submitted by Shasta Valley Resource Conservation District. Jointly these proposals represent the whole group of 11 RCDs that have been working together for the past 2 years to solidify and deepen our partnerships, increase what we can offer our communities and broaden our reach. It is expected by March 2019 that all 11 RCDs will have signed a Memorandum of Understanding officiating our desire for concentrated and lasting partnership. These three proposals are being submitted as our first collaborative effort with this MOU in place.

Our District feels that the three proposals will greatly benefit the whole of Northwestern California by supporting and coordinating the many efforts and addressing the great need to improve watershed and forest health in the some of the state's most important watersheds and forests. Our District is one of the North Coast Resource Conservation District Collaborative and is a partner on these grants. The Marin RCD covers the southernmost area of the Northern Coastal range. The area contains private, local, county, state and federally managed forestland intermixing with wildland urban centers that drain into the Pacific Ocean and San Pablo Bay.

Our District believes this proposal will be the most effective way to maximize collaboration and successfully facilitate the development and implementation of watershed improvement plans consistent with the California Forest Carbon Plan and Governor's Executive Order B-52-18. With just two coordinator positions being funded for the coast, we feel this regional approach will have the greatest positive effect to support watershed-scale collaborations, integrated watershed management efforts and local implementation activities to restore resilience to our forestlands. The proposal being



submitted by Shasta Valley RCD allows this large regional collaborative to also reach into adjacent watersheds and collaborate with Resource Conservation Districts that are not party to our MOU. Additionally, this proposal will bring in resources, funding and technical assistance to an underserved region that also supports exceptional carbon stores.

We would like not only to offer our support but also our commitment to collaborate closely with the Coordinators, if funded, to ensure the greatest outcomes. If these proposals are funded, we commit the following resources to the partnership:

- Time of our Executive Director in providing guidance to the coordinator
- A desk when the Coordinator is in our region
- Time from our Marin RCD staff to assist Coordinator in making connections to Marin County Fire, FireSafe Marin, OneTam, Marin Municipal Water District, Golden Gate National Recreation Area/Point Reyes National Seashore, Marin County Parks and Open Space and Samuel P Taylor State Park for the purpose of the Watershed Improvement Plan and Grant proposals

Sincerely,

A handwritten signature in blue ink, appearing to read "Nancy Scolari".

Nancy Scolari  
Executive Director  
Marin RCD



Napa County Resource Conservation District  
1303 Jefferson St., Ste. 500B  
Napa, California 94559  
Phone: (707) 252-4189

[www.NapaRCD.org](http://www.NapaRCD.org)

January 31, 2019  
Department of Conservation  
Division of Land Resource Protection  
Watershed Coordinator Program Manager  
801 K Street, MS 14-15  
Sacramento, CA 95814

To Whom it May Concern,

The Napa County Resource Conservation District is pleased to submit a letter of support for the Shasta Valley Resource Conservation District's (SVRCD) *Cascade Range Watershed Forest Health Coordinator* grant proposal. As a co-signatory with SVRCD of an anticipated Memorandum of Understanding among Resource Conservation Districts from San Pablo Bay to Butte Valley, our District feels a position to support and coordinate the broad interests in watershed and forest health in eastern Siskiyou County will prove widely beneficial to the residents and businesses in the region. The Coordinator to be sponsored by the grant to SVRCD will also collaborate with Watershed Coordinators to be tentatively funded by the same grant program to serve the North Coast region, so SVRCD's program has the potential to influence watershed health far beyond the Cascade Range of Siskiyou County.

Napa County RCD believes this proposal will be a highly effective means to build community participation into planning regional watershed improvement priorities consistent with the California Forest Carbon Plan and Governor's Executive Order B-52-18. A regional, cross-ownership approach will have meaningful, positive impact on watershed-scale stewardship and integrated watershed management efforts. Additionally, this proposal will be leveraged bring in future resources, funding and technical assistance to an underserved region.

We look forward to communicating our own thoughts on forest watershed priorities for Siskiyou County with the Coordinator to be funded by this grant. We strongly encourage the Department of Conservation to fulfill Shasta Valley RCD's capacity-building grant request

Sincerely,

A handwritten signature in black ink, appearing to read "Lucas Patzek".

Lucas Patzek  
Napa County Resource Conservation District  
[Lucas@NapaRCD.org](mailto:Lucas@NapaRCD.org)



United States Department of Agriculture

Natural Resource Conservation Service  
Yreka Service Center  
215 Executive Court, Suite A  
Yreka, CA 96097

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May 15, 2018

Department of Conservation  
Division of Land Resource Protection  
Watershed Coordinator Program Manager  
801 K Street, MS 14-15  
Sacramento, CA 95814

To Whom it May Concern,

The Yreka and Tule Lake Field Offices of the Natural Resource Conservation Service are pleased to submit a statement of interest to collaborate with Shasta Valley Resource Conservation District (SVRCD), as referenced in its *Mount Shasta Region Watershed Coordinator* grant proposal submitted to Department of Conservation. NRCS views the coordination and support of broad interests in watershed and forest health in western and eastern Siskiyou County as benefiting the region and sees the inclusion of the representation of nonindustrial private forests as essential. NRCS works with these landholders through Farm Bill programs and has worked with landholders and conservation partners to improve fire resiliency and forest health throughout Siskiyou County. NRCS commits to working with the SVRCD through specific activities and a general Technical Advisory Committee.

Approaches that utilize a trusted local partner to facilitate the development and implementation of watershed improvement plans that benefits landowners, businesses, municipalities, and public agencies will be effective in producing the outcomes consistent with the California Forest Carbon Plan and Governor's Executive Order B-52-18. With this regional approach of watershed-scale collaborations, integrated watershed stewardship, and local participation in prioritization, we see high chance for tangible results that benefit our communities well into the future. We look forward to working with conservation partners toward this goal.

Sincerely,

James R. Patterson  
District Conservationist  
USDA-NRCS Yreka  
530-572-3119

Cc: Allison West, District Conservationist, USDA-NRCS, Tule Lake CA

# COUNTY OF SISKIYOU

## Board of Supervisors

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P.O. Box 750 □ 1312 Fairlane Rd  
Yreka, California 96097  
[www.co.siskiyou.ca.us](http://www.co.siskiyou.ca.us)

(530) 842-8005  
FAX (530) 842-8013  
Toll Free: 1-888-854-2000, ext. 8005

February 19, 2019

Department of Conservation  
Division of Land Resource Protection  
Watershed Coordinator Program Manager  
801 K Street, MS 14-15  
Sacramento, CA 95814

**Subject: Letter of Support and Interest of Collaboration for Watershed Coordinator Grant**

To Whom it May Concern,

The Siskiyou County Board of Supervisors is pleased to submit a statement of support for and interest in collaborating with Shasta Valley Resource Conservation District (SVRCD) (and the Siskiyou and Trinity Resource Conservation Districts through the agreement between the three RCD's), as referenced in its *Mount Shasta Region Watersheds Coordinator* proposal submitted to Department of Conservation (Department). A watershed coordinator position housed at SVRCD is an effective and targeted use of resources in support of forest health and fire risk mitigation in the County. SVRCD's proposal includes goals to support and coordinate the broad stakeholder interests in watershed and forest health in the County that will greatly benefit the region, not just within the proposal area but throughout the County. The proposal area covers watersheds of great importance to the State of California, as well as some of the state's wildfire-prone communities, and the County encourages the Department to invest in this effort by SVRCD to bring additional capacity.

The County has always supported and participated in efforts to address forest health and reduce the catastrophic wildfire throughout the County. The SVRCD's application outlines goals that represent great crossover with the goals of the County; including focus on projects that improve forest health and fire resilience, expansion and improvement of forest management to enhance ecosystem health and resilience, improvements to the health and resilience of forestlands across public and private ownerships, restoration of prescribed fire and insect management activities, goals in sustainable commercial timber harvesting operations, restoration of mountain meadow habitat, reduction of conversion to non-forest uses, creation of capacity for collaborative planning and implementation at the landscape and watershed level, and protection and management of forests in the region's urbanized communities along major transportation corridors. As part of this letter of support the County proposes an agreement or Memorandum of Understanding between the SVRCD and the County to outline a process of implementing these goals in consistency with the similar goals of the County. The County is

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Brandon Criss  
District 1

Ed Valenzuela  
District 2

Michael N. Kobseff  
District 3

Lisa Nixon  
District 4

Ray Haupt  
District 5

also in the early stages of developing a Master Stewardship Agreement with the Klamath National Forest and sees a unique opportunity to work with SVRCD through this grant to both develop the MSA and implement the goals as outlined above.

The Board of Supervisors believes this project will be effective in having a trusted local partner facilitate the development and implementation of watershed improvement plans that benefit landowners, businesses, municipalities, and public agencies, and the outcomes will be consistent with the California Forest Carbon Plan, the Governor's Executive Order B-52-18, the state Strategic Fire Plan, and the County General Plan. With this regional approach of watershed-scale collaboration, integrated watershed stewardship, and local participation in prioritization, we see high chance for tangible results that benefit our communities well into the future. If you have any questions, please contact Elizabeth Nielsen.

This letter was approved by the Siskiyou County Board of Supervisors on February 19, 2019, by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

Sincerely,

Brandon A. Criss, Chair  
Board of Supervisors





## SISKIYOU RESOURCE CONSERVATION DISTRICT

P.O. Box 268, Etna, CA 96027

PHONE (530) 467-3975 FAX (530) 467-5617

Email: [sisqrcd@sisqtel.net](mailto:sisqrcd@sisqtel.net)

Website: [www.siskiyourcd.com](http://www.siskiyourcd.com)

February 1<sup>st</sup>, 2019

Department of Conservation – Division of Land Resource Protection  
Watershed Coordinator Program Manager  
801 K Street, MS 14-15  
Sacramento, CA 95814

To Whom it May Concern,

The Siskiyou Resource Conservation District (RCD) is pleased to submit a letter of support for the three grant proposals being submitted to the Forest Health Watershed Coordinator Grant Program titled: *North Coast Watersheds Forest Health Coordinator Area A*, *North Coast Watersheds Forest Health Coordinator Area B* and *Mount Shasta Region Watersheds Coordinator*. Together these proposals involve a group of 11 Resource Conservation Districts that have been working together for the past 2 years to solidify cooperation, expand collective capacity and improve the services provided to our communities. It is expected that by March 2019 all 11 Districts will have signed a Memorandum of Understanding officiating this desire for a concentrated and lasting partnership. The Siskiyou RCD feels that the regional approach encompassed by these three proposals will be highly effective in supporting watershed-scale collaborations, integrated management efforts and local implementation activities to restore resilience to our forestlands.

The Siskiyou RCD works within a geographic boundary located in the western portion of Siskiyou County that primarily includes the Scott River watershed (HUC 18010208) and the Salmon River watershed (HUC 18010210). As such, we will be working with the proposed North Coast Area B Forest Health Coordinator administered by the Trinity County RCD. Our organization believes this position will be fundamental in building stakeholder participation needed to successfully facilitate the development and implementation of watershed improvement plans consistent with the California Forest Carbon Plan and Governor's Executive Order B-52-18. Furthermore, this work will be widely beneficial to our underserved region when leveraged to secure additional resources, funding and technical assistance.

We strongly encourage the Department of Conversation to fund these applications and look forward to working with the North Coast Area B Forest Health Coordinator on setting priorities for Siskiyou County.

Respectfully,

Lindsay Magranet  
Acting District Manager  
Siskiyou Resource Conservation District



7 February 2019

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

To Whom it May Concern,

The Shasta Valley Resource Conservation District (SVRCD) is pleased to submit a letter of support for the two grant proposals for the North and Central Coast Region (*North Coast Watersheds Forest Health Coordinator Area A* and *North Coast Watersheds Forest Health Coordinator Area B*). The *Area A* proposal is being submitted by the Humboldt County Resource Conservation District, in direct collaboration with Mendocino County Resource Conservation District, Lake County Resource Conservation District, Napa County Resource Conservation District, Sonoma Resource Conservation District, Gold Ridge Resource Conservation District and Marin Resource Conservation District. The *Area B* proposal is being submitted by the Trinity County Resource Conservation District, in direct partnership with Humboldt County Resource Conservation District, Siskiyou Resource Conservation District, Del Norte Resource Conservation District, and SVRCD. The *Mount Shasta Region* proposal being submitted by SVRCD for the Sierra region is also associated with the two North Coast proposals. Jointly these three proposals represent the entirety of watersheds within the 11 Resource Conservation Districts that will execute the MOU, the result of 2 years of discussions to cultivate a regional partnership to expand capacity within our local communities. We expect by March 2019, that 11 RCDs will have signed a Memorandum of Understanding to monument the partnership. These three proposals are being submitted as our first collaborative effort under this MOU.

SVRCD feels that the North Coast proposals will greatly benefit the whole of Northwestern California by supporting and coordinating the many efforts and addressing the great need to improve watershed and forest health in some of the state's most important watersheds and forests. The *Area B* proposal includes remote watersheds within SVRCD's boundary in western Siskiyou County where SVRCD lacks the capacity to reach. Trinity RCD closely coordinated with SVRCD during this grant preparation period to ensure that the service areas or our separate grant proposals align and have sufficient gray area overlap where the regional coordinators can help us weave a longer-term collaboration in shared watersheds.

215 Executive Court, Suite A, Yreka, CA 96097  
(530) 572.3120  
[www.svr.cd.org](http://www.svr.cd.org)

SVRCD believes this approach will be extremely effective in achieving the Department's goals for collaboration and capacity building, advancing the California Forest Carbon Plan, and adhering to the Governor's Executive Order B-52-18. With just two coordinator positions being funded for the North Coast, we feel the broad regional approach presented by the linked proposals being submitted by Trinity RCD and Humboldt RCD provide a unique opportunity to affect consistent regional outcomes by applying the local knowledge of individual RCDs. The legislative authorities granted to Resource Conservation Districts also allows broad flexibility in structuring partnerships and delivering outcomes while ensuring transparency and accountability. If awarded, the three proposals being submitted by this pre-constructed collaborative will cover the Department's program region from San Pablo Bay to the Modoc Plateau. Additionally, these proposals will bring in resources, funding and technical assistance to an underserved region that also supports exceptional carbon stores and provides clean water to the state.

As part of our commitment to the regional collaboration, SVRCD can ensure:

- Time with our District Administrator and/or Forestry staff and/or Board in support of the Watershed Coordinator's goals
- Desk space when the Coordinator is in our District
- Assurance that SVRCD will make every effort within our District to support the regional watershed improvement plan(s) that result from this grant
- A willingness and desire to partner on watershed improvement projects that cross boundaries between RCDs

Sincerely,



Edward J. Stanton  
District Administrator



## Siskiyou Land Trust

### Board of Directors

Rod Merys  
Stacy Smith  
David Tucker  
Steve Bollock  
Dorinda Thompson  
Gareth Plank  
Katie LeBaron

### Organizational Support

**Executive Director**  
Renee Casterline

**Conservation  
Director**  
Kathleen Hitt

**Administration**  
Laura Bradley

**Bookkeeping**  
Sara Robinson

P.O. Box 183  
Mt. Shasta, CA  
96067

(530) 926-2259  
[www.siskiyoulandtrust.org](http://www.siskiyoulandtrust.org)

February 12, 2019

Watershed Coordinator Program Manager  
Division of Land Resource Protection  
Department of Conservation  
801 K Street, MS 14-15  
Sacramento, CA 95814

To Whom it May Concern,

The Siskiyou Land Trust (SLT) is pleased to submit a statement of interest to collaborate with Shasta Valley Resource Conservation District (SVRCD), as referenced in its *Mount Shasta Region Watersheds Coordinator* grant proposal submitted to Department of Conservation. SLT feels a staff position to specifically support and coordinate the broad stakeholder interests in watershed and forest health in eastern Siskiyou County and surroundings will greatly benefit the region within and beyond SVRCD's boundary. SLT has property interests in fee title and conservation easement within the proposed Coordinator's project area, including forests and mountain meadows, and we see a long-term need for regional collaboration to ensure our communities and the resource SLT protects are not placed at undue risk of wildfire that originates away from our lands. We are also interested in ensuring any fire that does reach our properties is met with a healthy ecosystem that can withstand the disturbance and even help minimize the risks to our neighbors by managing fuel loads on our land. SVRCD's proposal is consistent with these perspectives, and SLT looks forward to partnering with SVRCD in its role as *Mount Shasta Region Watersheds Coordinator*.

SLT believes this proposal will be effective in having a trusted local partner facilitate the development and implementation of watershed improvement plans that benefit landowners, businesses, municipalities, and public agencies, and the outcomes will be consistent with the California Forest Carbon Plan, the Governor's Executive Order B-52-18, and the SLT's mission. With this regional approach to watershed-scale collaboration, integrated watershed stewardship, and local participation in prioritization, we see high chance for tangible results that benefit our communities well into the future. We look forward to partnering on this important role for SVRCD.

Sincerely,

Kathleen Hitt, Conservation Director  
Siskiyou Land Trust  
530-739-3153  
[sltconservation@gmail.com](mailto:sltconservation@gmail.com)



# Trinity County Resource Conservation District

Post Office Box 1450 · 30 Horseshoe Lane · Weaverville, CA 96093-1450

February 12, 2019

Department of Conservation – Division of Land Resource Protection  
Watershed Coordinator Program Manager  
801 K Street, MS 14-15  
Sacramento, CA 95814

To Whom it May Concern,

The Trinity County Resource Conservation District (RCD) is pleased to submit a letter of support for the three grant proposals being submitted to the Forest Health Watershed Coordinator Grant Program titled: *North Coast Watersheds Forest Health Coordinator Area A, North Coast Watersheds Forest Health Coordinator Area B and the Mount Shasta Region Watersheds Forest Health Coordinator*. Together these proposals involve a group of 11 Resource Conservation Districts that have been working together for the past 2 years to solidify cooperation, expand collective capacity and improve the services provided to our communities. It is expected that by March 2019 all 11 Districts will have signed a Memorandum of Understanding officiating this desire for a concentrated and lasting partnership.

The Trinity County RCD feels that the regional approach encompassed by these three proposals will be highly effective in supporting watershed-scale collaborations, integrated management efforts and local implementation activities to restore resilience to our forestlands consistent with the California Forest Carbon Plan and Governor's Executive Order B-52-18.

The Trinity County RCD boundaries include all of the Trinity River Watershed and portions of the Mad River Watershed in the southern part of the county. Our experience in watershed coordination has resulted in being the lead for the Region B proposal, and we strongly support the other two proposals for funding.

This work will be beneficial to our underserved region when leveraged to secure additional resources, funding and technical assistance.

We strongly encourage the Department of Conversation to fund these applications and look forward to working with and supporting all of the regional applicants in the future.

Sincerely,

Kelly Sheen  
District Manager  
Trinity County Resource Conservation District

## **Forest Management and Restoration Working Group Membership Survey Summary**

The Forest Management and Restoration Working Group conducted a membership survey in November 2018 in order to assess the needs and issues commonly held by the wide variety of organizations, businesses and agencies who are active in forest management in California. These questions were general in nature and focus on impediments to implementation that the respondents were facing, and what actions can be taken to make forestry work capacity. The intention was to flush out and ultimately prioritize what suggestions can be forwarded to the Governor's Forest Management Task Force where tangible actions can be taken.

We received responses from 16 organizations representing state regulatory and trustee agencies, trade associations, academic/research institutions, land managers, landowners, and non-profit organizations including:

- **California Forestry Association (Calforests)** – trade association of forest professionals committed to sustainable forestry and stewardship; members include forest owners, forest product producers, and other forestry professionals; provides technical expertise, collaborates of stewardship programs, membership provides infrastructure for implementation
- **Forest Landowners of California (FLC)** – membership includes non-industrial small timberland owners; focused on education and training for small landowners, advocate for small landowner interests and scientifically based and cost effective regulations and legislation, promoting responsible long-term forest management
- **Wildlife Conservation Board** – focuses on acquisition of conservation easements and restoration of forest habitats, provide grants for restoration and management
- **Conservation Fund** – private non-profit who own and manage over 70,000 ac for sustainable forest products and are registered for the sale of carbon offset credits
- **Caltrans** –owns and manages over 250,00 ac of roadside right of way; implements vegetation management protocols and a Forest Management Program within it's right of way; employs technical staff and natural resources professionals
- **Tahoe Environmental Research Center/UC Davis** – Conducts research and monitoring, provides recommendations, and coordinates with federal, state, and non-profit groups on small-scale restoration work
- **CDFW** – responsible or trustee agency for biological resources under CEQA and CESA, review team department for THP's and other similar approvals, conduct species consultations and respond to stakeholders on California Forest Practice related actions; second largest landowner among state departments, second to California State Parks
- **CAL FIRE** –regulates forest practices in the state through oversight from the California Board of Forestry under the Forest Practices Act; fire prevention and suppression; implements prescribed burning and fuel reduction activities, collaborates with private and public land management entities
- **Associated California Loggers** – membership includes logging companies, log trucking companies, and road building companies; membership provides infrastructure for the implementation of forest management projects

- **CARB** – operates the Cap-and-Trade program including requirements for forest offset projects and quantification, under state law makes daily burn/no-burn decisions statewide, currently collaborating with multiple agencies on the development of the Natural and Working Lands Climate Change Implementation Plan
- **California Licensed Foresters Association (CLFA)** – membership includes registered professional foresters (RPF) from a variety of backgrounds (private industry, government, consulting, academic); provides continuing education and outreach
- **California State Parks** – manages several hundred thousand acres of State Park forestland including conducting fuels treatments and prescribed fire projects
- **Governor’s Office of Business and Economic Development** – provides economic and business development and permitting assistance
- **Sierra Nevada Conservancy (SNC)** – State agency that provides technical assistance, grants, and collaborative support for improving and maintaining forest health to 22 counties in the Sierra Nevada Range
- **California Association of Resource Conservation Districts (CARCD)** – supports local Resource Conservation Districts by securing grants, facilitating statewide coordination, and providing technical assistance
- **North Coast Regional Water Quality Control Board** – issue waste discharge requirements or waiver for forest management activities on federal and non-federal lands; administer grant funding for restoration and pollution control

**The following 2 lists represent the unfiltered responses received along with a number showing the amount of times that same ( or similar) response was received.**

**1. What are the top impediments to implementing forest work (# of responses):**

- Lack of funding related to implementing forest management projects including adequate staffing for project development, lack of advance payments, and grant allocations with short time frames (3 years) **(11)**
- CEQA, NEPA, and equivalent processes that are time consuming, costly, and have difficult or complicated requirements **(9)**
- Lack of infrastructure to complete forest management projects (including skilled personnel, product processing, mills, biomass plants, contractors, trucking/transportation) **(7)**
- Insufficient access to technical staff, technical assistance, or data **(4)**
- Litigation and abuse of the CEQA process that can delay or stop projects **(2)**
- Lack of clear definitions of performance metrics that can be understood and measured (ex. acres treated) **(2)**
- Unpredictable work flow or uncompetitive pay for forest management industry and workers **(2)**
- Lack of available or affordable insurance for prescribed fire projects
- Lack of public support for forest management practices
- DGS policy on mobile equipment and funding restrictions on purchasing forest management equipment

**2. What actions can be take now and long term to increase forest management capacity (# of responses):**

- Acquire additional and long term funding for forest management projects and staff to support projects **(11)**
- Implement, promote, or mandate landscape level collaborative management strategies **(5)**
- Reduce the complexity (and therefore cost) of the THP process and encourage or expand use of exemptions to the THP process that allow work to be completed more quickly, specifically for small landowners **(4)**
- Improve public messaging surrounding forest management **(3)**
- Simplify or streamline the CEQA/NEPA process for habitat restoration projects, including use of programmatic CEQA documents (ex. developing a State Parks system-wide CEQA document)
- Ensure certainty in the regulatory environment and a stable regulatory platform.
- Implement state targeted tax incentives for desires forest management activities
- Improve administrative bottlenecks
- Improve communication between landowners or managers and industry workers, matching workers with projects (potentially using EDD)
- Consider the development or revision of simple metrics for forest health such as trees/ac, basal area, and point counts and how these metrics can be used in the context of determining eligibility for THP exemptions.
- Communicating with executive management about the mission and goals of the Forest Carbon Plan in order to increase support for forest management projects within an organization
- Better utilization and understanding of CARB methodology and carbon credit tracking
- Expand monitoring and data collection in order to better inform management decisions and evaluate performance
- Additional outreach for qualified professionals to attract more people into the forest management workforce (2)

From these basic responses, we have attempted to categorize the responses of the main actions that can be taken as they relate to forestland owner types. These are intended to boil down the actions into high priority areas that can be taken to support these forestland managers. The responses from above are repeated below for each ownership type with some responses slightly modified to fit the ownership type. Emphasis for priority actions can be placed highest on those actions that transcend ownership type.

**Noncommercial private forestland owners:** These landowners generally own less than 50 acres and do not regularly engage in commercial timber operations, however they are capable of implementing at least one commercial operation per rotation age. This group owns approximately 9 million acres of the State's forestlands. Of these 9 million acres, 90% of them own less than 50 acres.

- Expand amounts and duration of expenditure periods for direct funding for cost share and grants for forest restoration activities on private lands. Practices would include non-commercial thinning, pruning, reforestation, site preparation, release and salvage operations.
- Implement targeted State tax incentives to forestland owners for desired forest management activities on forestlands within predetermined critical distances to communities.
- Increase the availability of Registered Professional Foresters or provide for exemptions to their use for certain types of forest management activities.
- Improve communication between landowners or managers and industry workers, matching workers with projects.
- Development or revision of simple metrics for forest health such as trees/ac, basal area, and point counts and how these metrics can be used in the context of determining eligibility for THP exemptions
- Reduce the complexity (and therefore cost) of the THP process and encourage or expand use of exemptions to the THP process that allow work to be completed more quickly, specifically for small landowners.
- Authorize a temporary or permanent reprieve from CEQA or establish categorical exemption for fuel reduction projects that agree to apply project type specific Best Management Practices.
- Improve public messaging surrounding forest management
- Create Regional Forestry Services Cooperative that establishes a systematic technical assistance, project development and implementation program that can be made available to small landowners with a distinct set of eligibility criteria that can move from property to property to conduct forest restoration activities with common prescriptions and practices with a future goal of improving forest health and community fire safety. This Cooperative can establish forest product delivery agreements for biomass waste and can provide continuity with regional Collaborative efforts.

**Commercial Private Forestland Owners:** These landowners generally have a primary business model focused on production of forest products, mainly in the form of wood fiber. Their landholdings will generally be several hundred to several thousand acres. These landowners can be industrial or private owners. Of the industrial ownerships, these own approximately 5 million acres across the state. These

landowners generally but not always have forestry staff and have the capacity to conduct several timber harvests per year.

- Reduce the complexity, cost and administrative bottlenecks of the THP process and encourage or expand use of exemptions to the THP process that allow work to be completed more efficiently.
- Ensure certainty and stability in the regulatory environment.
- Improve public messaging surrounding forest management to increase social acceptance of the benefits of commercial forest management.
- Increase available infrastructure including mills and processing facilities, biomass plants, skilled workers and contractors through direct tax incentives, training programs, low interest loans and low cost liability insurance.
- Implement, promote, or mandate landscape level collaborative management strategies that provide assistance to these forestland owners with non-commercial fuels management and forest health projects that do not result in commercial products.
- Implement targeted State tax incentives for establishment and maintenance of fuel breaks.
- Improve communication between landowners or managers and industry workers, matching workers with projects (potentially using EDD).

**Public Forestland Ownerships:** These landownerships combine multiple resource management goals, with forestland protection, establishment and maintenance remaining as a top priority. These lands typically have diverse staffing with multiple types of specialist employees and are beholden to budget controls and constraints that may not be directly tied to the individual forest management unit. These lands constitute approximately 60% (15 million acres) of the forestlands in CA and are primarily held in federal ownership with the second highest group being State Parks. Some of these lands are held in reserved status where direct management may be constrained.

- Acquire additional and long term funding and administrative efficiency for forest management projects, staff and equipment to support projects.
- Provide staffing and administrative support for project layout and permitting.
- Implement, promote, or mandate landscape level collaborative management strategies.
- Improve communication between landowners or managers and industry workers, matching workers with projects (potentially using EDD).
- Improve public messaging surrounding forest management.
- Authorize a temporary or permanent reprieve from CEQA/NEPA or establish categorical exemption for fuel reduction projects that agree to apply project type specific Best Management Practices.
- Institutionalize maintenance of competing vegetation on planted stands through increased funding for prescribed fire, herbicide and mechanical treatments.
- Promote and support the increase of available infrastructure including mills and processing facilities, biomass plants, skilled workers and contractors through stabilization of high volumes of available wood fiber through increased timber sales.
- Streamline procurement of equipment and contracting process.

**ADOPTED BUDGET ACCEPTANCE RESOLUTION**

**SHASTA VALLEY RESOURCE CONSERVATION DISTRICT  
RESOLUTION NO. 18-006**

**A RESOLUTION OF THE BOARD OF DIRECTORS OF THE  
SHASTA VALLEY RESOURCE CONSERVATION  
DISTRICT TO APPROVE THE ADOPTED BUDGET  
FOR THE FISCAL YEAR 2018/2019 ENDING JUNE 30, 2019  
AS PRESENTED TO THE SISKIYOU COUNTY AUDITOR-CONTROLLER**

WHEREAS, it is the desire of the Board of Directors of the Shasta Valley Conservation District to accept the adopted budget for the 2018/2019 fiscal year; and

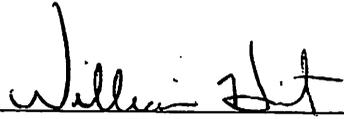
WHEREAS, it is desired of the Board of Directors to adopt the fiscal year 2018/2019 budget

NOW THEREFORE, be it resolved as follows, to wit;

Section A: The proposed adopted budget for fiscal year 2018/2019 consisting of Authorized General, Specific and Investment Revenues of one million four hundred eighteen thousand four hundred dollars and zero cents (\$1,418,400.00), Personnel, Operating [Services and Supplies] of and Capital Outlay Appropriations of one million four hundred eighteen thousand three hundred dollars and zero cents (\$1,418,300.00) and Appropriations for Contingencies of sixty-three thousand eight hundred ninety-two dollars and zero cents (\$63,892.00) is hereby adopted and shall be the financial plan for fiscal year 2018/2019 unless amended thereto by resolution or motion of the Board of Directors. Expenditures of the Shasta Valley Resource Conservation District funds are hereby authorized under this budget plan, titled "Shasta Valley Resource Conservation District Fiscal Year 2018/2019 Budget".

Passed and adopted this 12<sup>th</sup> day of September, 2018 by the following vote:

AYES: 4 Hirt, Sandahl, Klog, Walker  
NOES: 0  
ABSENT: 1 Robertson

  
\_\_\_\_\_  
Chairman, Board of Directors

ATTEST:

  
\_\_\_\_\_  
Secretary

Siskiyou County  
 Budget Worksheet Report  
 FISCAL YEAR 2018/2019  
 AS OF 16-AUG-2018

ORGANIZATION: 205052 SHASTA VALLEY RESOURCES CONSERVAT  
 FUND: 787550 SHASTA VALLEY RESOURCES CD

	PRIOR YEAR 2018	CURRENT YEAR 2019	PHASE 1:	PHASE 2: SDREC SD RECMND 18/9	PHASE 3: SDADP SD ADOPTED BDGT
PROGRAM:					
000	NON COUNTY ACTIVITIES				
ACTIVITY:					
169	787550-460015 SVRCD WATER TRUST				
LOCATION:					
	Location not budgeted				
ACCOUNT:					
611100	REGULAR WAGES	2,064.72	.00	.00	.00
728000	SPECIAL DEPARTMENTAL EXPENSE	446.03	.00	.00	.00
ACTIVITY:					
	Activity not budgeted				
LOCATION:					
	Location not budgeted				
ACCOUNT:					
530100	INTEREST	638.32	.00	.00	400.00
540640	STATE MANDATED COST	698.72	.00	.00	.00
540800	STATE OTHER	196,626.05	.00	.00	646,000.00
540810	SVRCD-GRANTS	20,446.07	.00	.00	9,000.00
542700	FEDERAL OTHER	750,981.89	7,980.32	.00	716,000.00
552600	OTHER SERVICES	103,517.79	1,493.64	.00	47,000.00
560200	MISCELLANEOUS OTHER REVENUE	600.71	.00	.00	.00
611100	REGULAR WAGES	287,959.67	28,382.02	.00	525,000.00
623100	WORKERS' COMPENSATION	3,376.51	10,408.00	.00	21,000.00
624120	OTHER BENEFITS <i>CALPERS</i>	9,710.57	1,973.84	.00	23,000.00
728000	SPECIAL DEPARTMENTAL EXPENSE	704,641.87	42,627.41	.00	844,173.00
744000	INTEREST ON LONG TERM DEBT	10,257.06	1,008.77	.00	5,127.00

Siskiyou County  
 Budget Worksheet Report  
 FISCAL YEAR 2018/2019  
 AS OF 16-AUG-2018

ORGANIZATION: 205052 SHASTA VALLEY RESOURCES CONSERVAT  
 FUND: 787550 SHASTA VALLEY RESOURCES CD

	PRIOR YEAR 2018	CURRENT YEAR 2019	PHASE 1:	PHASE 2: SDREC SD RECMND 18/9	PHASE 3: SDADP SD ADOPTED BDGT
800000 APPROPRIATION FOR CONTINGENCIES	.00	.00	.00	.00	63,892.00
<b>PROGRAM TOTAL:</b>					
Total Revenue	1,073,509.55	9,473.96	.00	1,418,400.00	1,418,400.00
Total Labor	303,111.47	40,763.86	.00	569,000.00	573,650.00
Total Expense	715,344.96	43,636.18	.00	849,300.00	908,542.00
Total Transfers	.00	.00	.00	.00	.00
<b>FUND TOTAL:</b>					
Total Revenue	1,073,509.55	9,473.96	.00	1,418,400.00	1,418,400.00
Total Labor	303,111.47	40,763.86	.00	569,000.00	573,650.00
Total Expense	715,344.96	43,636.18	.00	849,300.00	908,542.00
Total Transfers	.00	.00	.00	.00	.00
<b>ORGANIZATION TOTAL:</b>					
Total Revenue	1,073,509.55	9,473.96	.00	1,418,400.00	1,418,400.00
Total Labor	303,111.47	40,763.86	.00	569,000.00	573,650.00
Total Expense	715,344.96	43,636.18	.00	849,300.00	908,542.00
Total Transfers	.00	.00	.00	.00	.00

\* \* \* REPORT CONTROL INFORMATION \* \* \*

PARAMETER SEQUENCE NUMBER: 591597

Budget Year: 19

Chart of Accounts: S

Budget ID: 18/19

Budget Phase 1:

Budget Phase 2: SDREC

Budget Phase 3: SDADP

As of Date: 16-AUG-2018

Print Net Totals? n

Specific Organization: 205052

Specific Fund: 787550

Specific Program:

Specific Location:

Specific Activity:

Specific Account:

Prior Budget Year: 18

Budget ID Prior Year: 17/18

Budget Phase Prior Year: SD1718

Current Budget Year: 19

Budget ID Current Year: 18/19

Budget Phase Current Year: SD816

NUMBER OF PRINTED LINES PER PAGE: 55

RECORD COUNT: 15

# SHASTA VALLEY RESOURCE CONSERVATION DISTRICT

FINANCIAL STATEMENTS

FOR THE YEARS ENDED

JUNE 30, 2018 and 2017

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# INDEPENDENT AUDITOR'S REPORT

To the Board of Directors  
Shasta Valley Resource Conservation District  
Yreka, California

## **Report on the Financial Statements**

We have audited the accompanying financial statements of the governmental activities and the business-type activities of Shasta Valley Resource Conservation District, as of and for the years ended June 30, 2018 and 2017, and the related notes to the financial statements, which collectively comprise the Shasta Valley Resource Conservation District's basic financial statements as listed in the table of contents.

### ***Management's Responsibility for the Financial Statements***

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

### ***Auditor's Responsibility***

Our responsibility is to express opinions on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.



**Goranson and Associates, Inc.**

717 College Avenue, First Floor, Santa Rosa, CA 95404 Phone: 707/542-1256 Fax 707/978-3090

### *Opinions*

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the governmental activities and the business-type activities of the Shasta Valley Resource Conservation District, as of June 30, 2018 and 2017, and the respective changes in financial position and cash flows thereof for the years then ended in accordance with accounting principles generally accepted in the United States of America.

### *Other Matters*

#### *Required Supplementary Information*

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis and budgetary comparison information on pages 3 - 6 and 18 be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

*Goranson and Associates, Inc.*

December 12, 2018

Santa Rosa, CA

SHASTA VALLEY RESOURCE CONSERVATION DISTRICT  
MANAGEMENT'S DISCUSSION AND ANALYSIS  
JUNE 30, 2018 and 2017

As management of the Shasta Valley Conservation District (District) we offer readers of the District's financial statements this narrative overview and analysis of the financial activities of the District for the fiscal year ended June 30, 2018 and 2017. We encourage readers to consider the information presented here in conjunction with the District's financial statements (pages 7 - 9) and the accompanying notes to the basic financial statements (pages 10 - 17).

**Profile of the District**

The Shasta Valley Resource Conservation District (District) is a special district located in Siskiyou County, California. The District is governed by a board of directors and provides resource conservation, education, research and project implementation programs within the Shasta and Klamath watersheds in Siskiyou County. The operations of the District are almost entirely funded by Federal and State grants.

The District is a primary government. Status as a primary government is determined by such criteria as financial interdependency, legal separation, and type of governing authority. Although the District has close ties to the county government, they are not a county government entity.

The District is primarily funded through intergovernmental grants.

**Financial Highlights**

- The assets of the District were more than its liabilities at June 30, 2018 and 2017 by \$76,692 and \$42,208, respectively. All of which may be used to meet the District's ongoing obligations to citizens and creditors.
- The District's total net position increased for the year ended June 30, 2018 by \$34,484 due to increase grant funding. For the year ended June 30, 2017, net position decreased by \$(12,335). This decrease is a result of expenditures exceeding revenues in the governmental activities.
- As of June 30, 2018, the District's general fund reported an ending fund balance of \$76,692, an increase of \$34,484 from the prior year and as of June 30, 2017, a balance of \$42,208, a decrease of \$(12,335) from the prior year.
- At June 30, 2018 and 2017, the District has a committed fund balance for the water trust of \$10,256 and \$13,805, respectively, other funds are unassigned. At June 30, 2017, all fund balance is unassigned.

**Overview of the Financial Statements**

This discussion and analysis is intended to serve as an introduction to the District's basic financial statements.

SHASTA VALLEY RESOURCE CONSERVATION DISTRICT  
MANAGEMENT'S DISCUSSION AND ANALYSIS  
JUNE 30, 2018 and 2017

**Overview of the Financial Statements, continued.** The District's basic financial statements comprise three components: 1) government-wide financial statements, 2) fund financial statements, and 3) notes to the basic financial statements themselves.

**Government-wide financial statements.** The government-wide financial statements are designed to provide readers with a broad overview of the District's finances, in a manner similar to a private-sector business.

The statement of net position presents information on all of the District's assets and liabilities, with the difference between two reported as net assets. Over time, increases or decreases in net assets may serve as a useful indicator of whether the financial position of the District is improving or deteriorating.

The statement of activities presents information showing how the government's net assets changed during the most recent fiscal year. All changes in net assets are reported as soon as the underlying event giving rise to the change occurs, regardless of the timing of related cash flows.

Thus, revenues and expenses are reported in this statement for some items that will only result in cash flows in future fiscal periods (e.g., uncollected taxes and earned but unused vacation leave).

The government-wide financial statements can be found on pages 7 - 9 of this report.

**Fund financial statements.** A fund is a grouping of related accounts that is used to maintain control over resources that have been segregated for specific activities or objectives. The District, like other state and local governments, uses fund accounting to ensure and demonstrate compliance with finance-related legal requirements. The District's funds are governmental funds.

**Governmental funds.** Governmental funds are used to account for essentially the same functions reported as governmental activities in the government-wide financial statements. However, unlike the government-wide financial statements, governmental fund financial statements focus on near-term inflows of spendable resources, as well as on balances of spendable resources available at the end of the fiscal year. Such information may be useful in evaluating a government's near-term financing requirements.

By doing so, readers may better understand the long-term impact of the government's near-term financing decisions. Both the governmental fund balance sheet and the governmental fund statements of revenues, expenditures, and changes in fund balances provide a reconciliation to facilitate this comparison between governmental funds and governmental activities.

SHASTA VALLEY RESOURCE CONSERVATION DISTRICT  
MANAGEMENT'S DISCUSSION AND ANALYSIS  
JUNE 30, 2018 and 2017

The District uses governmental funds to account for its activities. The District adopts an annual appropriated budget for its funds. A budgetary comparison statement has been provided for the general fund to demonstrate compliance with this budget.

The basic governmental fund financial statements can be found on pages 7 - 9 of this report.

**Notes to the basic financial statements.** The notes provide additional information that is essential to a full understanding of the data provided in the government-wide and fund financial statements. The notes to the basic financial statements can be found on pages 10 - 17 of this report.

**Government-Wide Financial Analysis**

As noted earlier, net assets may serve over time as a useful indicator of a district's financial position. In the case of the Shasta Valley Resource Conservation District, assets exceeded liabilities by \$76,692 and \$42,208 at June 30, 2018 and 2017, respectively.

The balance of the unrestricted fund balance may be used to meet the District's ongoing obligations to citizens and vendors.

**NET POSITION**

	2018	2017
Cash and other current assets	\$ 259,329	\$ 123,471
Total assets	<u>\$ 259,329</u>	<u>\$ 123,471</u>
Liabilities due within one year	\$ 142,645	\$ 81,263
Line of credit	39,992	-
Total liabilities	<u>\$ 182,637</u>	<u>\$ 81,263</u>
Unrestricted net position	<u>\$ 76,692</u>	<u>\$ 42,208</u>
Total net position	<u>\$ 76,692</u>	<u>\$ 42,208</u>

At June 30, 2018 and 2017, the District is able to report positive balances in all categories of net position.

SHASTA VALLEY RESOURCE CONSERVATION DISTRICT  
MANAGEMENT'S DISCUSSION AND ANALYSIS  
JUNE 30, 2018 and 2017

**CHANGES IN NET POSITION**

Revenues:	2018	2017
Program revenues:		
Intergovernmental revenue	\$ 1,107,402	\$ 579,283
Other revenue	4,702	709
General revenues:		
Investment income	494	300
Total revenues	1,112,598	580,292
Expenses:		
Resource conservation	1,078,114	592,627
Change in net position	\$ 34,484	\$ (12,335)

**Financial Analysis of Shasta Valley Resource Conservation District's Funds**

As noted earlier, the District uses fund accounting to ensure and demonstrate compliance with finance-related legal requirements.

**Governmental funds** – The focus of the Shasta Valley Resource Conservation District's governmental funds is to provide information on near-term inflows, outflows, and balances of spendable resources. Such information is useful in assessing the District's financing requirements. In particular, unassigned fund balance may serve as a useful measure of a government's net resources available for spending at the end of the fiscal year.

**Fund Balance.** As of June 30, 2018, the District's general fund reported an ending fund balance of \$76,692 an increase of \$345,484 from the prior year and as of June 30, 2017, a balance of \$42,208, a decrease of \$(12,335) from the prior year.

**General Fund Budgetary Highlights.** There were no significant differences between the original budget and the final amended budgets.

**Requests for Information.** This financial report is designed to provide a general overview of the District's financials for all those interested. Questions concerning any of the information provided in the report or requests for additional financial information should be addressed to: Shasta Valley Resource Conservation District, 215 Executive Ct #A, Yreka, California 96097

SHASTA VALLEY RESOURCE CONSERVATION DISTRICT  
 STATEMENTS OF NET POSITION  
 GOVERNMENTAL FUND BALANCE SHEETS  
 JUNE 30, 2018 and 2017

<b>ASSETS</b>	<u>2018</u>	<u>2017</u>
Current assets:		
Cash and cash equivalents	\$ 74,995	\$ 31,232
Accounts receivable	151,572	85,767
Deposits and prepaid expenses	<u>32,762</u>	<u>6,472</u>
Total assets	<u>\$ 259,329</u>	<u>\$ 123,471</u>
 <b>LIABILITIES</b>		
Current liabilities:		
Accounts and other payable	\$ 142,645	\$ 81,263
Line of credit	<u>39,992</u>	<u>-</u>
Total liabilities	<u>\$ 182,637</u>	<u>\$ 81,263</u>
 <b>NET POSITION/FUND BALANCE:</b>		
Unrestricted net position	<u>\$ 76,692</u>	<u>\$ 42,208</u>
Total net position	<u>\$ 76,692</u>	<u>\$ 42,208</u>

The accompany notes are an integral part of these financial statements.

SHASTA VALLEY RESOURCE CONSERVATION DISTRICT  
 STATEMENTS OF ACTIVITIES  
 STATEMENTS OF GOVERNMENTAL FUND REVENUE,  
 EXPENDITURES, AND CHANGES IN FUND BALANCE  
 FOR THE YEARS ENDED JUNE 30, 2018 and 2017

<b>Program Expenses</b>	2018	2017
Resource Conservation:		
Salaries and employee benefits	\$ 318,298	\$ 184,679
Services and supplies	759,816	407,948
Total program expenses	1,078,114	592,627
 <b>Program Revenues</b>		
Operating Grants:		
Intergovernmental revenue	1,107,402	579,283
Other revenue	4,702	709
Total program revenue	1,112,104	579,992
Net program revenue	33,990	(12,635)
 <b>General revenues</b>		
Investment earnings	494	300
 Change in net position	34,484	(12,335)
 Net position/fund balance, beginning of the year	42,208	54,543
 Net position/ fund balance, end of the year	\$ 76,692	\$ 42,208

The accompany notes are an integral part of these financial statements.

SHASTA VALLEY RESOURCE CONSERVATION DISTRICT  
STATEMENTS OF CASH FLOWS  
FOR THE YEARS ENDED JUNE 30, 2018 and 2017

	2018	2017
CASH FLOWS FROM OPERATING ACTIVITIES:		
Cash received from government, grants, program revenue	\$ 1,046,793	\$ 534,883
Cash paid to vendors and employees	(1,043,022)	(536,463)
Net cash used by operations	3,771	(1,580)
CASH FLOWS FROM FINANCING ACTIVITIES:		
Net changes in line of credit	39,992	-
NET CHANGE IN CASH	43,763	(1,580)
CASH, beginning of year	31,232	32,812
CASH, end of year	\$ 74,995	\$ 31,232

RECONCILIATION OF OPERATING INCOME TO  
NET CASH PROVIDED BY OPERATING ACTIVITIES:

Change in net position	\$ 34,484	\$ (12,335)
Adjustments to reconcile change in net assets to cash from operations		
(Increase) decrease in:		
Receivables	(65,805)	(40,021)
Prepaid expenses and other assets	(26,290)	12,458
Increase (decrease) in:		
Accounts payable and accrued expenses	61,382	43,706
Deferred revenue	-	(5,388)
Total cash provided by operations	\$ 3,771	\$ (1,580)

The accompany notes are an integral part of these financial statements.

SHASTA VALLEY RESOURCE CONSERVATION DISTRICT  
NOTES TO FINANCIAL STATEMENTS  
JUNE 30, 2018 and 2017

NOTE 1        SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

**Reporting Entity**

The Shasta Valley Resource Conservation District (District) is a special district located in Siskiyou County, California. The District is governed by a board of directors and provides resource conservation, education, research and product implementation programs within the Shasta and Klamath watersheds in Siskiyou County. The operations of the District are almost entirely funded by Federal and State grants.

The District is a primary government. Status as a primary government is determined by such criteria as financial interdependency, legal separation, and type of governing authority. Although the District has close ties to the county government, they are not a county government entity.

**Government-wide and Fund Financial Statements**

The government-wide financial statements (i.e., the statement of net position and the statement of activities) report information on all of the non-fiduciary activities of the primary government. Governmental activities, which normally are supported by taxes and intergovernmental revenues, are reported separately.

The statement of activities demonstrates the degree to which the direct expenses of a given function or segments are offset by program revenues. Direct expenses are those that are clearly identifiable with a specific function or segment. Program revenues include 1) charges to customers or applicants who purchase, use or directly benefit from goods, services, or privileges provided by a given function or section and 2) grants and contributions that are restricted to meeting operational or capital requirements of a particular function or segment. Taxes and other items not properly included among program revenues are reported instead as general revenues.

Separate financial statements are provided for governmental funds. Major individual governmental funds are reported as separate columns in the fund financial statements.

SHASTA VALLEY RESOURCE CONSERVATION DISTRICT  
NOTES TO FINANCIAL STATEMENTS  
JUNE 30, 2018 and 2017

NOTE 1        SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES, continued

**Measurement Focus, Basis of Accounting, and Financial Statement Presentation**

The government-wide financial statements are reported using the economic resources measurement focus and the accrual basis of accounting. Revenues are recorded when earned and expenses are recorded when a liability is incurred, regardless of the timing of the related cash flows. Property taxes are recognized as revenues in the year for which they are levied. Grants and similar items are recognized as revenue as soon as all eligibility requirements imposed by the provider have been met.

Governmental fund financial statements are reported using the current financial resources measurement focus and the modified accrual basis of accounting. Under this method, revenues are recognized when measurable and available. Taxes, interest, and charges for services are accrued when receipt occurs within 365 days of the end of the accounting period so as to be both measurable and available. Licenses, permits, fines, forfeitures, and other revenues are recorded as revenues when received in cash because they are generally not measurable until actually received. Property taxes are accrued when their receipt occurs within sixty days of the end of the accounting period. Expenditures are generally recorded when a liability is incurred, as under accrual accounting. However, debt service expenditures as well as expenditures related to compensated absences and claims judgments are recorded only when payment is due.

Amounts recorded as program revenues include 1) charges to customers or applicants for goods, services, or privileges provided and 2) capital grants and contributions. Internally dedicated resources are reported as general revenues rather than program revenues. Likewise, general revenues include all taxes.

**Assets, Liabilities, and Net Assets or Equity**

Cash and Investments

The District reports certain investments at fair value in the balance sheet and recognizes the corresponding change in the fair value of investments in the year in which the change occurred.

SHASTA VALLEY RESOURCE CONSERVATION DISTRICT  
NOTES TO FINANCIAL STATEMENTS  
JUNE 30, 2018 and 2017

NOTE 1      SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES, continued

Receivables

Receivables are stated at the amount the District expects to collect from outstanding balances. Allowances for non-payment of receivables are provided based on the District's estimates. The District believes receivables at June 30, 2018 and 2017 will be fully collected. Accordingly, no allowance for doubtful receivables is recorded.

**Net Position**

Net position is classified into one component which consists of:

- Unrestricted net position - This category of net position consists of net assets that are not restricted for any project or other purpose.

**Fund Balance Classifications**

The Governmental Accounting Standards Board (GASB) released Statement 54 - "Fund Balance Reporting and Governmental Fund Type Definitions" (GASB 54) on March 11, 2009 which is effective for the District's fiscal year ending June 30, 2018 and 2017. This Statement is intended to improve the usefulness of the amounts reported in fund balance by providing more structured classifications. Under GASB 54, fund balance is reported under the following classification:

Unassigned Fund Balance – consists of any remaining fund balance that has not been reported in any other classification.

Committed Fund Balance – consists of fund balance that is committed to the Water Trust for the year ended June 30, 2018.

For the purpose of fund balance classification, the District's policy is to have expenditures spent from the restricted fund balances first, followed in order by committed fund balance (if any), assigned fund balance (if any), and last unassigned fund balance.

In the fund financial statements, governmental funds report reservations of fund balance for amounts that are not available for appropriation or are legally restricted by outside parties for use for a specific purpose. Designations of fund balance represent tentative management plans that are subject to change.

SHASTA VALLEY RESOURCE CONSERVATION DISTRICT  
NOTES TO FINANCIAL STATEMENTS  
JUNE 30, 2018 and 2017

NOTE 1        SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES, continued

**Estimates**

The preparation of financial statements requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenue and expense during the reporting period. Actual results could differ from those estimates; the financial statements include some amounts that are based on management's best estimates and judgments. The most significant estimates include the collectability of property taxes in determining the allowance for uncollectible taxes, depreciation lives and methods, and compensated absences. These estimates may be adjusted as more current information becomes available and any adjustment could be significant.

**Non-Current Governmental Assets/Liabilities**

GASB Statement No. 34 eliminates the presentation of account groups but provides for these records to be maintained and incorporates the information into the government-wide statement of net assets.

NOTE 2        STEWARDSHIP, COMPLIANCE, AND ACCOUNTABILITY

**Budgetary Information**

Budgetary revenue estimates represent original estimates modified for any authorized adjustments which were contingent upon new or additional revenue resources. Budgetary expenditure amounts represent original appropriations adjusted by budget transfers and authorized appropriation adjustments made during the year. All budgets are adopted on a non-GAAP basis.

SHASTA VALLEY RESOURCE CONSERVATION DISTRICT  
 NOTES TO FINANCIAL STATEMENTS  
 JUNE 30, 2018 and 2017

NOTE 3      DETAILED NOTES

**Cash and Investments**

Investments in Shasta Valley Treasurer's Investment Pool

As authorized by Public Resources Code 9521 (a), the District's cash is pooled with the Siskiyou County treasurer, who acts as a disbursing agent for the District. The fair value of the District's investments in this pool is reported in the accompanying financial statements at amounts based upon the District's pro-rata share of the fair value provided by the Treasury pool for the entire Treasury Pool portfolio (in relation to the amortized cost of that portfolio). The balance available for withdrawal is based on accounting records maintained by the Treasury Pool, which are recorded on an allocated quarterly to the appropriate fund based on its respective average daily balance for that quarter. The Treasury Oversight Committee has regulatory oversight for all monies deposited into the Treasury Pool.

Cash is classified as follows:

	2018	2017
Unrestricted cash	64,911	17,377
Committed cash	10,256	13,855
Total cash	\$ 75,167	\$ 31,232

Investment Guidelines

The District's pooled cash and investments are invested pursuant to investment policy guidelines established by the county Treasurer and approved by the Board of Supervisors. The objectives of the policy are, in order of priority: safety of capital, liquidity and maximum rate of return. The policy addresses the soundness of financial institutions in which the County will deposit funds, types of investment instruments as permitted by the California Government Code 53601, and the percentage of the portfolio that may be invested in certain instruments with longer terms to maturity.

SHASTA VALLEY RESOURCE CONSERVATION DISTRICT  
NOTES TO FINANCIAL STATEMENTS  
JUNE 30, 2018 and 2017

NOTE 3      DETAILED NOTES (continued)

**Cash and Investments, continued**

Interest Rate Risk

Interest rate risk is the risk that changes in market interest rates will adversely affect the fair value of an investment. Generally, the longer the maturity of an investment, the greater the sensitivity of its fair value is to changes in the market interest rates. As a means of limiting its exposure to fair value losses arising from rising interest rates, one of the ways that the Treasury Pool manages its exposure to interest rate risk is by purchasing a combination of shorter term and longer term investments and by timing cash flows from maturities so that a portion of the portfolio is maturing or coming close to maturing evenly over time as necessary to provide the cash flow and liquidity needed for operations.

Disclosures Relating to Credit Risk

Generally, credit risk is the risk that an issuer of an investment will not fulfill its obligation to the holder of the investment. This is measured by the assignment of a rating by a nationally recognized statistical rating organization.

Custodial Credit Risk

Custodial credit risk for deposits is the risk that, in the event of the failure of a depository financial institution, a government will not be able to recover its deposits or will not be able to recover collateral securities that are in the possession of an outside party. The custodial credit risk for investments is the risk that, in the event of the failure of the counterparty to a transaction, a government will not be able to recover the value of its investment or collateral securities that are in the possession of another party. The California Governments Code and the Treasury Pool's investment policy do not contain legal or policy requirements that would limit the exposure to custodial credit risk for deposits or investments, other than the following provision for deposits and securities lending transactions:

- The California Government Code requires that a financial institution secure deposits made by state or local government units by pledging securities in an undivided collateral pool held by depository regulated under state law. The market value of the pledge securities in the collateral pool must be equal at least 110% of the total amount deposited by the public agencies.
- The California Government Code limits the total of all securities lending transactions to 20% of the fair value of the investment portfolio.

SHASTA VALLEY RESOURCE CONSERVATION DISTRICT  
 NOTES TO FINANCIAL STATEMENTS  
 JUNE 30, 2018 and 2017

NOTE 3      DETAILED NOTES (continued)

**Custodial Credit Risk, continued**

With respect to investments, custodial credit risk generally applies only to direct investments in marketable securities. Custodial Credit risk generally applies only to direct investments in marketable securities. Custodial credit risk does not apply to local government's indirect investment in securities through the use of mutual funds or government investment pools (such as the Treasury pool).

Concentration of Credit Risk

Custodial credit risk for deposits are the risk that, in the event of the failure of a of a depository financial institution, a government will not be able to recover its deposits or will not be able to recover collateral securities that are in the possession of an outside party. The California Government Code required that a financial institution secure deposits made by state or local governmental units by pledging securities in an undivided collateral pool held by a depository regulated state law. The market value of the pledged securities in the collateral pool must equal at least 110% of the total amount deposited by the public agencies.

California Law also allows financial institutions to secure governmental deposits by pledging first trust deed mortgage notes having a value of 150% of the secure public deposits. All deposits held by the financial institutions are insured up to the federal depository insurance limit of \$250,000, and any excess funds are collateralized with securities held by the pledging financial institutions' trust department or agent but not the name of the District.

**Grants and Accounts Receivable**

Grants and accounts receivable consist of the following at June 30, 2018 and 2017

	2018	2017
Accounts receivable	\$    151,572	\$      85,767

SHASTA VALLEY RESOURCE CONSERVATION DISTRICT  
NOTES TO FINANCIAL STATEMENTS  
JUNE 30, 2018 and 2017

NOTE 4      OTHER INFORMATION

**Pension Plan (Defined Contribution)**

The District offers its permanent employees with a year or more of service a deferred compensation plan, created in accordance with Internal Revenue Code Section 457, through the California Public Employees Retirement System. The plan permits employees to defer a portion of their current salary until future year. The deferred compensation is not available to the employees until termination, retirement, death, or unforeseeable emergency. As a benefit to employees after one year of service, the District will provide ten percent of gross income to the 457(b) plan. The employee is entitled to receive the benefit as part of their pay with all applicable taxes if they do not wish the District to contribute to the plan.

**Risk Management**

The District was provided insurance coverage through a private vendor for the year ended June 30, 2018 and 2017 to cover any potential loss including personal injury and property damage.

NOTE 5      LINE OF CREDIT

The District has a line of credit with a local financial institution. The credit line was funded October 2017 and matures November 2020. The interest rate is 6.05 percent and the balance at June 30, 2018 is \$39,992. The credit line must be paid in full at the maturity date.

NOTE 6      SUBSEQUENT EVENTS

The District has evaluated subsequent events through December 12, 2018, the date the financial statements were available to be issued and determined that there were no events occurring subsequent to June 30, 2018 and 2017 that would have a material impact on the results of operations or financial position.

## REQUIRED SUPPLEMENTARY INFORMATION

SHASTA VALLEY RESOURCE CONSERVATION DISTRICT  
STATEMENTS OF REVENUE, EXPENDITURE AND CHANGES IN FUND BALANCE  
BUDGET TO ACTUAL  
GOVERNMENTAL FUNDS  
FOR THE YEARS ENDED JUNE 30, 2018 and 2017

	2018			Variance Positive (Negative)
	Budgeted Amounts		Actual	
	Original	Final		
<b>Revenues:</b>				
Intergovernmental grants and revenue	\$ 1,016,520	\$ 1,016,520	\$ 1,107,402	\$ 90,882
Other revenue	-	-	4,702	4,702
Investment earnings	500	500	494	(6)
Total revenues	<u>1,017,020</u>	<u>1,017,020</u>	<u>1,112,598</u>	<u>95,578</u>
<b>Expenditures, all current:</b>				
Salaries and employee benefits	334,020	334,020	318,298	15,722
Services and supplies	724,140	724,140	759,815	(35,675)
Total expenditures	<u>1,058,160</u>	<u>1,058,160</u>	<u>1,078,113</u>	<u>(19,953)</u>
<b>Excess of revenue over expenditures</b>	<u>\$ (41,140)</u>	<u>\$ (41,140)</u>	<u>\$ 34,485</u>	<u>\$ 75,625</u>

	2017			Variance Positive (Negative)
	Budgeted Amounts		Actual	
	Original	Final		
<b>Revenues:</b>				
Intergovernmental grants and revenue	\$ 934,966	\$ 934,966	\$ 579,283	\$ (355,683)
Other revenue	317,500	317,500	709	(316,791)
Investment earnings	900	900	300	(600)
Total revenues	<u>1,253,366</u>	<u>1,253,366</u>	<u>580,292</u>	<u>(673,074)</u>
<b>Expenditures, all current:</b>				
Salaries and employee benefits	203,686	203,686	184,679	19,007
Services and supplies	1,068,386	1,068,386	407,948	660,438
Total expenditures	<u>1,272,072</u>	<u>1,272,072</u>	<u>592,627</u>	<u>679,445</u>
<b>Excess of revenue over expenditures</b>	<u>\$ (18,706)</u>	<u>\$ (18,706)</u>	<u>\$ (12,335)</u>	<u>\$ 6,371</u>

SHASTA VALLEY RESOURCE CONSERVATION DISTRICT  
ROSTER OF BOARD MEMBERS  
JUNE 30, 2018

<u>Directors:</u>	<u>Office:</u>
Bill Hirt	Chair
Chris Robertson	Director
Ryan Walker	Director
Rich Klug	Director
Beth Sandhl	Director

Regular Meetings:

The regular meeting of the Board of Directors is held at the District office on the second Wednesday of each month.



# Long Range Plan 2012-2016

Updated July 13 2016

Revision April 3 2013



215 Executive Court, Suite A  
Yreka, CA 96097  
(530) 842-6121 ext.106  
[www.svr.cd.org](http://www.svr.cd.org)

## **History of the Shasta Valley Resource Conservation District**

The Shasta Valley Resource Conservation District (SVRCD) was formed in July of 1953 and reached its present boundaries in 1957. Under Division 9 of the California Public Resources Code, Soil Conservation Districts were originally empowered to manage soil and water resources for conservation. However, these powers were expanded in the early 1970s to include “related resources,” including fish and wildlife habitat. California now has 98 Resource Conservation Districts, most of which are funded largely through grants. Although a few SVRCDs throughout the state do receive limited funds through county property taxes, the SVRCD does not receive tax revenues.

Since 1988 the SVRCD has utilized over \$25 million in grant funds from a variety of public sources. These funds have been used to develop projects that focus on the improvement of fisheries and water quality in the Shasta River and its tributaries. Responding to the historical agricultural presence in the Shasta Valley, the SVRCD has worked with agricultural landowners and irrigation districts to implement voluntary restoration projects ranging from riparian fencing to upgrading diversions to provide fish passage and water delivery system upgrades that benefit the rancher, and the aquatic ecosystem..

### **The SVRCD and the Natural Resource Conservation Service**

The SVRCD has a long and fruitful relationship with the Natural Resource Conservation Service (NRCS). The SVRCD provides guidance on developing local priorities and projects for the NRCS, assists in coordination and communication, provides education and outreach on NRCS programs to community partners and landowners, and reports on the technical and financial assistance needs. In return, the NRCS houses the SVRCD in its Yreka office, supports watershed planning and conservation efforts, provides technical and financial assistance and equipment loans to complete projects, coordinates federal NRCS programs with the SVRCD, and assists in the distribution of public information and conservation education activities. By working together and sharing resources, the SVRCD and NRCS are able to do more for local landowners and their communities. The SVRCD will continue to utilize and strengthen this relationship with the NRCS.

## **Funding and Structure of the Shasta Valley Resource Conservation District**

The SVRCD is a California authorized special district under the direction of an all-volunteer board. The SVRCD does not receive funding from local taxes and instead relies on a combination of grant, fundraising, and fee for service options to complete projects. The vast majority of funding currently comes from various grants. The SVRCD managed over \$15,000,000 in grant money from 2006 to 2011 alone.

The five non-paid, volunteer directors meet monthly and additionally as needed to direct projects and meet fiduciary responsibilities. As provided in Division 9 of the California Public Resources Code, Chapter 3, Article 7, Sections 9314 and 9316, the Board of Supervisors selects SVRCD board member appointments from a list of applicants that have demonstrated interest in resource issues.

The SVRCD’s Board consists of persons with backgrounds in agriculture, academia, geology and environmental sciences. This diverse Board allows the SVRCD to better serve the diverse population within its boundaries as well as address a wide range of resource issues.

## **2016 Governing Board**

<i>Title</i>	<i>Name</i>	<i>Start Year</i>
Chairman	William (Bill) Hirt	2005
Vice Chairman	Ryan Walker	2011
Directors	Chris Robertson	2011
	Rich Klug	2013
	Beth Sandahl	2015
Associate Directors	Stan Sears	
	Justin Sandahl	

Associate Directors serve under the board as technical and professional advisors. Candidates for Associate Directors indicate interest to the board and are appointed by the SVRCD Board. They must attend a required minimum number of Board meetings each year. Associate Directors cannot vote on actions taken by the Board, but their input is critical for making sure all Board members fully understand the issues under discussion and what their impacts might be.

## **2016 Staff**

<i>Title</i>	<i>Name</i>
District Administrator	Karen Mallory
Project Coordinator	Ally Lutes
Monitoring Specialist	Brooke Mejica
Project Staff:	Ayn Perry
Project Support	Renee Casterline
Nursery Manager	Tammy Sullivan
Senior Project Coordinator (retired)	Dave Webb
Executive Director (on leave)	Adriane Garayalde

Currently, the District manages 14 open funding contracts and employs 6 part-time staff.

## **Service Area**

The SVRCD service area includes the Klamath watershed and all its minor tributaries from the California State line near Keno to below Happy Camp, the entire portion of the Applegate River in California, the lower end of the Scott River, the entire Shasta River watershed, and the Siskiyou County portions of the Sacramento River watershed, McCloud River watershed and Fall River watershed. The District service area does not include municipalities.

Adjacent areas outside of the district may also be the site of projects if it is consistent with SVRCD goals, it will have beneficial effects on conditions within the district, and it funding is available.

## Shasta Valley RCD Boundaries

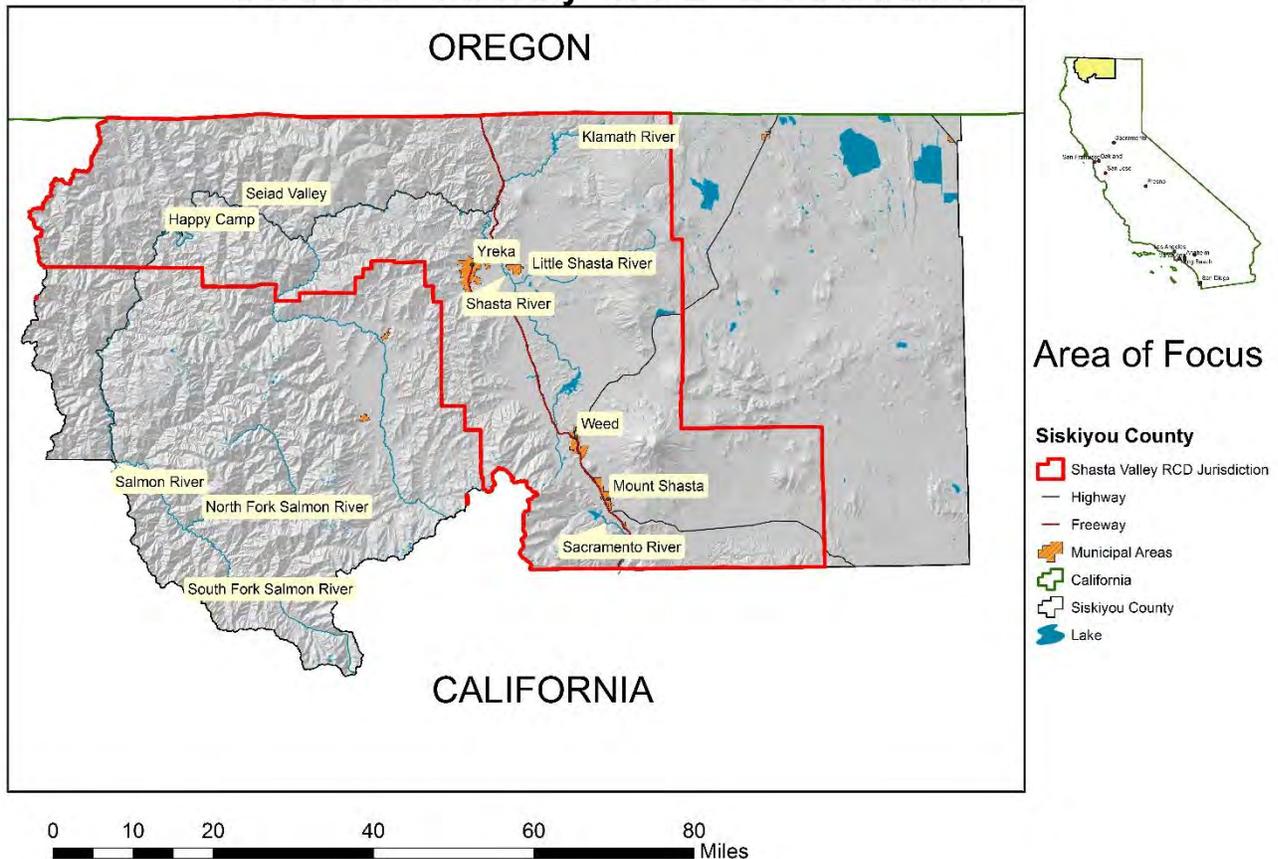


Figure 1: Map of the area served by the Shasta Valley Resource Conservation District. Municipalities and other areas that are not shown on this map are outside of the District.

The service area of the SVRCD encompasses a diverse geography and climate, from high desert to alpine conditions. Within this geographic variability, natural resources remain a strong part of the economy of the region, both directly and indirectly. Excluding environmental government agencies, the natural resource based industries operating in Siskiyou County produce over \$235,000,000 for the local economy (Siskiyou County Economic and Demographic Profile 2009-2010).

Natural resource based industries are a large part of the cultural identity of the Shasta Valley. In Siskiyou County over 750,000 acres are devoted to agriculture, primarily for cattle and irrigated and dryland hay crops. Timberlands make up a sizable portion of the SVRCD service area. The top 15 largest employers in Siskiyou County include the Klamath National Forest, CALFIRE, and two industrial timber product producers. The Klamath National Forest and the Shasta-Trinity National Forest make up approximately 59% of lands in Siskiyou County, much of it within the SVRCD boundary.

Recreation is responsible for a sizable portion of economic activity. In addition to the national forests, tourists take advantage of several municipal parks and Castle Crags State Park. Because it

is within a day's drive from large metropolitan areas such as Sacramento and the San Francisco Bay Area, Siskiyou County benefits from seasonal influxes of people seeking relaxation and adventure that the area's aesthetic natural resources provide. Visitors enjoying these recreational activities contribute to the local economy through retail purchases.

### **Mission Statement**

To work with interested landowners on a voluntary basis to enhance the management and sustainable use of natural resources in order to ensure the long term economic viability of the community.

### **Vision Statement**

We believe that by working together with landowners we can help the people within the District to meet the environmental and economic challenges they face. We strive to bring a shared vision to the table for discussion, action and strive for a common purpose.

### **Value Statement**

The Shasta Valley Resource Conservation District will approach all interactions with funders, partners, agencies and members of the public with professionalism, integrity, fairness, respectfulness and an open mind.

### **Project Types**

The SVRCD board met in 2012 to identify and prioritize project focuses for the next five years. The SVRCD staff will pursue funding for and develop projects that fall under one or more of the following focus areas. Projects will be selected based on their capacity to help the district and improve the SVRCD's role, and/or its beneficial impact to natural resources, water quality and fish habitat in the Shasta, Mid Upper Klamath, Upper Sacramento and McCloud watersheds and financial feasibility based on available grant funding or fee-for-service.

The project types have been updated (6/16)

### **Small and Mid-sized Capacity Agricultural Support**

The SVRCD will provide technical support and coordinate resources for projects that conserve natural resources, mitigate environmental impacts, or increase agricultural efficiency. These projects are intended to benefit agricultural producers that are otherwise unable to efficiently implement similar projects on their agricultural lands alone. In the future, this may include the acquisition of equipment for loan to small and mid-sized agricultural producers, coordinating among agricultural producers to reduce costs and offering monitoring, educational and other support services as needed.

### **Land Management Planning**

For interested residential timberland owners and small agricultural land owners, the SVRCD will offer services and assistance in land management planning. This may include water quality planning on ranch lands and collaborative timber management plans for residential landowners. Land management planning projects will be conducted only on properties where the landowner has requested assistance from the SVRCD.

### **Assisting Groups and Agencies**

The SVRCD is interested in assisting groups and agencies with relevant natural resource issues by providing technical support. Due to the independent role of the SVRCD, future efforts may focus on assisting natural resource individuals and groups to understand and meet regulatory requirements. Target regulations impacting people within the district boundaries include but are not limited to Total Maximum Daily Loads (TMDLs), timber regulations, fish habitat regulations and others. Assistance will be given to landowners on a voluntary basis only. The SVRCD will not participate in any form of regulatory enforcement. Where funding allows, and where potential impacts within the district may be considerable or by community or landowner request; the SVRCD may review proposed plans or regulations from state and federal agencies prior to enactment. The SVRCD will provide a technical opinion and a review of agency models to ensure they fit local conditions as much as possible. The SVRCD will serve as a neutral third party and assist the community to develop informed comments improving the understanding and dialogue between interested parties.

### Forestry and Forest Management

The SVRCD recognizes the importance of timberlands and the timber industry in Siskiyou County. The SVRCD will focus on projects that improve forest health and fire resilience. Forest management projects may include work on non-industrial timberlands or via partnerships with large landowners such as the US Forest Service through Stewardship Contracts and community forest programs. In the future, the SVRCD may also acquire forest treatment equipment for SVRCD use and to loan to small non-industrial timber landowners.

### Urban Conservation and Student Education

Building upon the success of projects like the Yreka Creek Greenway project, the SVRCD will focus on projects that restore, maintain and enhance open space in community areas that are easily accessible by the public. Youth education and outreach to schools will continue to be a priority for the SVRCD. Youth education projects include outreach to schools from elementary to college age students and members of local farming, ranching, and other youth organizations. The SVRCD will engage students and young people in the community through hands-on educational activities, presentations, and by using young volunteers in projects and outreach.

### Monitoring

The SVRCD will continue to utilize technical skills in fisheries, water quality and water quantity monitoring in projects that develop inventories of relevant data on behalf of landowners and resource users. Such data can be used to help landowners make informed decisions about the use of their land, measure the effectiveness of water quality and water quantity improvement projects and inform the SVRCD on project areas. The SVRCD may also conduct workshops and loan equipment for individual landowners to develop their own monitoring programs. The SVRCD may develop a fee-for-service program to develop monitoring projects when grant funding is not available.

### Invasive Species

The SVRCD will work with private landowners on projects with objectives to completely remove or mitigate the consequences of harmful, invasive plant and animal species. Projects regarding invasive species that cause harm to water quality, out-compete or destroy the habitat of native species. Projects involving the removal or mitigation of invasive species will likely involve

coordination, capacity building and outreach in attracting volunteer labor among the community and obtaining the required equipment and technical skills for the projects.

### Public Outreach and Education

The SVRCD will make an effort over the next five years to become more engaged with other public service organizations and the public to enhance or develop partnerships and foster community support for projects. Outreach activities may include but are not limited to further public forums, presentations to discuss the activities, benefits and lessons learned from each project, and participation in the meetings of other organizations. SVRCD staff will develop an inventory of pictures and presentations for each project to have available for public meetings. The SVRCD Board and Staff will present information to other organizations, the public and at conferences to share project experiences and lessons learned.

### Wildlife

The Shasta Valley has a rich and diverse wildlife community that corresponds with the great range of habitats found within the boundaries of the SVRCD. From the state listed Greater Sandhill Crane found in the irrigated pastures on the valley floor to the federally listed Coho salmon in the Shasta River, the Northern Spotted Owl in the forests of the mid and high elevation portions of the district and the grey wolf which now roams freely again throughout the county; many rare and common species alike call the Shasta Valley home. The SVRCD has always been willing to fully engage in the many facets of wildlife management in our district. We will continue to work with interested parties to encourage multi use strategies for private landowners who wish to protect and enhance this valuable natural resource.

### Groundwater and CIGMA

The State of California is rapidly coming to grips with the present day challenges due to historic hands off groundwater management, through legislation and recommendations. (CIGMA = California Integrated Groundwater Management Act). Shasta Valley has a complicated groundwater signature, and other areas of our district including the Mt. Shasta area have a distinct character as well. Groundwater education and outreach has been one of our projects for several years, and one that we will continue as funding and interest allows. While some of our groundwater basins are well defined and monitored, others are still relatively unstudied. Impacts from the interconnected zones between surface and groundwater are also not well understood in our geologically complex area.

### Stewardship Report

Working hand in hand with the State of California Water Quality Control Board and other partners, the SVRCD is leading the way in TMDL planning and implementation. Our Stewardship Report will catalogue past and current efforts as well as map out future plans for meeting or exceeding goals set in 2007 for the Shasta River TMDL.

### **Internal SVRCD Goals, Objectives and Strategies**

The Shasta Valley Resource Conservation District is continually striving to improve its organizational structure. SVRCD board and staff have met to identify opportunities for organizational enhancement and strategies to meet those goals. The Shasta Valley staff has identified several goals and objectives that will streamline our functions and provide clear accountability to partner organizations, grant

funders and the public. Over the next 5 years, we will implement the following strategies required to meet these objectives.

**Goal 1: A solid and sustainable organization**

The SVRCD will continue to operate with openness and a clear decision-making process to streamline projects, improve internal functions and provide accountability. Current operations will be improved by the development of protocols and plans that guide daily functions and communications, developing schedules for administrative duties, developing continued and alternative funding strategies, and increasing board interaction within the community.

Objective 1.1: Refine and Implement professional and efficient business practices.

Objective Strategies	
1.1A	Continue to track and update contract balances. Produce a contract use report.
1.1B	Update procedural manual for administrative tasks
1.1C	Develop an administrative calendar
1.1D	Develop guidelines for pre-project review timelines and protocols

Objective 1.2: Increase Funding Base

Objective Strategies	
1.2A	Develop fee-for-service options to provide SVRCD assistance to landowners outside of grant funded projects
1.2B	Track in-kind contributions monthly
1.2D	Continue to operate a sound financial organization with fiscal responsibility using budgeting and cash flow projections.

Objective 1.3: Effective communication

Objective Strategies	
1.3A	Produce periodic reports to be made available to the public, using available funds and time sensitive information

1.3C	Update SVRCD website to keep information current
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**Goal 2: Effective projects that meet the needs of our district**

The SVRCD will work with interested landowners, communities and organizations to realize mutually held natural resource conservation goals. The SVRCD will learn and grow with the community to develop projects that are relevant and beneficial to landowners working to use natural resources more effectively. Education and outreach will also facilitate interaction with the community by giving the public an understanding of the role of the SVRCD and how the SVRCD can be used as a tool to meet their objectives.

Objective 2.1: Effective Conservation-Oriented Projects

Objective Strategies	
2.1A	Develop new projects utilizing the guidelines of the Long Range Plan 2012-2016
2.1B	Continue outreach and educational efforts to the community
2.1C	Develop activities for and participate in community events that celebrate and strengthen the rural character of region
2.1D	Recognize the importance of sustainable agriculture, healthy aquatic resources, and fire safe forests to the culture and lifestyles of the region.
2.1E	Look for opportunities to stay relevant within the context of current political and agricultural realities.

**Goal 3: Provide guidance and direction to the Natural Resource Conservation Service (NRCS)**

The SVRCD and NRCS share a unique relationship. This is based on an annual Memorandum of Understanding. The NRCS has the technical and financial tools needed to implement some projects through the SVRCD and the SVRCD may serve as an interface within the community to determine what project needs are. The SVRCD will capitalize and strengthen this relationship with the NRCS.

Objective 3.1: Assist landowners with identifying potential NRCS funded projects.

Objective Strategies
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3.1A	Make staff and Board members available when needed
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Objective 3.2: Assist NRCS with identifying funding needs through appropriate conservation programs within the District.

Objective Strategies	
3.2A	Make staff and Board members available when needed

### Summary

The SVRCD will continue to work at the intersection of science and politics, custom and culture, focusing our efforts on working with private landowners helping them to both meet the changing demands they face, and assist them in efforts they wish to undertake to enhance the natural environment. In this sometimes difficult arena, we will strive to continue to provide accurate and balanced information and assistance on natural resource related topics.

## **Appendix A**

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### **Highlights of Accomplishments to Date**

In the past, the SVRCD has been instrumental in completing several projects throughout the district. While not an exhaustive description of all the work of the SVRCD, the projects illustrated below provide a good example of SVRCD project objectives and the activities the SVRCD undertook to reach those objectives.

#### **Araujo Dam Removal**

The concept of the Araujo Dam project began in 2001, with actual implementation activities beginning in 2007. Activities consisted of the removal of a flashboard dam that had been utilized since 1857 to divert water for irrigation. In place of the dam, a boulder weir and pump station with fish screens was installed and nine miles of pipe replaced earthen ditches to transport irrigation water. This project utilized over \$2.5 million from nine separate funders.

The purpose of the Araujo Dam Removal Project was to improve irrigation water delivery efficiency for several ranches, while improving fish passages and improving in stream water quality by minimizing impounded water instream, by reducing reliance on the use of herbicides in ditches near the Shasta River, and by reducing irrigation tailwater return to the river. Through the project 30 miles of upstream habitat, previously impeded by the dam, were made more easily accessible to fish. The project included incentives to reduce the demand for water during the spring and fall irrigation season and reduce the amount of warm, nutrient-rich tailwater that returns to the river.

#### **Shasta River Water Association Dam Removal**

Along with the Araujo Dam Removal Project, SVRCD engaged in a partnership with the Shasta River Water Association and several other agencies, stakeholders and businesses, for another dam removal and irrigation system improvement. Project activities consisted of the replacement of a flashboard dam with the installation of two boulder weirs, the improvement of the irrigation system through the installation of variable speed pumps and the installation of several miles of piping to replace leaky irrigation ditches. At the point of diversion, a new, improved-design fish screen was installed to ensure that fish were kept safely in the river and were kept away from the apparatus. Project activities were completed by the winter of 2009. This project utilized over \$4.5 million from twelve separate funders.

Similar to the Araujo Dam Removal project, the purpose of these activities was to improve the ecological health of the Shasta River, while enhancing irrigators' ability to manage their ranchlands. Fish passage was improved as a result of this project. Improved water quality objectives include elimination of a large heat-absorbing impoundment, reduced oxygen demand, decreased sedimentation, reduced use of toxic chemicals in ditches and a reduction in warm, nutrient-rich tailwater while setting the foundation for reducing the amount of diverted river water. For ranchers, the objectives of this project were to improve water use efficiency and reduce the need for electrical power. All these factors contributed to more efficient operations and reduced the pressure to abandon ranching.

### **Fish Screens**

The SVRCD has worked closely with agricultural landowners to install fish screens at irrigation water diversion points throughout in the district. To date 20 fish screens have been installed along the Shasta, Little Shasta and Klamath rivers and Parks, Yreka, and Seiad Creeks. By installing fish screens the SVRCD is reducing the risk of mortality to fish, including the endangered Coho salmon. Landowners receive the benefit of keeping fish out of their irrigation pumps and ditches while reducing their incidental impact to other aquatic species.

### **Shasta River Tailwater Reduction; Demonstration and Implementation (Tailwater I, II and III)**

The SVRCD began this multi-faceted project in December of 2006. Project focus areas were developed through the use of LiDAR (aerial topography surveying) to define tailwater drainage areas. Tailwater quantity, quality and flow were measured at key locations for pre-project planning. These data were then used to develop tailwater flow models for the entire Shasta Valley. An extensive outreach effort was conducted to engage landowners and develop ranch-specific tailwater reduction project options. Using all this information along with landowner suggestions, the SVRCD developed a watershed-wide tailwater reduction plan with prioritized project areas on a landscape level and project guidelines to maximize the cost effectiveness of any projects developed. This planning effort now provides ongoing guidance for current and future tailwater reduction projects.

The Shasta River Tailwater Reduction Program is designed to improve water quality by reducing tailwater returns to the Shasta River. This was accomplished by improving water use efficiency for several landowners, thus reducing the amount of water they needed for irrigation. The riparian buffer project was designed to demonstrate how riparian zones can shade and cool remaining tailwater before returning to the river while providing the space to decrease nutrient loads. In addition, the SVRCD has worked with participating landowners to improve management of irrigation water systems.

**Riparian Improvement Projects:** The SVRCD has received multiple grants over the years for fencing, planting, stockwater systems and livestock management or exclusion tools for landowners.

**Irrigation Projects:** The SVRCD has received many grants for irrigation efficiency projects to assist landowners in improved application and control of irrigation.

### **Yreka Creek Projects**

The Yreka Creek Restoration Implementation Plan was completed during February of 2010. This project was based in part upon earlier work funded by the Siskiyou County Resource Advisory Committee and awarded to the SVRCD in 2007. It facilitated the development of both the Yreka Creek Uplands Assessment and also the Aquatic Resource Needs Assessment. The two assessments documented baseline upland conditions regarding sediment delivery to streams, and identified instream fisheries resource needs respectively. The recommendations from these reports were combined with the City of Yreka's Ecological Storm Water Assessment to form the final Implementation Plan. This plan prioritizes potential projects for the restoration and enhancement of Yreka Creek, to be implemented as funding is secured.

More specifics regarding individual projects can be found within the *SVRCD Stewardship Report* or on our website at <http://svrcd.org>.

<b><u>Income</u></b>	July 1 2006 - June 30 2015		
Federal Grants	3,263,279.48	94,958.15	3,358,237.63
State Grants	10,994,348.52	162,558.96	11,156,907.48
Other Grants	393,217.26	53,629.81	446,847.07
Donations Received	18,389.31	250.00	18,639.31
Grazing Leases	118,274.57	0.00	118,274.57
State Mn Cost Reim	232.04	4,862.51	5,094.55
Tree sale	24,470.89	9,898.20	34,369.09
Workshop Income	300.00	0.00	300.00
Other Services	0.00	4,443.96	4,443.96
Misc Income	214,057.74	4,934.45	218,992.19
<b>Total Income</b>			<b>15,362,105.85</b>
<b><u>Expense</u></b>			
Contract Labor	9,481,501.46	0.00	9,481,501.46
Grazing Expenses	65,294.64	0.00	65,294.64
Loans	127,781.69	0.00	127,781.69
Operations	338,816.14	183,776.44	522,592.58
Personnel	3,671,850.12	221,716.89	3,893,567.01
Project Expenses	1,127,026.67	219.70	1,127,246.37
Reconcil Discrep	406.15	0.00	406.15
<b>Total Expenses</b>			<b>15,218,389.90</b>
<b>NET INCOME</b>			<b>143,715.95</b>

**DEPARTMENT OF WATER RESOURCES**

1416 NINTH STREET, P.O. BOX 942836  
SACRAMENTO, CA 94236-0001  
(916) 653-5791



November 15, 2018

Mr. Edward Stanton  
District Administrator  
Shasta Valley Resource  
Conservation District  
215 Executive Court, Suite A  
Yreka, California 96097

**2017 Proposition 1 Sustainable Groundwater Planning (SGWP) Grant; Agreement  
#4600012700**

Dear Mr. Stanton:

Enclosed is an original executed copy of Agreement #4600012700.

If you have any questions, please contact Patricia Vellines, Project Manager at  
(530)529-7344 or via email at [Patricia.Vellines@water.ca.gov](mailto:Patricia.Vellines@water.ca.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "Lana Quidgeon Graber", with a long horizontal line extending to the right.

Lana Quidgeon Graber  
Associate Government Program Analyst  
Financial Assistance Branch  
Division of Integrated Regional Water Management

Enclosures

**GRANT AGREEMENT BETWEEN THE STATE OF CALIFORNIA  
(DEPARTMENT OF WATER RESOURCES) AND  
SHASTA VALLEY RESOURCE CONSERVATION DISTRICT  
AGREEMENT NUMBER 4600012700**

**2017 PROPOSITION 1 SUSTAINABLE GROUNDWATER PLANNING (SGWP) GRANT**

THIS GRANT AGREEMENT is entered into by and between the Department of Water Resources of the State of California, herein referred to as the "State" or "DWR" and the Shasta Valley Resource Conservation District, a nonprofit in the State of California, duly organized, existing, and acting pursuant to the laws thereof, herein referred to as the "Grantee," which parties do hereby agree as follows:

- 1) **PURPOSE.** The State shall provide funding from the Water Quality, Supply, and Infrastructure Improvement Act of 2014 (Proposition 1) to assist the Grantee in financing the planning and/or selected project activities (Project) that will improve sustainable groundwater management, pursuant to Water Code Section 79700 et seq. The provision of State funds pursuant to this Agreement shall not be construed or interpreted to mean that the Groundwater Sustainability Plan (GSP), or any components of the GSP, implemented in accordance with the Work Plan as set forth in Exhibit A, will be: adopted by the applicable Groundwater Sustainability Agency (GSA); obtain the necessary desirable results of Sustainable Management Criteria; or, meet all of the evaluation and assessment criteria when submitted to the Department of Water Resources as required by the Sustainable Groundwater Management Act and implementing regulations.
- 2) **TERM OF GRANT AGREEMENT.** The term of this Grant Agreement begins on the date this Grant Agreement is executed by the State, through final payment plus three (3) years unless otherwise terminated or amended as provided in this Grant Agreement. However, all work shall be completed in accordance with the Schedule as set forth in Exhibit C.
- 3) **GRANT AMOUNT.** The maximum amount payable by the State under this Grant Agreement shall not exceed \$976,884.
- 4) **GRANTEE COST SHARE.** The Grantee is required to provide a Local Cost Share (non-State funds) of not less than 50 percent of the Total Project Cost. The cost share requirement for projects benefiting a Severely Disadvantaged Community (SDAC), Disadvantaged Community (DAC), or an Economically Distressed Areas (EDA) may be waived or reduced. The Grantee agrees to provide a Local Cost Share (non-State funds) for the amount as documented in Exhibit B (Budget). Local Cost Share may include Eligible Project Costs directly related to Exhibit A incurred after January 1, 2015.
- 5) **BASIC CONDITIONS.** The State shall have no obligation to disburse money for a project under this Grant Agreement until the Grantee has satisfied the following conditions (if applicable):
  1. Prior to execution of this Grant Agreement, selected applicants (Groundwater Sustainability Agency) for GSP Development projects must submit evidence of a notification to the public and DWR prior to initiating development of a GSP in compliance with California Code of Regulations, title 23, Section 350 et seq. (GSP Regulations) and Water Code Section 10727.8.
  2. The Grantee must demonstrate compliance with all relevant eligibility criteria as set forth on pages 7 and 8 of the 2015 Grant Program Guidelines for the SGWP Grant Program.
  3. For the term of this Grant Agreement, the Grantee submits timely reports and all other deliverables as required by Paragraph 16, "Submission of Reports" and Exhibit A.
  4. Prior to the commencement of construction or implementation activities, if applicable, the Grantee shall submit the following to the State:
    - a. Final plans and specifications certified, signed, and stamped by a California Registered Civil Engineer as to compliance for each approved project as listed in Exhibit A of this Grant Agreement.

b. Work that is subject to the California Environmental Quality Act (CEQA) and or environmental permitting shall not proceed under this Grant Agreement until the following actions are performed:

- (1) The Grantee submits to the State all applicable environmental permits as indicated on the Environmental Information Form to the State,
- (2) Documents that satisfy the CEQA process are received by the State,
- (3) The State has completed its CEQA compliance review as a Responsible Agency, and
- (4) The Grantee receives written concurrence from the State of Lead Agency's CEQA document(s) and State notice of verification of environmental permit submittal.

The State's concurrence of Lead Agency's CEQA documents is fully discretionary and shall constitute a condition precedent to any work (i.e., construction or implementation activities) for which it is required. Once CEQA documentation has been completed, the State will consider the environmental documents and decide whether to continue to fund the project or to require changes, alterations or other mitigation. The Grantee must also demonstrate that it has complied with all applicable requirements of the National Environmental Policy Act by submitting copies of any environmental documents, including environmental impact statements, Finding of No Significant Impact, mitigation monitoring programs, and environmental permits as may be required prior to beginning construction/implementation.

c. A monitoring plan as required by Paragraph 18, "Monitoring Plan Requirements", if applicable for Implementation Components/Project(s).

- 6) **DISBURSEMENT OF FUNDS.** The State will disburse to the Grantee the amount approved, subject to the availability of funds through normal State processes. Notwithstanding any other provision of this Grant Agreement, no disbursement shall be required at any time or in any manner which is in violation of, or in conflict with, federal or state laws, rules, or regulations, or which may require any rebates to the federal government, or any loss of tax-free status on state bonds, pursuant to any federal statute or regulation. Any and all money disbursed to the Grantee under this Grant Agreement shall be deposited in a non-interest bearing account and shall be used solely to pay Eligible Project Costs.
- 7) **ELIGIBLE PROJECT COST.** The Grantee shall apply State funds received only to eligible Project Costs in accordance with applicable provisions of the law and Exhibit B. Eligible Project Costs include the reasonable costs of studies, engineering, design, land and easement acquisition, legal fees, preparation of environmental documentation, environmental mitigations, monitoring, project construction, and/or any other scope of work efforts as described in Exhibit A. Reimbursable administrative expenses are the necessary costs incidental but directly related to the Project included in this Agreement. Work performed on the Project after July 1, 2017, but before April 30, 2022, shall be eligible for reimbursement.

Costs that are not eligible for reimbursement with State funds cannot be counted as Cost Share. Costs that are not eligible for reimbursement include, but are not limited to, the following items:

1. Costs, other than those noted above, incurred prior to the award date of this Grant.
2. Costs for preparing and filing a grant application belonging to another solicitation.
3. Operation and maintenance costs, including post construction performance and monitoring costs.
4. Purchase of equipment that is not an integral part of a project.
5. Establishing a reserve fund.
6. Purchase of water supply.
7. Monitoring and assessment costs for efforts required after project construction is complete.
8. Replacement of existing funding sources for ongoing programs.

9. Support of existing agency requirements and mandates (e.g., punitive regulatory agency requirement).
  10. Purchase of land in excess of the minimum required acreage necessary to operate as an integral part of a project, as set forth and detailed by engineering and feasibility studies, or land purchased prior to the execution date of this Grant Agreement.
  11. Overhead and indirect costs: "Indirect Costs" means those costs that are incurred for a common or joint purpose benefiting more than one cost objective and are not readily assignable to the funded project (i.e., costs that are not directly related to the funded project). Examples of Indirect Costs include, but are not limited to: central service costs; general administration of the Grantee; non-project-specific accounting and personnel services performed within the Grantee's organization; depreciation or use allowances on buildings and equipment; the costs of operating and maintaining non-project-specific facilities; tuition and conference fees; and, generic overhead or markup. This prohibition applies to the Grantee and any subcontract or sub-agreement for work on the Project that will be reimbursed pursuant to this Agreement.
- 8) **METHOD OF PAYMENT FOR REIMBURSEMENT.** After the disbursement requirements in Paragraph 5 "Basic Conditions" are met, the State will disburse the whole or portions of State funding to the Grantee, following receipt from the Grantee via U.S. mail or Express mail delivery of a "wet signature" invoice for costs incurred, including Cost Share, and timely Progress Reports as required by Paragraph 16, "Submission of Reports." Payment will be made no more frequently than monthly, in arrears, upon receipt of an invoice bearing the Grant Agreement number. The State will notify the Grantee, in a timely manner, whenever, upon review of an Invoice, the State determines that any portion or portions of the costs claimed are not eligible costs or is not supported by documentation or receipts acceptable to the State. The Grantee may, within thirty (30) calendar days of the date of receipt of such notice, submit additional documentation to the State to cure such deficiency(ies). If the Grantee fails to submit adequate documentation curing the deficiency(ies), the State will adjust the pending invoice by the amount of ineligible or unapproved costs.

Invoices submitted by the Grantee shall include the following information:

1. Costs incurred for work performed in implementing the project during the period identified in the particular invoice.
2. Costs incurred for any interests in real property (land or easements) that have been necessarily acquired for a project during the period identified in the particular invoice for the implementation of a project.
3. Invoices shall be submitted on forms provided by the State and shall meet the following format requirements:
  - a. Invoices must contain the date of the invoice, the time period covered by the invoice, and the total amount due.
  - b. Invoices must be itemized based on the categories (i.e., tasks) specified in the Exhibit B. The amount claimed for salaries/wages/consultant fees must include a calculation formula (i.e., hours or days worked times the hourly or daily rate = the total amount claimed).
  - c. One set of sufficient evidence (i.e., receipts, copies of checks, time sheets) must be provided for all costs included in the invoice.
  - d. Each invoice shall clearly delineate those costs claimed for reimbursement from the State's funding amount, as depicted in Paragraph 3, "Grant Amount" and those costs that represent the Grantee's costs, as applicable, in Paragraph 4, "Grantee Cost Share."
  - e. Original signature and date (in ink) of the Grantee's Project Representative. Submit the original "wet signature" copy of the invoice form to the address listed in Paragraph 23, "Project Representative."

All invoices submitted shall be accurate and signed under penalty of perjury. Any and all costs submitted pursuant to this Agreement shall only be for the tasks set forth herein. The Grantee shall not submit any

invoice containing costs that are ineligible or have been reimbursed from other funding sources unless required and specifically noted as such (i.e., match costs). Any eligible costs for which the Grantee is seeking reimbursement shall not be reimbursed from any other source. Double or multiple billing for time, services, or any other eligible cost is illegal and constitutes fraud. Any suspected occurrences of fraud, forgery, embezzlement, theft, or any other misuse of public funds may result in suspension of disbursements of grant funds and/or termination of this Agreement requiring the repayment of all funds disbursed hereunder plus interest. Additionally, the State may request an audit pursuant to Exhibit D and refer the matter to the Attorney General's Office or the appropriate district attorney's office for criminal prosecution or the imposition of civil liability. (Civ. Code, §§ 1572-1573; Pen. Code, §§ 470, 489-490.)

- 9) **ADVANCED PAYMENT.** Water Code Section 10551 authorizes advance payment by the State for projects included and implemented in an applicable integrated regional water management plan, and when the project proponent is a nonprofit organization; a DAC; or the project benefits a DAC. If the project is awarded less than \$1,000,000 in grant funds, the project proponent may receive an advanced payment of up to 50% of the grant award; the remaining 50% of the grant award will be reimbursed in arrears. Within ninety (90) calendar days of execution of the Grant Agreement, the Grantee may provide the State an Advanced Payment Request. Advanced Payment Requests received ninety-one (91) calendar days after execution of this Agreement, or later, will not be eligible to receive advance payment. The Advanced Payment Request must contain the following:
1. Documentation demonstrating that each Local Project Sponsor (if different from the Grantee, as listed in Exhibit I) was notified about their eligibility to receive an advanced payment and a response from the Local Project Sponsor stating whether it wishes to receive the advanced payment or not.
  2. If the Local Project Sponsor is requesting the advanced payment, the request must include:
    - a. A funding plan which shows how the advanced funds will be expended within 18 months of this Grant Agreement's execution (i.e., for what, how much, and when).
    - b. A discussion of the Local Project Sponsor's financial capacity to complete the project once the advance funds have been expended, and include an "Audited Financial Statement Summary Form" specific to the DAC.
  3. If a Local Project Sponsor is requesting advanced payment, the Grantee shall also submit a single Advance Payment Form Invoice, containing the request for each qualified project, to the State Project Manager with "wet signature" and date of the Grantee's Project Representative, as indicated in Paragraph 23, "Project Representative." The Grantee shall be responsible for the timely distribution of the advanced funds to the respective Local Project Sponsor(s). Within sixty (60) calendar days of receiving the Advanced Payment Form Invoice and subject to the availability of funds, the State will authorize payment of the advanced funds sought of up to 50% of the grant award for the qualified project(s). The Advanced Payment Form Invoice shall be submitted on forms provided by the State and shall meet the following format requirements:
    - a. Invoice must contain the date of the invoice, the time period covered by the invoice, and the total amount due.
    - b. Invoice must be itemized based on the categories (i.e., tasks) specified in Exhibit B.
    - c. The State Project Manager will notify the Grantee, in a timely manner, when, upon review of an Advance Payment Form Invoice, the State determines that any portion or portions of the costs claimed are not eligible costs. The Grantee may, within thirty (30) calendar days of the date of receipt of such notice, submit additional documentation to cure such deficiency(ies). After the distribution requirements in Paragraph 5, "Basic Conditions" are met, the State will disburse the whole or portions of State funding to the Grantee, following receipt from the Grantee via US mail or Express mail delivery of a "wet signature" invoice for costs incurred, including Cost Share, and timely Progress Reports as required by Paragraph 16, "Submission of Reports."

4. On a quarterly basis, the Grantee will submit an Accountability Report to the State that demonstrates how actual expenditures compare with the scheduled budget. The Accountability Report shall include the following information:
  - a. An itemization of how advanced funds have been expended to-date (Expenditure Summary), including documentation that supports the expenditures (e.g., contractor invoices, receipts, personnel hours, etc.). Invoices must be itemized based on the budget categories (i.e., tasks) specified in Exhibit B.
  - b. A funding plan which shows how the remaining advanced funds will be expended.
  - c. Documentation that the funds were placed in a non-interest bearing account, including the dates of deposits and withdrawals from that account.
  - d. The State Project Manager will notify the Grantee, in a timely manner, when, upon review of the Expenditure Summary, the State determines that any portion of the expenditures claimed are not eligible costs. The Grantee may, within thirty (30) calendar days of the date of receipt of such notice, submit additional documentation to cure such deficiency(ies). If costs are not consistent with the tasks in Exhibit B, the State will reject the claim and remove them from the Expenditure Summary.
5. Once the Grantee has expended all advanced funds, then the method of payment will revert to the reimbursement process specified in Paragraph 8, "Method of Payment for Reimbursement.", and any remaining requirements of Paragraph 5, "Basic Conditions."

10) **REPAYMENT OF ADVANCES.** The State may demand repayment from the Grantee of all or any portion of the advanced State funding along with interest at the California general obligation bond interest rate at the time the State notifies the Grantee, as directed by the State, and take any other action that it deems necessary to protect its interests for the following conditions:

1. A project is not being implemented in accordance with the provisions of the Grant Agreement.
2. The Grantee has failed in any other respect to comply with the provisions of this Grant Agreement, and if the Grantee does not remedy any such failure to the State's satisfaction.
3. Repayment amounts may also include:
  - a. Advance funds which have not been expended within 18 months of the Grant Agreement's execution.
  - b. Actual costs incurred are not consistent with the activities presented in Exhibit A, not supported, or are ineligible.
  - c. At the completion of the project, the funds have not been expended.

For conditions 10) 3.a. and 10) 3.b., repayment may consist of deducting the amount from future reimbursement invoices. The State may consider the Grantee's refusal to repay the requested advanced amount a substantial breach of this Grant Agreement subject to the default provisions in Paragraph 12, "Default Provisions." If the State notifies the Grantee of its decision to demand repayment or withhold the entire funding amount from the Grantee pursuant to this paragraph, this Grant Agreement shall terminate upon receipt of such notice by the Grantee and the State shall no longer be required to provide funds under this Grant Agreement and the Grant Agreement shall no longer be binding on either party.

11) **WITHHOLDING OF DISBURSEMENTS BY THE STATE.** If the State determines that a project is not being implemented in accordance with the provisions of this Grant Agreement, or that the Grantee has failed in any other respect to comply with the provisions of this Grant Agreement, and if the Grantee does not remedy any such failure to the State's satisfaction, the State may withhold from the Grantee all or any portion of the State funding and take any other action that it deems necessary to protect its interests. Where a portion of the State funding has been disbursed to the Grantee and the State notifies the Grantee

of its decision not to release funds that have been withheld pursuant to Paragraph 13, "Continuing Eligibility," the portion that has been disbursed shall thereafter be repaid immediately with interest at the California general obligation bond interest rate at the time the State notifies the Grantee, as directed by the State. The State may consider the Grantee's refusal to repay the requested disbursed amount a contract breach subject to the default provisions in Paragraph 12, "Default Provisions." If the State notifies the Grantee of its decision to withhold the entire funding amount from the Grantee pursuant to this paragraph, this Grant Agreement shall terminate upon receipt of such notice by the Grantee and the State shall no longer be required to provide funds under this Grant Agreement and the Grant Agreement shall no longer be binding on either party.

12) **DEFAULT PROVISIONS.** The Grantee will be in default under this Grant Agreement if any of the following occur:

1. Substantial breaches of this Grant Agreement, or any supplement or amendment to it, or any other agreement between the Grantee and the State evidencing or securing the Grantee's obligations;
2. Making any false warranty, representation, or statement with respect to this Grant Agreement or the application filed to obtain this Grant Agreement;
3. Failure to operate or maintain project in accordance with this Grant Agreement.
4. Failure to make any remittance required by this Grant Agreement.
5. Failure to comply with Labor Compliance Plan requirements.
6. Failure to submit timely progress reports.
7. Failure to routinely invoice the State.
8. Failure to meet any of the requirements set forth in Paragraph 13, "Continuing Eligibility."

Should an event of default occur, the State shall provide a notice of default to the Grantee and shall give the Grantee at least ten (10) calendar days to cure the default from the date the notice is sent via first-class mail to the Grantee. If the Grantee fails to cure the default within the time prescribed by the State, the State may do any of the following:

9. Declare the funding be immediately repaid, with interest, which shall be equal to the State of California general obligation bond interest rate in effect at the time of the default.
10. Terminate any obligation to make future payments to the Grantee.
11. Terminate the Grant Agreement.
12. Take any other action that it deems necessary to protect its interests.

In the event the State finds it necessary to enforce this provision of this Grant Agreement in the manner provided by law, the Grantee agrees to pay all costs incurred by the State including, but not limited to, reasonable attorneys' fees, legal expenses, and costs.

13) **CONTINUING ELIGIBILITY.** The Grantee must meet the following ongoing requirement(s) to remain eligible to receive State funds:

1. An urban water supplier that receives grant funds pursuant to this Grant Agreement must maintain compliance with the Urban Water Management Planning Act (UWMP; Wat. Code, § 10610 et seq.) and Sustainable Water Use and Demand Reduction (Wat. Code, § 10608 et seq.) by doing the following:
  - a. Have submitted their 2015 UWMP and had it deemed consistent by DWR. If the 2015 UWMP has not been submitted to DWR funding disbursements to the urban water supplier will cease until the 2015 UWMP is submitted. If the 2015 UWMP is deemed inconsistent by DWR, the urban water supplier will be ineligible to receive funding disbursements until the inconsistencies are addressed and DWR deems the UWMP consistent. For more information, visit the following website:

<https://www.water.ca.gov/Programs/Water-Use-And-Efficiency/Urban-Water-Use-Efficiency/Urban-Water-Management-Plans>.

- b. All urban water suppliers must submit documentation that demonstrates they are meeting the 2015 interim gallons per capita per day (GPCD) target. If not meeting the interim target, the Grantee must submit a schedule, financing plan, and budget for achieving the GPCD target, as required pursuant to Water Code Section 10608.24. Urban water suppliers that did not meet their 2015 interim GPCD target must also submit annual reports that include a schedule, financing plan, and budget for achieving the GPCD target by June 30 of each year.
2. An agricultural water supplier receiving grant funding must:
    - a. Comply with Sustainable Water Use and Demand Reduction requirements outlined in Water Code Section 10608, et seq. Submit to the State a schedule, financing plan, and budget for implementation of the efficient water management practices, required pursuant to Water Code Section 10608.48.
    - b. Have their Agricultural Water Management Plan (AWMP) deemed consistent by DWR. To maintain eligibility and continue funding disbursements, an agricultural water supply must have their 2015 AWMP identified on the State's website. For more information, visit the following website:  
<https://www.water.ca.gov/Work-With-Us/Grants-And-Loans/Agriculture-Water-Use-Efficiency>.
  3. The Grantee diverting surface water must maintain compliance with diversion reporting requirements as outlined in Part 5.1 of Division 2 of the Water Code.
  4. If applicable, the Grantee must demonstrate compliance with the Groundwater Management Act set forth on pages 7 and 8 of the 2015 SGWP Grant Program Guidelines, dated October 2015.
  5. Grantees that have been designated as monitoring entities under the California Statewide Groundwater Elevation Monitoring (CASGEM) Program must maintain reporting compliance, as required by Water Code Section 10932 and the CASGEM Program.
- 14) **PERMITS, LICENSES, APPROVALS, AND LEGAL OBLIGATIONS.** The Grantee shall be responsible for obtaining any and all permits, licenses, and approvals required for performing any work under this Grant Agreement, including those necessary to perform design, construction, or operation and maintenance of the Project(s). The Grantee shall be responsible for observing and complying with any applicable federal, state, and local laws, rules or regulations affecting any such work, specifically those including, but not limited to, environmental, procurement, and safety laws, rules, regulations, and ordinances. The Grantee shall provide copies of permits and approvals to the State.
- 15) **RELATIONSHIP OF PARTIES.** If applicable, the Grantee is solely responsible for design, construction, and operation and maintenance of projects within the work plan. Review or approval of plans, specifications, bid documents, or other construction documents by the State is solely for the purpose of proper administration of funds by the State and shall not be deemed to relieve or restrict responsibilities of the Grantee under this Grant Agreement.
- 16) **SUBMISSION OF REPORTS.** The submittal and approval of all reports is a requirement for the successful completion of this Grant Agreement. Reports shall meet generally accepted professional standards for technical reporting and shall be proofread for content, numerical accuracy, spelling, and grammar prior to submittal to the State. All reports shall be submitted to the State's Project Manager, and shall be submitted via Department of Water Resources (DWR) "Grant Review and Tracking System" (GRanTS). If requested, the Grantee shall promptly provide any additional information deemed necessary by the State for the approval of reports. Reports shall be presented in the formats described in the applicable portion of Exhibit F. The timely submittal of reports is a requirement for initial and continued disbursement of State funds. Submittal and subsequent approval by the State of a Project Completion Report is a requirement for the release of any funds retained for such project.

1. **Progress Reports:** The Grantee shall submit Progress Reports to meet the State's requirement for disbursement of funds. Progress Reports shall be uploaded via GRanTS, and the State's Project Manager notified of upload. Progress Reports shall, in part, provide a brief description of the work performed, Grantees activities, milestones achieved, any accomplishments and any problems encountered in the performance of the work under this Grant Agreement during the reporting period. The first Progress Report should be submitted to the State no later than four (4) months after the execution of the agreement, with future reports then due on successive three-month increments based on the invoicing schedule and this date.
  2. **Groundwater Sustainability Plan:** The Grantee shall submit a Final Groundwater Sustainability Plan (GSP) to DWR by the date as specified per the Sustainable Groundwater Management Act (SGMA). The GSP shall be formatted, drafted, prepared, and completed as required by the GSP Regulations, and in accordance with any other regulations or requirements that are stipulated through SGMA.
  3. **Coordination Agreement:** The Grantee shall provide the State a copy of the executed Coordination Agreement, and all supporting documentation. This condition is only required in basins where GSAs develop multiple GSPs pursuant to Water Code Section 10727(b)(3). Refer to the GSP Regulations for necessary details and requirements to prepare and submit a Coordination Agreement.
  4. **Accountability Report:** The Grantee shall prepare and submit to the State an Accountability Report on a quarterly basis if the Grantee received an Advanced Payment, consistent with the provisions in Paragraph 9, "Advanced Payment."
  5. **Completion Report:** The Grantee shall prepare and submit to the State a separate Completion Report for each project or component included in Exhibit A. The Grantee shall submit a Completion Report within ninety (90) calendar days of project/component completion. Each Completion Report shall include, in part, a description of actual work done, any changes or amendments to each project, and a final schedule showing actual progress versus planned progress, copies of any final documents or reports generated or utilized during a project. The Completion Report shall also include, if applicable for Implementation Project(s), certification of final project by a registered civil engineer, consistent with Exhibit D. A "Certification of Project Completion" form will be provided by the State.
  6. **Grant Completion Report:** Upon completion of the Project included in Exhibit A, the Grantee shall submit to the State a Grant Completion Report. The Grant Completion Report shall be submitted within ninety (90) calendar days of submitting the Completion Report for the final component or project to be completed under this Grant Agreement. The Grant Completion Report shall include reimbursement status, a brief description of each component completed, and how those components will further the goals of the GSP and sustainable groundwater. Retention for the last component, or project, to be completed as part of this Grant Agreement will not be disbursed until the Grant Completion Report is submitted to be approved by the State.
  7. **Post-Performance Reports:** The Grantee shall prepare and submit to the State Post-Performance Reports on each applicable implementation type Project(s). Post-Performance Reports shall be submitted to the State within ninety (90) calendar days after the first operational year of a project has elapsed. This record keeping and reporting process shall be repeated annually for a total of three (3) years after the project begins operation.
- 17) **OPERATION AND MAINTENANCE OF PROJECT.** For the useful life of construction and implementation projects (pertinent to Implementation Projects) and in consideration of the funding made by the State, the Grantee agrees to ensure or cause to be performed the commencement and continued operation of the project, and shall ensure or cause the project to be operated in an efficient and economical manner; shall ensure all repairs, renewals, and replacements necessary to the efficient operation of the same are provided; and shall ensure or cause the same to be maintained in as good and efficient condition as upon its construction, ordinary and reasonable wear and depreciation excepted. The State shall not be liable for any cost of such maintenance, management, or operation. The Grantee or their successors may, with the

written approval of the State, transfer this responsibility to use, manage, and maintain the property. For purposes of this Grant Agreement, "useful life" means period during which an asset, property, or activity is expected to be usable for the purpose it was acquired or implemented; "operation costs" include direct costs incurred for material and labor needed for operations, utilities, insurance, and similar expenses, and "maintenance costs" include ordinary repairs and replacements of a recurring nature necessary for capital assets and basic structures and the expenditure of funds necessary to replace or reconstruct capital assets or basic structures. Refusal by the Grantee to ensure operation and maintenance of the projects in accordance with this provision may, at the option of the State, be considered a breach of this Grant Agreement and may be treated as default under Paragraph 12, "Default Provisions."

- 18) **MONITORING PLAN REQUIREMENTS.** Pertinent to Implementation Projects or Components, a Monitoring Plan shall be submitted to the State prior to disbursement of State funds for construction or monitoring activities. The Monitoring Plan should incorporate items defined and listed in Exhibit K.
- 19) **STATEWIDE MONITORING REQUIREMENTS.** The Grantee shall ensure that all groundwater projects and projects that include groundwater monitoring requirements are consistent with the Groundwater Quality Monitoring Act of 2001 (Wat. Code, § 10780 et seq.) and, where applicable, projects that affect water quality shall include a monitoring component that allows the integration of data into statewide monitoring efforts, including where applicable, the Surface Water Ambient Monitoring Program carried out by the State Water Resources Control Board. See Exhibit G for web links and information regarding other State monitoring and data reporting requirements.
- 20) **NOTIFICATION OF STATE.** The Grantee shall promptly notify the State, in writing, of the following items:
  1. Events or proposed changes that could affect the scope, budget, or work performed under this Grant Agreement. The Grantee agrees that no substantial change in the scope of a project will be undertaken until written notice of the proposed change has been provided to the State and the State has given written approval for such change. Substantial changes generally include changes to the scope of work, schedule or term, and budget.
  2. Any public or media event publicizing the accomplishments and/or results of this Grant Agreement and provide the opportunity for attendance and participation by the State's representatives. The Grantee shall make such notification at least fourteen (14) calendar days prior to the event.
  3. Applicable to Implementation Projects only, Final inspection of the completed work on a project by a Registered Professional (Civil Engineer, Engineering Geologist, or other State approved certified/license Professional), in accordance with Exhibit D. The Grantee shall notify the State's Project Manager of the inspection date at least 14 calendar days prior to the inspection in order to provide the State the opportunity to participate in the inspection.
- 21) **NOTICES.** Any notice, demand, request, consent, or approval that either party desires or is required to give to the other party under this Grant Agreement shall be in writing. Notices may be transmitted by any of the following means:
  1. By delivery in person.
  2. By certified U.S. mail, return receipt requested, postage prepaid.
  3. By "overnight" delivery service; provided that next-business-day delivery is requested by the sender.
  4. By electronic means.
  5. Notices delivered in person will be deemed effective immediately on receipt (or refusal of delivery or receipt). Notices sent by certified mail will be deemed effective given ten (10) calendar days after the date deposited with the U.S. Postal Service. Notices sent by overnight delivery service will be deemed effective one business day after the date deposited with the delivery service. Notices sent electronically will be effective on the date of transmission, which is documented in writing. Notices shall be sent to the

addresses listed below. Either party may, by written notice to the other, designate a different address that shall be substituted for the one below.

22) PERFORMANCE EVALUATION. Upon completion of this Grant Agreement, the Grantee's performance will be evaluated by the State and a copy of the evaluation will be placed in the State file and a copy sent to the Grantee.

23) PROJECT REPRESENTATIVES. The Project Representatives during the term of this Grant Agreement are as follows:

Department of Water Resources

Arthur Hinojosa  
Chief, Division of Integrated Regional Water  
Management  
P.O. Box 942836  
Sacramento, CA 94236-0001  
Phone: (916) 653-4736  
Email: [Arthur.Hinojosa@water.ca.gov](mailto:Arthur.Hinojosa@water.ca.gov)

Shasta Valley Resource Conservation District

Edward Stanton  
District Administrator  
215 Executive Court, Suite A  
Yreka, CA 96097  
Phone: (530) 572-3120  
Email: [estanton@svrccd.org](mailto:estanton@svrccd.org)

Direct all inquiries to the Project Manager:

Department of Water Resources

Patricia Vellines  
Northern Region Office  
2440 Main Street  
Red Bluff, CA 96080  
Phone: (530) 529-7344  
Email: [Patricia.Vellines@water.ca.gov](mailto:Patricia.Vellines@water.ca.gov)

Shasta Valley Resource Conservation District

Brandy Caporaso  
Finance Manager  
215 Executive Court, Suite A  
Yreka, CA 96097  
Phone: (530) 572-3120  
Email: [bcaporaso@svrccd.org](mailto:bcaporaso@svrccd.org)

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

24) STANDARD PROVISIONS. The following Exhibits are attached and made a part of this Grant Agreement by this reference:

Exhibit A – Work Plan

Exhibit B – Budget

Exhibit C – Schedule

Exhibit D – Standard Conditions

Exhibit E – Authorizing Resolution Accepting Funds

Exhibit F – Report Formats and Requirements

Exhibit G – Requirements for Data Submittal

Exhibit H – State Audit Document Requirements and Cost Share Guidelines for Grantees

Exhibit I – Local Project Sponsors (Not Used)

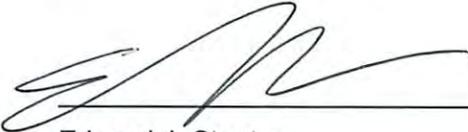
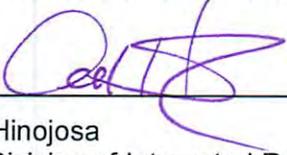
Exhibit J – Project Location

Exhibit K – Monitoring Plan

IN WITNESS WHEREOF, the parties hereto have executed this Grant Agreement.

STATE OF CALIFORNIA  
DEPARTMENT OF WATER RESOURCES

Shasta Valley Resource Conservation District



Arthur Hinojosa  
Chief, Division of Integrated Regional Water  
Management

Edward J. Stanton  
District Administrator

Date 11/9/18

Date 10/30/2018

Approved as to Legal Form and Sufficiency



Robin Brewer, Assistant Chief Counsel  
Office of Chief Counsel

Date 11-7-18

## EXHIBIT A WORK PLAN

**Project Title:** Groundwater Monitoring Implementation Program for the Shasta Valley GSA

**Project Description:** The purpose of this Project is to provide assistance to the GSA for the Shasta Valley Basin (Basin) and the Basin's public and private stakeholders, in their efforts to prepare a GSP to satisfy the requirements set forth by SGMA and GSP Regulations. This objective will be accomplished by establishing a groundwater and surface water monitoring network in the Basin that will establish baseline conditions, and assess the complex interactions between groundwater, surface water, and irrigation practices in the Shasta Valley. Data will be collected and analyzed in accordance with the Best Management Practices (BMPs) outlined by the Department of Water Resources (DWR). The data and analysis will be summarized and submitted to the Shasta Valley GSA for the purpose of informing an effective GSP.

### **Category (a): Grant Administration**

Prepare reports detailing work completed during reporting period as outlined in Exhibit F of this Agreement. Progress Reports will include sufficient information for DWR Project Manager to understand and review backup documentation submitted with invoices. Invoices should accompany the Progress Reports and should be submitted to the Project Manager for review to receive reimbursement on eligible funds per the Grant Agreement. Collect and organize backup documentation by task and prepare a summary document.

Prepare Draft Grant Completion Report and submit to DWR Project Manager for comment and review no later than 90-days after work completion. Prepare Final Grant Completion Report addressing the Project Manager's comments. The report shall be prepared and presented in accordance with the provisions of Exhibit F.

### Deliverables:

- Executed Grant Agreement and Amendments (if necessary)
- Draft and Final Grant Completion Reports
- Invoices with backup documentation
- Quarterly Progress reports

### **Category (b): Planning/Design/Engineering/Environmental Documentation**

#### **Task 1: CEQA Compliance and Permitting**

Prepare CEQA documentation for proposed monitoring activities within the Basin and upslope snow and precipitation stations including a Categorical Exemption under the Information Collection provision of Article 19, Section 15306 (Class 6), Title 14, California Code of Regulations, Chapter 3. Guidelines for Implementation of the California Environmental Quality Act, Article 19, Categorical Exemptions. Obtain well construction permits from Siskiyou County prior to drilling boreholes and installing piezometers. Obtain other permits as needed.

### Deliverables:

- Environmental Information Form
- CEQA documentation
- Copy of filed Notice of Exemption
- No Legal Challenges letter
- Copies of all approved permits listed in the EIF for installation of piezometers

#### **Task 2: Assessment and Evaluation**

### **Subtask 2.1: Existing Data Analysis and Review**

Compile and analyze redacted well completion reports from DWR to review and interpret subsurface geologic data that will aid in selecting appropriate active wells for groundwater monitoring consideration. Create a searchable database of well completion reports to be used as Global Information System (GIS) attributes for mappable wells, and help determine historic groundwater levels. Use the created database to select appropriate wells for groundwater monitoring consideration and use the resulting map to summarize and convey groundwater data.

#### **Deliverables:**

- Searchable database of critical well completion report criteria
- GIS shapefile of existing wells in the Basin

### **Subtask 2.2: Monitoring Implementation and Data Collection**

Conduct a groundwater monitoring well data gap analysis to leverage existing monitoring infrastructure. Coordinate with landowners and agencies to request access to monitor groundwater elevation in their wells. Obtain access agreements, if necessary.

Use information collected as part of Task 5 to establish a groundwater and surface water baseline for the GSP, using continuous and discrete monitoring of surface water and groundwater. Install precipitation monitoring equipment in the Basin and upper watershed to collect snow and rainfall data throughout the Basin. Maintain, collect, and process precipitation data. Install two California Irrigation Management Information System (CIMIS) stations to obtain reference evapotranspiration values and crop coefficients in the Basin and help in determining water balance

#### **Deliverables:**

- Landowner access agreements
- Groundwater and surface water elevations baseline report
- CIMIS station evapotranspiration estimates for Basin

## **Category (c): Public Outreach and Education**

### **Task 3: Educational Seminars**

Coordinate and participate in technical and advisory seminars with stakeholders to educate the public on matters of hydrology, geology, irrigation, and resource sustainability, as they relate to groundwater and the Basin. Partner with GSA and the Shasta Valley Basin Groundwater Advisory Committee (SGAC) to provide public outreach services related to groundwater and SGMA.

#### **Deliverables:**

- Summaries of seminars included in Quarterly Progress Reports

### **Task 4: Public Meetings and Outreach**

Attend public meetings of the Shasta Valley Groundwater Sustainability Committee and the GSA to help answer questions and stay current and informed of policy decisions regarding groundwater sustainability in the Basin. Publish articles in local newspapers and other media, regarding groundwater sustainability issues in the Basin. Publish newsletters and SVRCD updates of groundwater sustainability issues and best management practices.

#### **Deliverables:**

- Summaries of meetings included in Quarterly Progress Report
- Published articles and newsletters

**Category (d): Construction/Implementation**

**Task 5: Piezometer Transect Study**

Complete tasks necessary to administer construction contract bidding including: initiate Project construction, keep records of construction activities, inspection and progress, conduct Project construction photo monitoring, inspect Project components and establish that work is complete. Verification that all Project components have been installed and are functioning as specified will be conducted as part of construction inspection and project closeout.

Install 'drive-in' piezometers by driving-in approximately three piezometers per site at approximately four sites where high volumes of stream gains or losses occur. Installation of a 'drive-in' piezometer does not require drilling an oversized hole, installation of packing material around the screen, or a well seal material. If the site requires drilling to install a shallow piezometer for the purpose of collecting elevation, temperature, and groundwater gradient data, then a small tractor with an auger attachment may be utilized and sealed to conformance to State and County well standards. Grantee will be present to record subsurface material and will be reviewed by a California Registered Professional Geologist.

Install dataloggers for continuous groundwater elevation monitoring; maintain dataloggers and collect and process datalogger data. Conduct piezometric transect studies to determine water gains, losses, and gradient near surface waters. Conduct aquifer performance tests to obtain site specific hydrologic properties of subsurface strata.

**Deliverables:**

- Report of piezometer transects studies and associated data, including aquifer performance test results
- Timeline for completion of all piezometer installations included in associated Quarterly Report
- Completion reports for each piezometer including survey location data and photographic documentation

**EXHIBIT B  
BUDGET**

<b>Project Budget</b>					
<b>Project Title: Groundwater Monitoring Implementation Program for the Shasta Valley GSA</b>					
<b>Budget Category</b>		<b>Grant Amount</b>	<b>Required Cost Share (non-state source)*</b>	<b>Other Cost Share</b>	<b>Total Cost</b>
(a)	Grant Administration	\$126,750	\$0	\$0	\$126,750
(b)	Planning/Design/Engineering/ Environmental Documentation	\$757,634	\$0	\$0	\$757,634
(c)	Public Outreach and Education	\$42,500	\$0	\$0	\$42,500
(d)	Construction/Implementation	\$50,000	\$0	\$0	\$50,000
<b>TOTAL COSTS</b>		<b>\$976,884</b>	<b>\$0</b>	<b>\$0</b>	<b>\$976,884</b>

**NOTES:**

\*Grantee received a DAC/EDA/SDAC cost share waiver of 100%

**EXHIBIT C  
SCHEDULE**

<b>Project Schedule</b>			
<b>Project Title: Groundwater Monitoring Implementation Program for the Shasta Valley GSA</b>			
<b>Categories</b>		<b>Start Date</b>	<b>End Date</b>
(a)	Grant Administration	6/1/2017	3/31/2022
(b)	Planning/Design/Engineering/ Environmental Documentation	11/1/2017	12/31/2021
(c)	Public Outreach and Education	3/1/2018	12/31/2021
(d)	Construction/Implementation	11/1/2017	12/31/2021

**EXHIBIT D**  
**STANDARD CONDITIONS**

**D.1) ACCOUNTING AND DEPOSIT OF FUNDING DISBURSEMENT:**

- a) **Separate Accounting of Funding Disbursements:** The Grantee shall account for the money disbursed pursuant to this Grant Agreement separately from all other Grantee funds. The Grantee shall maintain audit and accounting procedures that are in accordance with generally accepted accounting principles and practices, consistently applied. The Grantee shall keep complete and accurate records of all receipts and disbursements on expenditures of such funds. The Grantee shall require its contractors or subcontractors to maintain books, records, and other documents pertinent to their work in accordance with generally accepted accounting principles and practices. Records are subject to inspection by the State at any and all reasonable times.
- b) **Disposition of Money Disbursed:** All money disbursed pursuant to this Grant Agreement shall be deposited in a non-interest bearing account, administered, and accounted for pursuant to the provisions of applicable law.
- c) **Remittance of Unexpended Funds:** The Grantee shall remit to the State any unexpended funds that were disbursed to the Grantee under this Grant Agreement and were not used to pay Eligible Project Costs within a period of sixty (60) calendar days from the final disbursement from the State to the Grantee of funds or, within thirty (30) calendar days of the expiration of the Grant Agreement, whichever comes first.

**D.2) ACKNOWLEDGEMENT OF CREDIT AND SIGNAGE:** The Grantee shall include appropriate acknowledgement of credit to the State for its support when promoting the Project or using any data and/or information developed under this Grant Agreement. Signage shall be posted in a prominent location at Project site(s) (if applicable) or at the Grantee's headquarters and shall include the Department of Water Resources color logo and the following disclosure statement: "Funding for this project has been provided in full or in part from the Water Quality, Supply, and Infrastructure Improvement Act of 2014 and through an agreement with the State Department of Water Resources." The Grantee shall also include in each of its contracts for work under this Agreement a provision that incorporates the requirements stated within this paragraph.

**D.3) AMENDMENT:** This Grant Agreement may be amended at any time by mutual agreement of the Parties, except insofar as any proposed amendments are in any way contrary to applicable law. Requests by the Grantee for amendments must be in writing stating the amendment request and the reason for the request. The State shall have no obligation to agree to an amendment.

**D.4) AMERICANS WITH DISABILITIES ACT:** By signing this Grant Agreement, the Grantee assures the State that it complies with the Americans with Disabilities Act (ADA) of 1990, (42 U.S.C. § 12101 et seq.), which prohibits discrimination on the basis of disability, as well as all applicable regulations and guidelines issued pursuant to the ADA.

**D.5) AUDITS:** The State reserves the right to conduct an audit at any time between the execution of this Grant Agreement and the completion of the Project, with the costs of such audit borne by the State. After completion of the Project, the State may require the Grantee to conduct a final audit to the State's specifications, at the Grantee's expense, such audit to be conducted by and a report prepared by an independent Certified Public Accountant. Failure or refusal by the Grantee to comply with this provision shall be considered a breach of this Grant Agreement, and the State may elect to pursue any remedies provided in Paragraph 12 or take any other action it deems necessary to protect its interests.

Pursuant to Government Code Section 8546.7, the Grantee shall be subject to the examination and audit by the State for a period of three (3) years after final payment under this Grant Agreement with respect of all matters connected with this Grant Agreement, including but not limited to, the cost of

administering this Grant Agreement. All records of the Grantee or its contractor or subcontractors shall be preserved for this purpose for at least three (3) years after receipt of the final disbursement under this Agreement. If an audit reveals any impropriety, the Bureau of State Audits or the State Controller's Office may conduct a full audit of any or all of the Funding Recipient's activities. (Wat. Code, § 79708, subd. (b).)

- D.6) **BUDGET CONTINGENCY:** If the Budget Act of the current year covered under this Grant Agreement does not appropriate sufficient funds for this program, this Grant Agreement shall be of no force and effect. This provision shall be construed as a condition precedent to the obligation of the State to make any payments under this Grant Agreement. In this event, the State shall have no liability to pay any funds whatsoever to the Grantee or to furnish any other considerations under this Grant Agreement and the Grantee shall not be obligated to perform any provisions of this Grant Agreement. Nothing in this Grant Agreement shall be construed to provide the Grantee with a right of priority for payment over any other Grantee. If funding for any fiscal year after the current year covered by this Grant Agreement is reduced or deleted by the Budget Act, by Executive Order, or by order of the Department of Finance, the State shall have the option to either cancel this Grant Agreement with no liability occurring to the State, or offer a Grant Agreement amendment to the Grantee to reflect the reduced amount.
- D.7) **CEQA:** Activities funded under this Grant Agreement, regardless of funding source, must be in compliance with the California Environmental Quality Act (CEQA). (Pub. Resources Code, § 21000 et seq.) Any work that is subject to CEQA and funded under this Grant Agreement shall not proceed until documents that satisfy the CEQA process are received by the State's Project Manager and the State has completed its CEQA compliance. Work funded under the Grant Agreement subject to a CEQA document shall not proceed until and unless approved by the State Project Manager. Such approval is fully discretionary and shall constitute a condition precedent to any work for which it is required. If CEQA compliance by the Grantee is not complete at the time the State signs this Agreement, once the State has considered the environmental documents, it may decide to require changes, alterations, or other mitigation to the Project; or to not fund the Project. Should the State decide to not fund the Project, this Agreement shall be terminated in accordance with Paragraph 12.
- D.8) **CHILD SUPPORT COMPLIANCE ACT:** The Grantee acknowledges in accordance with Public Contract Code Section 7110, that:
- a) The Grantee recognizes the importance of child and family support obligations and shall fully comply with all applicable state and federal laws relating to child and family support enforcement, including, but not limited to, disclosure of information and compliance with earnings assignment orders, as provided in Family Code Section 5200 et seq.; and
  - b) The Grantee, to the best of its knowledge is fully complying with the earnings assignment orders of all employees and is providing the names of all new employees to the New Hire Registry maintained by the California Employment Development Department.
- D.9) **CLAIMS DISPUTE:** Any claim that the Grantee may have regarding performance of this Agreement including, but not limited to, claims for additional compensation or extension of time, shall be submitted to the DWR Project Representative, within thirty (30) days of the Grantee's knowledge of the claim. The State and the Grantee shall then attempt to negotiate a resolution of such claim and process an amendment to this Agreement to implement the terms of any such resolution.
- D.10) **COMPETITIVE BIDDING AND PROCUREMENTS:** The Grantee shall comply with all applicable laws and regulations regarding securing competitive bids and undertaking competitive negotiations in the Grantee's contracts with other entities for acquisition of goods and services and construction of public works with funds provided by the State under this Grant Agreement.
- D.11) **COMPUTER SOFTWARE:** The Grantee certifies that it has appropriate systems and controls in place to ensure that State funds will not be used in the performance of this Grant Agreement for the acquisition, operation, or maintenance of computer software in violation of copyright laws.

- D.12) **CONFLICT OF INTEREST:** All participants are subject to state and federal conflict of interest laws. Failure to comply with these laws, including business and financial disclosure provisions, will result in the application being rejected and any subsequent contract being declared void. Other legal action may also be taken. Applicable statutes include, but are not limited to, Government Code Section 1090 and Public Contract Code Sections 10410 and 10411, for State conflict of interest requirements.
- a) **Current State Employees:** No State officer or employee shall engage in any employment, activity, or enterprise from which the officer or employee receives compensation or has a financial interest and which is sponsored or funded by any State agency, unless the employment, activity, or enterprise is required as a condition of regular State employment. No State officer or employee shall contract on his or her own behalf as an independent contractor with any State agency to provide goods or services.
  - b) **Former State Employees:** For the two-year period from the date he or she left State employment, no former State officer or employee may enter into a contract in which he or she engaged in any of the negotiations, transactions, planning, arrangements, or any part of the decision-making process relevant to the contract while employed in any capacity by any State agency. For the twelve-month period from the date he or she left State employment, no former State officer or employee may enter into a contract with any State agency if he or she was employed by that State agency in a policy-making position in the same general subject area as the proposed contract within the twelve-month period prior to his or her leaving State service.
  - c) **Employees of the Grantee:** Employees of the Grantee shall comply with all applicable provisions of law pertaining to conflicts of interest, including but not limited to any applicable conflict of interest provisions of the California Political Reform Act. (Gov. Code, § 87100 et seq.)
  - d) **Employees and Consultants to the Grantee:** Individuals working on behalf of the Grantee may be required by DWR to file a Statement of Economic Interests (Fair Political Practices Commission Form 700) if it is determined that an individual is a consultant for Political Reform Act purposes.
- D.13) **DELIVERY OF INFORMATION, REPORTS, AND DATA:** The Grantee agrees to expeditiously provide throughout the term of this Grant Agreement, such reports, data, information, and certifications as may be reasonably required by the State.
- D.14) **DISPOSITION OF EQUIPMENT:** The Grantee shall provide to the State, not less than 30 calendar days prior to submission of the final invoice, an itemized inventory of equipment purchased with funds provided by the State. The inventory shall include all items with a current estimated fair market value of more than \$5,000.00 per item. Within 60 calendar days of receipt of such inventory the State shall provide the Grantee with a list of the items on the inventory that the State will take title to. All other items shall become the property of the Grantee. The State shall arrange for delivery from the Grantee of items that it takes title to. Cost of transportation, if any, shall be borne by the State.
- D.15) **DRUG-FREE WORKPLACE CERTIFICATION:** Certification of Compliance: By signing this Grant Agreement, the Grantee, its contractors or subcontractors hereby certify, under penalty of perjury under the laws of State of California, compliance with the requirements of the Drug-Free Workplace Act of 1990 (Gov. Code § 8350 et seq.) and have or will provide a drug-free workplace by taking the following actions:
- a) Publish a statement notifying employees, contractors, and subcontractors that unlawful manufacture, distribution, dispensation, possession, or use of a controlled substance is prohibited and specifying actions to be taken against employees, contractors, or subcontractors for violations, as required by Government Code Section 8355.
  - b) Establish a Drug-Free Awareness Program, as required by Government Code Section 8355 to inform employees, contractors, or subcontractors about all of the following:

- i) The dangers of drug abuse in the workplace,
  - ii) The Grantee's policy of maintaining a drug-free workplace,
  - iii) Any available counseling, rehabilitation, and employee assistance programs, and
  - iv) Penalties that may be imposed upon employees, contractors, and subcontractors for drug abuse violations.
- c) Provide, as required by Government Code Section 8355, that every employee, contractor, and/or subcontractor who works under this Grant Agreement:
- i) Will receive a copy of the Grantee's drug-free policy statement, and
  - ii) Will agree to abide by terms of the Grantee's condition of employment, contract or subcontract.

D.16) **EASEMENTS:** Where the Grantee acquires property in fee title or funds improvements to real property already owned in fee by the Grantee using State funds provided through this Grant Agreement, an appropriate easement or other title restriction providing for floodplain preservation and agricultural and/or wildlife habitat conservation for the subject property in perpetuity, approved by the State, shall be conveyed to a regulatory or trustee agency or conservation group acceptable to the State. The easement or other title restriction must be in first position ahead of any recorded mortgage or lien on the property unless this requirement is waived by the State.

Where the Grantee acquires an easement under this Agreement, the Grantee agrees to monitor and enforce the terms of the easement, unless the easement is subsequently transferred to another land management or conservation organization or entity with State permission, at which time monitoring and enforcement responsibilities will transfer to the new easement owner.

Failure to provide an easement acceptable to the State can result in termination of this Agreement.

D.17) **FINAL INSPECTIONS AND CERTIFICATION OF REGISTERED PROFESSIONAL:** Upon completion of the Project, the Grantee shall provide for a final inspection and certification by a California Registered Professional (i.e., Professional Civil Engineer, Engineering Geologist, that the Project has been completed in accordance with submitted final plans and specifications and any modifications thereto and in accordance with this Grant Agreement.

D.18) **GRANTEE'S RESPONSIBILITY.** The Grantee and its representatives shall:

- a) Faithfully and expeditiously perform or cause to be performed all project work as described in Exhibit A and in accordance with Project Exhibit B and Exhibit C.
- b) Accept and agree to comply with all terms, provisions, conditions, and written commitments of this Grant Agreement, including all incorporated documents, and to fulfill all assurances, declarations, representations, and statements made by the Grantee in the application, documents, amendments, and communications filed in support of its request for funding.
- c) Comply with all applicable California, federal, and local laws and regulations.
- d) Implement the Project in accordance with applicable provisions of the law.
- e) Fulfill its obligations under the Grant Agreement and be responsible for the performance of the Project.
- f) Obtain any and all permits, licenses, and approvals required for performing any work under this Grant Agreement, including those necessary to perform design, construction, or operation and maintenance of the Project. The Grantee shall provide copies of permits and approvals to the State.
- g) Be solely responsible for design, construction, and operation and maintenance of projects within the work plan. Review or approval of plans, specifications, bid documents, or other construction

documents by the State is solely for the purpose of proper administration of funds by the State and shall not be deemed to relieve or restrict responsibilities of the Grantee under this Agreement.

- h) Be solely responsible for all work and for persons or entities engaged in work performed pursuant to this Grant Agreement, including, but not limited to, contractors, subcontractors, suppliers, and providers of services. The Grantee shall be responsible for any and all disputes arising out of its contracts for work on the Project, including but not limited to payment disputes with contractors and subcontractors. The State will not mediate disputes between the Grantee and any other entity concerning responsibility for performance of work.
- D.19) **GOVERNING LAW:** This Grant Agreement is governed by and shall be interpreted in accordance with the laws of the State of California.
- D.20) **INCOME RESTRICTIONS:** The Grantee agrees that any refunds, rebates, credits, or other amounts (including any interest thereon) accruing to or received by the Grantee under this Agreement shall be paid by the Grantee to the State, to the extent that they are properly allocable to costs for which the Grantee has been reimbursed by the State under this Agreement.
- D.21) **INDEMNIFICATION:** The Grantee shall indemnify and hold and save the State, its officers, agents, and employees, free and harmless from any and all liabilities for any claims and damages (including inverse condemnation) that may arise out of the Project and this Agreement, including, but not limited to any claims or damages arising from planning, design, construction, maintenance and/or operation of this Project and any breach of this Agreement. The Grantee shall require its contractors or subcontractors to name the State, its officers, agents and employees as additional insureds on their liability insurance for activities undertaken pursuant to this Agreement.
- D.22) **INDEPENDENT CAPACITY:** The Grantee, and the agents and employees of the Grantees, in the performance of the Grant Agreement, shall act in an independent capacity and not as officers, employees, or agents of the State.
- D.23) **INSPECTION OF BOOKS, RECORDS, AND REPORTS:** During regular office hours, each of the parties hereto and their duly authorized representatives shall have the right to inspect and to make copies of any books, records, or reports of either party pertaining to this Grant Agreement or matters related hereto. Each of the parties hereto shall maintain and shall make available at all times for such inspection accurate records of all its costs, disbursements, and receipts with respect to its activities under this Grant Agreement. Failure or refusal by the Grantee to comply with this provision shall be considered a breach of this Grant Agreement, and the State may withhold disbursements to the Grantee or take any other action it deems necessary to protect its interests.
- D.24) **INSPECTIONS OF PROJECT BY STATE:** The State shall have the right to inspect the work being performed at any and all reasonable times during the term of the Grant Agreement. This right shall extend to any subcontracts, and the Grantee shall include provisions ensuring such access in all its contracts or subcontracts entered into pursuant to its Grant Agreement with the State.
- D.25) **LABOR CODE COMPLIANCE:** The Grantee agrees to be bound by all the provisions of the Labor Code regarding prevailing wages and shall monitor all contracts subject to reimbursement from this Agreement to assure that the prevailing wage provisions of the Labor Code are being met. Current Department of Industrial Relations (DIR) requirements may be found at <http://www.dir.ca.gov/lcp.asp>. For more information, please refer to DIR's *Public Works Manual* at: <http://www.dir.ca.gov/dlse/PWManualCombined.pdf>. The Grantee affirms that it is aware of the provisions of Section 3700 of the Labor Code, which requires every employer to be insured against liability for workers' compensation or to undertake self-insurance, and the Grantee affirms that it will comply with such provisions before commencing the performance of the work under this Agreement and will make its contractors and subcontractors aware of this provision.
- D.26) **MODIFICATION OF OVERALL WORK PLAN:** At the request of the Grantee, the State may at its sole discretion approve non-material changes to the portions of Exhibit A which concern the budget and

schedule without formally amending this Grant Agreement. Non-material changes with respect to the budget are changes that only result in reallocation of the budget and will not result in an increase in the amount of the State Grant Agreement. Non-material changes with respect to the Project schedule are changes that will not extend the term of this Grant Agreement. Requests for non-material changes to the budget and schedule must be submitted by the Grantee to the State in writing and are not effective unless and until specifically approved by the State's Program Manager in writing.

- D.27) **NONDISCRIMINATION:** During the performance of this Grant Agreement, the Grantee and its contractors or subcontractors shall not unlawfully discriminate, harass, or allow harassment against any employee or applicant for employment because of sex (gender), sexual orientation, race, color, ancestry, religion, creed, national origin (including language use restriction), pregnancy, physical disability (including HIV and AIDS), mental disability, medical condition (cancer/genetic characteristics), age (over 40), marital status, and denial of medial and family care leave or pregnancy disability leave. The Grantee and its contractors or subcontractors shall ensure that the evaluation and treatment of their employees and applicants for employment are free from such discrimination and harassment. The Grantee and its contractors or subcontractors shall comply with the provisions of the California Fair Employment and Housing Act (Gov. Code, § 12990.) and the applicable regulations promulgated there under (Cal. Code Regs., tit. 2, § 11000 et seq.). The applicable regulations of the Fair Employment and Housing Commission implementing the California Fair Employment and Housing Act are incorporated into this Agreement by reference. The Grantee and its contractors or subcontractors shall give written notice of their obligations under this clause to labor organizations with which they have a collective bargaining or other agreement.
- The Grantee shall include the nondiscrimination and compliance provisions of this clause in all subcontracts to perform work under the Grant Agreement.
- D.28) **OPINIONS AND DETERMINATIONS:** Where the terms of this Grant Agreement provide for action to be based upon, judgment, approval, review, or determination of either party hereto, such terms are not intended to be and shall never be construed as permitting such opinion, judgment, approval, review, or determination to be arbitrary, capricious, or unreasonable.
- D.29) **PRIORITY HIRING CONSIDERATIONS:** If this Grant Agreement includes services in excess of \$200,000, the Grantee shall give priority consideration in filling vacancies in positions funded by the Grant Agreement to qualified recipients of aid under Welfare and Institutions Code Section 11200 in accordance with Public Contract Code Section 10353.
- D.30) **PROHIBITION AGAINST DISPOSAL OF PROJECT WITHOUT STATE PERMISSION:** The Grantee shall not sell, abandon, lease, transfer, exchange, mortgage, hypothecate, or encumber in any manner whatsoever all or any portion of any real or other property necessarily connected or used in conjunction with the Project, or with the Grantee's service of water, without prior permission of the State. The Grantee shall not take any action, including but not limited to actions relating to user fees, charges, and assessments that could adversely affect the ability of the Grantee to meet its obligations under this Grant Agreement, without prior written permission of the State. The State may require that the proceeds from the disposition of any real or personal property be remitted to the State.
- D.31) **REMEDIES NOT EXCLUSIVE:** The use by either party of any remedy specified herein for the enforcement of this Grant Agreement is not exclusive and shall not deprive the party using such remedy of, or limit the application of, any other remedy provided by law.
- D.32) **RETENTION:** The State shall withhold ten percent (10%) of the funds requested by the Grantee for reimbursement of Eligible Project Costs until the Project is completed and Final Project Completion Report is approved. Any retained amounts due to the Grantee will be promptly disbursed to the Grantee, without interest, upon completion of the Project.
- D.33) **RIGHTS IN DATA:** The Grantee agrees that all data, plans, drawings, specifications, reports, computer programs, operating manuals, notes and other written or graphic work produced in the performance of

this Grant Agreement shall be made available to the State and shall be in the public domain to the extent to which release of such materials is required under the California Public Records Act. (Gov. Code, § 6250 et seq.) The Grantee may disclose, disseminate and use in whole or in part, any final form data and information received, collected and developed under this Grant Agreement, subject to appropriate acknowledgement of credit to the State for financial support. The Grantee shall not utilize the materials for any profit-making venture or sell or grant rights to a third party who intends to do so. The State shall have the right to use any data described in this paragraph for any public purpose.

- D.34) **SEVERABILITY:** Should any portion of this Grant Agreement be determined to be void or unenforceable, such shall be severed from the whole and the Grant Agreement shall continue as modified.
- D.35) **SUSPENSION OF PAYMENTS:** This Grant Agreement may be subject to suspension of payments or termination, or both if the State determines that:
- a) The Grantee, its contractors, or subcontractors have made a false certification, or
  - b) The Grantee, its contractors, or subcontractors violates the certification by failing to carry out the requirements noted in this Grant Agreement.
- D.36) **SUCCESSORS AND ASSIGNS:** This Grant Agreement and all of its provisions shall apply to and bind the successors and assigns of the parties. No assignment or transfer of this Grant Agreement or any part thereof, rights hereunder, or interest herein by the Grantee shall be valid unless and until it is approved by State and made subject to such reasonable terms and conditions as the State may impose.
- D.37) **TERMINATION BY GRANTEE:** Subject to State approval which may be reasonably withheld, the Grantee may terminate this Agreement and be relieved of contractual obligations. In doing so, the Grantee must provide a reason(s) for termination. The Grantee must submit all progress reports summarizing accomplishments up until termination date.
- D.38) **TERMINATION FOR CAUSE:** Subject to the right to cure under Paragraph 12, the State may terminate this Grant Agreement and be relieved of any payments should the Grantee fail to perform the requirements of this Grant Agreement at the time and in the manner herein, provided including but not limited to reasons of default under Paragraph 12.
- D.39) **TERMINATION WITHOUT CAUSE:** The State may terminate this Agreement without cause on 30 days advance written notice. The Grantee shall be reimbursed for all reasonable expenses incurred up to the date of termination.
- D.40) **THIRD PARTY BENEFICIARIES:** The parties to this Agreement do not intend to create rights in, or grant remedies to, any third party as a beneficiary of this Agreement, or any duty, covenant, obligation or understanding established herein.
- D.41) **TIMELINESS:** Time is of the essence in this Grant Agreement.
- D.42) **TRAVEL – DAC, EDA, or SDAC PROJECT/COMPONENT:** If a Project/Component obtains a DAC, EDA, or SDAC Cost Share Waiver, the Grantee may submit travel and per diem costs for eligible reimbursement with State funds. Travel includes the reasonable and necessary costs of transportation, subsistence, and other associated costs incurred by personnel during the term of this Grant Agreement. Any reimbursement for necessary travel and per diem shall be at rates not to exceed those set by the California Department of Human Resources. These rates may be found at: <http://www.calhr.ca.gov/employees/Pages/travel-reimbursements.aspx>. Reimbursement will be at the State travel and per diem amounts that are current as of the date costs are incurred. No travel outside the State of California shall be reimbursed unless prior written authorization is obtained from the State. All travel approved expenses will be reimbursed at the percentage rate of the DAC, EDA, or SDAC Cost Share Waiver. For example, if the Grantee obtains a 100% Waiver, 100% of all approved travel

expenses can be invoiced for reimbursement. If the Grantee obtains a 50% Waiver, only 50% of eligible travel expenses will be reimbursed by these grant funds.

- D.43) **TRAVEL – NON-DAC, EDA, or SDAC PROJECT/COMPONENT:** The Grantee agrees that travel and per diem costs shall NOT be eligible for reimbursement with State funds, unless the Grantee's service area is considered a DAC, EDA, or SDAC. The Grantee also agrees that travel and per diem costs shall NOT be eligible for computing Grantee Local Cost Share. Travel includes the costs of transportation, subsistence, and other associated costs incurred by personnel during the term of this Grant Agreement.
- D.44) **UNION ORGANIZING:** The Grantee, by signing this Grant Agreement, hereby acknowledges the applicability of Government Code Sections 16645 through 16649 to this Grant Agreement. Furthermore, the Grantee, by signing this Grant Agreement, hereby certifies that:
- a) No State funds disbursed by this Grant Agreement will be used to assist, promote, or deter union organizing.
  - b) The Grantee shall account for State funds disbursed for a specific expenditure by this Grant Agreement to show those funds were allocated to that expenditure.
  - c) The Grantee shall, where State funds are not designated as described in (b) above, allocate, on a pro rata basis, all disbursements that support the program.
  - d) If the Grantee makes expenditures to assist, promote, or deter union organizing, the Grantee will maintain records sufficient to show that no State funds were used for those expenditures and that the Grantee shall provide those records to the Attorney General upon request.
- D.45) **VENUE:** The State and the Grantee hereby agree that any action arising out of this Agreement shall be filed and maintained in the Superior Court in and for the County of Sacramento, California, or in the United States District Court in and for the Eastern District of California. The Grantee hereby waives any existing sovereign immunity for the purposes of this Agreement.
- D.46) **WAIVER OF RIGHTS:** None of the provisions of this Grant Agreement shall be deemed waived unless expressly waived in writing. It is the intention of the parties here to that from time to time either party may waive any of its rights under this Grant Agreement unless contrary to law. Any waiver by either party of rights arising in connection with the Grant Agreement shall not be deemed to be a waiver with respect to any other rights or matters, and such provisions shall continue in full force and effect.

EXHIBIT E  
AUTHORIZING RESOLUTION ACCEPTING FUNDS

RESOLUTION 17-011  
RESOLUTION OF THE SHASTA VALLEY RESOURCE CONSERVATION  
DISTRICT (SVRCD) BOARD OF DIRECTORS FOR THE CALIFORNIA DEPARTMENT OF  
WATER RESOURCES 2017 SUSTAINABLE GROUNDWATER PLANNING GRANT

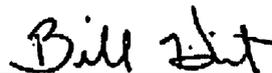
Resolved by the SVRCD Board of Directors, that an application be made to the California Department of Water Resources to obtain a grant under the 2017 Sustainable Groundwater Planning Grant Program pursuant to the Water Quality, Supply, and Infrastructure Improvement Act of 2014 (Proposition 1) (Water Code Section 79700 *et seq.*), and to enter into an agreement to receive a grant for the: *Groundwater Monitoring Implementation Program for the Shasta Valley GSA*. The District Manager of the SVRCD or designee is hereby authorized and directed to prepare the necessary data, conduct investigations, file such application, and execute a grant agreement with California Department of Water Resources. Passed and adopted at a meeting of the SVRCD on November 8, 2017.

AYES: BILL HIRT, CHRIS ROBERTSON, RYAN WALKER

NOES: NONE

ABSTAIN: NONE

ABESENT: ~~NONE~~ BETH SANDAHL, RICH KLUG

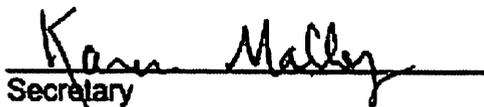


Chair, Board of Directors  
Bill Hirt

CERTIFICATION

I do hereby certify that the foregoing is a full, true, and correct copy of a resolution duly and regularly adopted at a meeting of the SVRCD held on November 8, 2017.

Clerk/Secretary:



Secretary  
Karen Mallory

## EXHIBIT F

### REPORT FORMATS AND REQUIREMENTS

The following reporting formats should be utilized. Please obtain State approval prior to submitting a report in an alternative format.

#### **PROGRESS REPORTS**

Progress reports shall generally use the following format. This format may be modified as necessary to effectively communicate information. For the Project, or each component, discuss the following at the task level, as organized in Exhibit A:

- Percent complete estimate.
- Discussion of work accomplished during the reporting period.
- Milestones or deliverables completed/submitted during the reporting period.
- Meetings held or attended.
- Scheduling concerns and issues encountered that may delay completion of the task.

For each project, discuss the following at the project level, as organized in Exhibit A:

- Work anticipated for the next reporting period.
- Photo documentation, as appropriate.
- Any schedule or budget modifications approved by DWR during the reporting period.

#### **COMPLETION REPORT**

The Completion Report shall generally use the following format provided below for each Component or Project after completion.

##### **Executive Summary**

The Executive Summary should include a brief summary of project information and include the following items:

- Brief description of work proposed to be done in the original Grant application.
- Description of actual work completed and any deviations from Exhibit A. List any official amendments to this Grant Agreement, with a short description of the amendment.

##### **Reports and/or Products**

The following items should be provided, unless already submitted as a deliverable:

- A copy of the Groundwater Sustainability Plan (GSP) that meets all the requirements of the GSP Regulations (for GSP Development Projects), or verification (e.g., acceptance email, or other approved documentation from SGMA), that the GSP was submitted to DWR as required.
- A copy of any final technical report or study, produced for or utilized in this Project as described in the Work Plan
- Electronic copies of any data collected, not previously submitted
- Discussion of problems that occurred during the work and how those problems were resolved
- Final Component schedule showing actual progress versus planned progress

Additional information that may be applicable for Implementation Projects and/or Components includes the following:

- As-built drawings
- Final geodetic survey information

- Project or Component photos

### **Cost & Disposition of Funds**

A list showing:

- Summary of Project costs including the following items:
  - Accounting of the cost of project expenditure
  - Include all internal and external costs not previously disclosed (i.e., additional cost share); and
  - A discussion of factors that positively or negatively affected the project cost and any deviation from the original Project cost estimate.

### **Additional Information**

- Benefits derived from the Component, with quantification of such benefits provided, applicable for Implementation Components.
- A final project schedule showing actual progress versus planned progress as shown in Exhibit C.
- Certification from a California Registered Professional (Civil Engineer or Geologist, as appropriate) that the project was conducted in accordance with the approved work plan and any approved modifications thereto.
- Submittal schedule for the Post Performance Report.

## **GRANT COMPLETION REPORT**

The Grant Completion Report shall generally use the following format. This format may be modified as necessary to effectively communicate information on the various projects in the SGWP Grant Program funded by this Grant Agreement, and includes the following:

### **Executive Summary**

The Executive Summary consists of a maximum of ten (10) pages summarizing information for the grant as well as the individual components.

### **Reports and/or products**

- Brief comparison of work proposed in the original 2017 SGWP Grant application and actual work done.
- Brief description of the Project or components completed and how they achieve either or both of the following:
  - Serve SDAC(s) and support groundwater sustainability planning and management in the basin (Implementation Projects); and/or
  - Support planning, development, and/or preparation of GSP(s) that will comply with and meet the requirements of the GSP Regulations (GSP Development Projects).
- Identify remaining work and mechanism for their implementation (Implementation Projects).
- If applicable (e.g., if a DAC, EDA, or SDAC Cost Share Waiver was approved), a discussion of the benefits to DAC, EDA, and/or SDAC as part of this Grant Agreement.

### **Cost & Disposition of Funds Information**

- A summary of final funds disbursement for the Project, or each component.

### **Additional Information**

- Summary of the submittal schedule for the Post Performance Reports applicable for the Project, or each of the components in this Grant Agreement.

## **POST-PERFORMANCE REPORT**

The Post-Performance Report should be concise, and focus on how (each/the) project or component is actually performing compared to its expected performance; whether the project or component is being operated and maintained, and providing intended benefits as proposed (for Implementation Project or components). The Post-Performance Report should follow the same general format and provide requested information as required to be included in the Project Monitoring Plan (Exhibit K). As applicable, the following information, at a minimum, shall be provided:

### **Reports and/or products**

- Time period of the annual report (e.g., January 2018 through December 2018)
- Short project description
- Discussion of the project benefits
- An assessment of any explanations for any differences between the expected versus actual project benefits as stated in the original 2017 SGWP Grant application. Where applicable, the reporting should include quantitative metrics (i.e., new acre-feet of water produced that year, etc.).
- Summary of any additional costs and/or benefits deriving from the project since its completion, if applicable.
- Continued reporting on meeting the Output Indicators and Targets discussed in the Project and/or Component Monitoring Plan discussed in Paragraph 18 of this Grant Agreement.
- Any additional information relevant to or generated by the continued operation of the project.

## EXHIBIT G

### REQUIREMENTS FOR DATA SUBMITTAL

#### **Surface and Groundwater Quality Data:**

Groundwater quality and ambient surface water quality monitoring data that include chemical, physical, or biological data shall be submitted to the State as described below, with a narrative description of data submittal activities included in project reports, as described in Exhibit F.

Surface water quality monitoring data shall be prepared for submission to the California Environmental Data Exchange Network (CEDEN). The CEDEN data templates are available on the CEDEN website. Inclusion of additional data elements described on the data templates is desirable. Data ready for submission should be uploaded to your CEDEN Regional Data Center via the CEDEN website. (CEDEN website: <http://www.ceden.org>).

If a project's Work Plan contains a groundwater ambient monitoring element, groundwater quality monitoring data shall be submitted to the State for inclusion in the State Water Resources Control Board's Groundwater Ambient Monitoring and Assessment (GAMA) Program. Information on the GAMA Program can be obtained at: [http://www.waterboards.ca.gov/water\\_issues/programs/gama/](http://www.waterboards.ca.gov/water_issues/programs/gama/). If further information is required, the Grantee can contact the State Water Resources Control Board (SWRCB) GAMA Program. A listing of SWRCB staff involved in the GAMA program can be found at: [http://www.swrcb.ca.gov/water\\_issues/programs/gama/contact.shtml](http://www.swrcb.ca.gov/water_issues/programs/gama/contact.shtml)

#### **Groundwater Level Data**

The Grantee shall submit to DWR groundwater level data collected as part of this grant. Water level data must be submitted using the California Statewide Groundwater Elevation Monitoring (CASGEM) online data submission system. The Grantee should use their official CASGEM Monitoring Entity or Cooperating Agency status to gain access to the online submittal tool and submit data. If the data is from wells that are not part of the monitoring network, the water level measurements should be classified as voluntary measurements in the CASGEM system. If the Grantee is not a Monitoring Entity or Cooperating Agency, please contact your DWR grant project manager for further assistance with data submittal. The activity of data submittal should be documented in appropriate progress or final project reports, as described in Exhibit F. Information regarding the CASGEM program can be found at: <http://www.water.ca.gov/Programs/Groundwater-Management/Groundwater-Elevation-Monitoring--CASGEM>

## EXHIBIT H

### STATE AUDIT DOCUMENT REQUIREMENTS AND COST SHARE GUIDELINES FOR GRANTEES

The following provides a list of documents typically required by State Auditors and general guidelines for Grantees. List of documents pertains to both State funding and the Grantee's Cost Share and details the documents/records that State Auditors would need to review in the event of this Grant Agreement is audited. Grantees should ensure that such records are maintained for each funded project.

#### State Audit Document Requirements

##### Internal Controls

1. Organization chart (e.g., Agency's overall organization chart and organization chart for the State funded Program/Project).
2. Written internal procedures and flowcharts for the following:
  - a) Receipts and deposits
  - b) Disbursements
  - c) State reimbursement requests
  - d) Expenditure tracking of State funds
  - e) Guidelines, policy, and procedures on State funded Program/Project
3. Audit reports of the Agency internal control structure and/or financial statements within the last two years.
4. Prior audit reports on the State funded Program/Project.

##### State Funding:

1. Original Grant Agreement, any amendment(s) and budget modification documents.
2. A listing of all bond-funded grants, loans, or subventions received from the State.
3. A listing of all other funding sources for each Program/Project.

##### Contracts:

1. All subcontractor and consultant contracts and related or partners documents, if applicable.
2. Contracts between the Agency and member agencies as related to the State funded Program/Project.

##### Invoices:

1. Invoices from vendors and subcontractors for expenditures submitted to the State for payments under the Grant Agreement.
2. Documentation linking subcontractor invoices to State reimbursement, requests and related Grant Agreement budget line items.
3. Reimbursement requests submitted to the State for the Grant Agreement.

##### Cash Documents:

1. Receipts (copies of warrants) showing payments received from the State.
2. Deposit slips (or bank statements) showing deposit of the payments received from the State.
3. Cancelled checks or disbursement documents showing payments made to vendors, subcontractors, consultants, and/or agents under the grants or loans.

4. Bank statements showing the deposit of the receipts.

Accounting Records:

1. Ledgers showing entries for the Grantee's receipts and cash disbursements.
2. Ledgers showing receipts and cash disbursement entries of other funding sources.
3. Bridging documents that tie the general ledger to requests for Grant Agreement reimbursement.

Administration Costs:

1. Supporting documents showing the calculation of administration costs.

Personnel:

1. List of all contractors and Agency staff that worked on the State funded Program/Project.
2. Payroll records including timesheets for contractor staff and the Agency personnel who provided services charged to the program

Project Files:

1. All supporting documentation maintained in the project files.
2. All Grant Agreement related correspondence.

**Cost Share Guidelines**

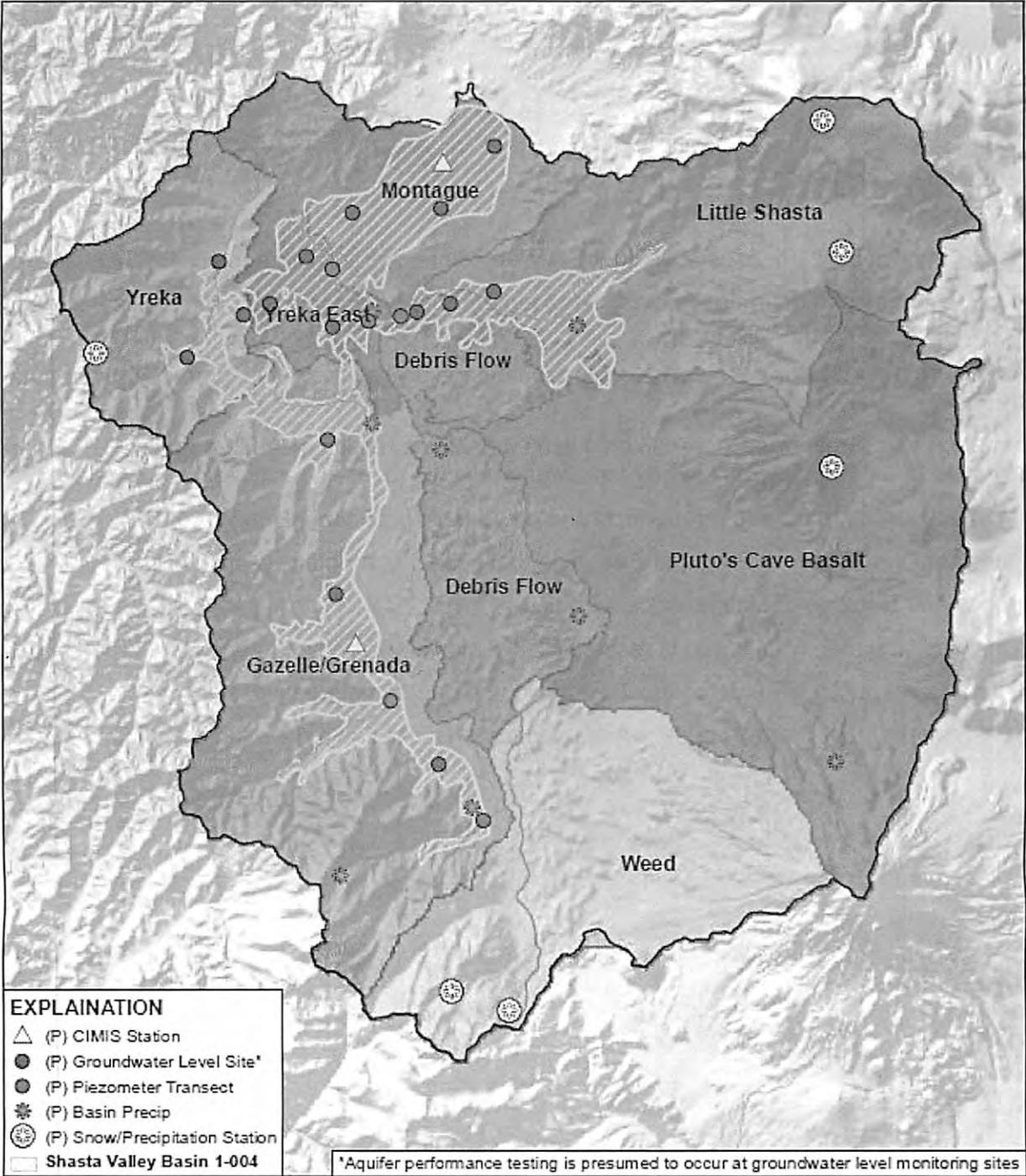
Cost Share consists of non-State funds, including in-kind services. In-kind services are defined as work performed (i.e., dollar value of non-cash contributions) by the Grantee (and potentially other parties) directly related to the execution of the funded project. Examples include volunteer services, equipment use, and use of facilities. The cost of in-kind service can be counted as cost share in-lieu of actual funds (or revenue) provided by the Grantee. Other cost share and in-kind service eligibility conditions may apply. Provided below is guidance for documenting cost share with and without in-kind services.

1. Although tracked separately, in-kind services shall be documented and, to the extent feasible, supported by the same methods used by the Grantee for its own employees. Such documentation should include the following:
  - a. Detailed description of the contributed item(s) or service(s)
  - b. Purpose for which the contribution was made (tied to project work plan)
  - c. Name of contributing organization and date of contribution
  - d. Real or approximate value of contribution. Who valued the contribution and how was the value determined? (e.g., actual, appraisal, fair market value, etc.). Justification of rate. (See item #2, below)
  - e. Person's name and the function of the contributing person
  - f. Number of hours contributed
  - g. If multiple sources exist, these should be summarized on a table with summed charges
  - h. Source of contribution if it was provided by, obtained with, or supported by government funds
2. Rates for volunteer or in-kind services shall be consistent with those paid for similar work in the Grantee's organization. For example, volunteer service of clearing vegetation performed by an attorney shall be valued at a fair market value for this service, not the rate for professional legal services. In those instances in which the required skills are not found in the recipient organization, rates shall be consistent with those paid for similar work in the labor market. Paid fringe benefits that are reasonable, allowable and allocable may be included in the valuation.

3. Cost Share contribution (including in kind services) shall be for costs and services directly attributed to activities included in the Grant Agreement. These services, furnished by professional and technical personnel, consultants, and other skilled and unskilled labor may be counted as in-kind if the activities are an integral and necessary part of the project funded by the Grant Agreement.
4. Cash contributions made to a project shall be documented as revenue and in-kind services as expenditure. These costs should be tracked separately in the Grantee's accounting system.

**EXHIBIT I**  
**LOCAL PROJECT SPONSORS (NOT USED)**

**EXHIBIT J  
 PROJECT LOCATION**



**SHASTA VALLEY GROUNDWATER BASIN 1-004 AND PROPOSED  
 GROUNDWATER MONITORING ACTIVITIES AND LOCATIONS**



Map By: Ethan Brown, Shasta Valley RCD  
 Prepared for: Department of Water Resources, CA  
 November 13, 2017



## **EXHIBIT K**

### **MONITORING PLAN**

#### **Introduction**

- Goals and objectives of project
- Site location and history
- Improvements implemented

#### **Monitoring Plan**

- Monitoring Metrics (e.g., Plant establishment, bank erosion, hydraulic characteristics, habitat expansion)
- Maintenance Metrics (e.g., irrigation, pest management, weed abatement, continuous invasive species removal until natives established)
- Special Environmental Considerations (e.g., resource agency requirements, permit requirements, CEQA/NEPA mitigation measures)
- Performance Measures, or success/failure criteria monitoring results measured against (e.g., percent canopy cover after 1, 5, 10 years, water temperature decrease, site specific sediment scour or retention)
- Method of Reporting (e.g., paper reports, online databases, public meetings)
- Frequency of Duration Monitoring and Reporting (daily, weekly, monthly, yearly)
- Frequency and Duration of Maintenance Activities
- Responsible Party (i.e., who is who is responsible for monitoring and maintenance)
- Implementing responsibility (i.e., conducting monitoring and/or maintenance)
- Adaptive Management Strategies (i.e., what happens when routine monitoring or maintenance encounters a problem)

STATE OF CALIFORNIA  
THE RESOURCES AGENCY  
DEPARTMENT OF FISH AND GAME  
FISHERIES RESTORATION GRANT PROGRAM

Pursuant to Public Resources Code 6217.1, this Grant process disburses funds for restoration projects approved by the Director of the Department of Fish and Game. This Grant Award is subject to the following conditions.

1. This Grant is made to, hereinafter referred to as the "Grantee," by the Department of Fish and Game hereinafter referred to as the "Grantor."
2. The Grantee agrees to provide all labor, materials, tools, permits, and incidentals necessary to complete Shasta and Scott Rivers Salmonid Outmigrant Monitoring, in accordance with Exhibit A, which is attached and made a part of this Grant by this reference.
3. This Grant shall be effective from June 1, 2012 through March 31, 2016. The Grantee should be aware that time is of the essence and the Grantor expects work will be started during the first available field season, or as soon as practicable.
4. This Grant must commence work within one year of execution date of the grant or the State reserves the right to terminate this agreement.
5. This Grant shall not exceed \$589,475.00 including all taxes, licenses, and fees in accordance with the budget detail outlined in Exhibit B, which is attached and made a part of this Grant by this reference.

**GRANTOR – State of California**

**GRANTEE -**

Department of Fish and Game

Shasta Valley Resource Conservation District

Helen Carriker

Adriane Garayalde, District Administrator

Printed Name of Person Signing

Printed Name and Title of Person Signing

Authorized Signature

Authorized Signature

Deputy Director, Administration

215 Executive Court, Suite A

Title

Yreka, CA 96097

Address

Date

Date

Exempt From DGS  
Review / Approval  
Pursuant to  
SCM Section 4.06

6. Any change to the budget in Exhibit B must be formally amended.
7. The Grantor's Grant Manager is: Mark Pisano; 1625 South Main Street, Yreka 96097; phone 530-842-9322; fax 530-842-1162; mpisano@dfg.ca.gov. The Grant Manager may be changed at any time by Grantor providing a ten (10) day advance written notice to the Grantee.
8. The Grantee's Project Manager is: Adriane Garayalde; 215 Executive Ct. Suite A, Yreka 96097; 530-842-6121 ext. 106; fax 530-842-1027; garayalde@snowcrest.net. The Grantee's Project Manager may be changed at any time by the Grantee by providing a ten (10) day written notice to the Grantor.
9. Prevailing wages may be required to be paid on certain types of projects, typically Public Works projects. Existing law defines "public works," as, among other things, construction, alteration, demolition, installation, or repair work done under contract and paid for in whole or in part out of public funds.

California Fish and Game Code section 1501.5 exempts from the prevailing wage requirements, contracts with public agencies, nonprofit organizations, or Indian tribes that exceed \$50,000 in cost, excluding the cost of gravel. In addition, State Legislature passed Assembly Bill 2690, which amended Labor Code section 1720.4, to exclude most work performed by volunteers from the prevailing wage requirements.

Any questions of interpretation regarding the Labor Code should be directed to the Director of the Department of Industrial Relations, the State department having jurisdiction in these matters. You may also refer to the Department of Industrial Relations (DIR) website at <http://www.dir.ca.gov>.

10. No work can be performed until the Grantee has received:
  - A. An executed copy of this grant; and
  - B. A formal "Notice to Proceed".The notice should also include, when applicable to the project, written notification from the Grant Manager verifying that the project has been reviewed and approved pursuant to the California Environmental Quality Act.
11. This Grant does not constitute approval of the project or of any specific project features for purposes of compliance with any State or Federal environmental law, including but not limited to the California Environmental Quality Act. Independent review and recommendation will be provided by the Grantor as appropriate on those projects where local, State, or Federal permits or other environmental compliance is required.
12. It will be the responsibility of the Grantee to obtain all permits and make all arrangements necessary for its performance hereunder. Written permission must be obtained from landowner(s) for access to perform grant work.
13. No property will be purchased with funds provided by the Grantor under this grant without prior approval of the State. The Grantor does not have responsibility for loss or damage to rented *equipment* arising from causes beyond the control of the Grantor. The Grantor's

responsibility for repairs and liability for damage or loss is restricted to that made necessary by or resulting from the negligent act or omission of the Grantor or its officers, employees, or agents.

For the purpose of this Grant, "equipment" shall be defined as tangible property (including furniture) with a unit cost of \$5,000.00 or more and a useful life of one (1) year or more. Actual cost includes the purchase price plus all costs to acquire, install and prepare the equipment for its intended use. Any electronic equipment (such as computers, cameras, GPS units, etc.) regardless of cost, purchased with grant funds are the property of the State and must be returned to the State.

14. The Grant Manager may require the Grantee to submit progress reports as often as deemed necessary, but not more often than once a month. If the project is not completed in the current year, the Grantee will submit a summary of the completed portion no later than November 15th and again each year until completed.
15. Grant disbursements will be made to the Grantee in arrears, upon receipt by the Grant Manager of an original itemized invoice. In addition, a single copy of the invoice must be faxed or sent to the Grant Coordinator at: 530-225-2348, Department of Fish and Game, Attn: Jenny Morefield, 601 Locust Street, Redding, CA 96001. Invoices may not be submitted more frequently than monthly, in arrears. The Grant Coordinator may be changed at any time by the Grantor by providing a ten (10) day written notice to the Grantee. The invoice shall contain the following information:
  - a. The word "Invoice" should appear in a prominent location at the top of the page(s);
  - b. Printed name of the Grantee;
  - c. Business address of the Grantee including P.O. Box, City, State, and Zip Code;
  - d. Name of the Region/Division of the Department of Fish and Game being billed;
  - e. The date of the invoice and the time period covered; i.e., the term "from" and "to";
  - f. The number of the Grant upon which the claim is based;
  - g. The invoice must be itemized using the categories and following the format of the budget in Exhibit B. The amounts billed on the invoice must be tied to a specific element in the Statement of Work and the deliverable must be measurable.
  - h. The total amount due. This should be in a prominent location in the lower right-hand portion of the last page and clearly distinguished from other figures or computations appearing on the invoice. The total amount due shall include all costs incurred by the Grantee under the terms of this grant;
  - i. The original signature of the Grantee (not required of established firms or entities using preprinted letterhead invoices);
  - j. The Grantee must provide supporting documentation for the invoice and actual receipts upon request of the Grant Manager.
16. The Grantee agrees that all data, plans, drawings, specifications, reports, computer programs, operating manuals, notes and other written or graphic work produced in the performance of this Agreement, are subject to the rights of the State as set forth in this section. The State shall have the right to reproduce, publish, and use all such work, or any part thereof, in any manner and for any purposes whatsoever and to authorize others to do so.

17. Each invoice for payment must be accompanied by a written description, not to exceed two pages in length, of the Grantee's performance under this grant since the time the previous such report was prepared. The report shall describe the types of activities and specific accomplishments during the period for which the payment is being made rather than merely listing the number of hours worked during the reporting period. The final invoice must include a budget summary of cost share expenditures by fund source.
18. Any disputes concerning the project or the Grant shall be resolved by the Project Managers of the Grantor and Grantee. In the event the dispute cannot be resolved by the Project Managers, the dispute shall be referred to the Director of the Department of Fish and Game, whose decision will be final.
19. The Grantee shall maintain complete and accurate records of its actual project costs and shall retain said records throughout the term of the Grant and for a period of three (3) years after receipt of final payment. During such time, said records shall be made available to the State of California, or their designated representative, for audit purposes during normal business hours. Expenditures not documented, and expenditures not allowed under the Grant or otherwise authorized by the Grantor shall be borne by the Grantee. The audit shall be confined to those matters connected with the Grant, including but not limited to, the administration and overhead costs.
20. All subcontracts will be made in a manner to provide, to the maximum extent practicable, open and free competition. In order to ensure objective subcontract performance and eliminate unfair competitive advantage, subcontractors that develop or draft work requirements, statements of work, or requests for proposals shall be excluded from competing for such subcontracts.
21. If a subcontractor is used, then a written copy of the sub agreement must be submitted to the Grant Manager, prior to the commencement of work by the subcontractor. The subcontract must include specific language which establishes the rights of the auditors of the State to examine the records of the subcontractor relative to the services and materials provided under the grant.
22. The Grantee and any subcontractors shall permit the Grantor to review and inspect project activities at all reasonable times during the performance period of this Grant, including review and inspection on a daily basis.
23. The project specifications subject to this Grant may only be amended in writing by mutual agreement of the Grantor and Grantee. If any change in the terms and conditions become necessary, a written request shall be made to the Grant Manager no later than six months prior to term end.
24. The Grantor may terminate the Grant upon giving thirty (30) days written notice to the Grantee. In case of early termination, a final payment will be made to the Grantee upon receipt of an invoice covering costs incurred up to notice of termination, based on the portion of work completed.
25. A Grantee's name and address may be provided to the public if requested. Other personal information submitted on this grant may be released to governmental entities

involved with the funding of the project, for law enforcement purposes, pursuant to court order, or for official natural resources management purposes.

A Grantee may obtain a copy of his/her Grant file maintained by the Grantor by submitting a written request to the Department of Fish and Game, Fisheries Branch, Fisheries Restoration Grant Program, 830 "S" Street, Sacramento, CA 95811. All requests must include the requestor's name, address, and telephone number.

26. The Grantee shall comply with all applicable state laws, rules, regulations, and local ordinances specifically including but not limited to environmental, procurement and safety laws, rules, regulations, and ordinances. As may be necessary, the Grantee shall be responsible for obtaining the services of appropriately licensed professionals to comply with the applicable requirements of the Business and Professions Code including but not limited to section 6700 et seq. (Professional Engineers Act) and/or section 7800 et seq. (Geologists and Geophysicists Act).

If the Grantee fails to perform in accordance with the provisions of this Agreement, the Grantor retains the right, at its sole discretion, to delay, interrupt, or suspend the work for which the grant monies are supplied.

27. All subcontracts are subject to Executive Order 12549, "Debarment and Suspension" and Department of Commerce implementing regulations published at 15 CFR Part 26, Subparts A through E, "Governmentwide Debarment and Suspension (Nonprocurement)" and 15 CFR Part 29 "Governmentwide Requirements For Drug-Free Workplace". See the documents at the following addresses, respectively:  
[http://www.access.gpo.gov/nara/cfr/waisidx\\_04/15cfr26\\_04.html](http://www.access.gpo.gov/nara/cfr/waisidx_04/15cfr26_04.html) and  
[http://www.access.gpo.gov/nara/cfr/waisidx\\_04/15cfr29\\_04.html](http://www.access.gpo.gov/nara/cfr/waisidx_04/15cfr29_04.html).
28. All Grantees and subcontractors exceeding \$100,000 are subject to Section 1352, Title 31 of the U.S. Code and implemented at 15 CFR Part 28. See the web site at the following address: <http://www4.law.cornell.edu/uscode/31/1352.html>
29. Attached and made a part of this agreement by this reference is Exhibit E, DFG Federal Provisions.

**EXHIBIT A**  
**Shasta and Scott Rivers Salmonid Outmigrant Monitoring Project**  
**STATEMENT OF WORK**

Under direction of the California Department of Fish and Game (DFG), and under the following conditions and terms, the Shasta Valley Resource Conservation District (Grantee) will:

1. Determine the abundance and timing of juvenile salmonid emigration from the Shasta and Scott rivers, tributaries to the Klamath River in Siskiyou County. Combining this information with the adult salmonid counts from the Klamath River Project provides the components necessary for Life Cycle Monitoring of the status and trends of Chinook and coho salmon.
2. The Shasta River monitoring site is located at Township 46 North, Range 06 West, section 18 of the Hawkinsville 7.5 Minute United States Geological Survey (USGS) Quadrangle; 41.8301° north latitude, 122.5921° west longitude. The Scott River monitoring site is located at Township 45 North, Range 10 West, section 28 of the Scott Bar 7.5 Minute United States Geological Survey (USGS) Quadrangle; 41.7200° north latitude, 123.0081° west longitude as depicted in Exhibit A, Attachment 1, Project Location Maps, which are attached and made part of this agreement by this reference.
3. The Grantee will conduct outmigrant juvenile trapping to assess freshwater habitat quality both through estimators of freshwater survival and through outmigration characteristics (e.g., numbers of fish, fish size and timing) during the 2013, 2014 and 2015 seasons by completing the following tasks:
  - Estimate production for each age class of Chinook salmon, coho salmon and steelhead trout smolts from the Shasta and Scott rivers if sufficient are present in the catch. This task will be accomplished by using rotary screw traps to capture emigrating salmonids. Traps will be operated from February through July each year and operated 24 hours/day, 6 days a week, Sunday PM through Saturday AM. Traps will be checked daily or more frequently when flows are variable or debris (leaves, algae, sticks, etc.) is accumulating in liveboxes. Fish from the traps will be monitored continuously during handling to assess their health. In addition environmental parameters including: water and air temperature, weather, turbidity and river velocity will be recorded.
  - Determine emigration abundance and timing for juvenile salmonids;
  - Estimate rotary trap efficiencies for Chinook salmon, coho salmon and steelhead trout and produce production estimates;
  - Measure fork lengths and determine life stage from a sub-sample of the salmonids collected;
  - Collect scale samples from a sub-sample of the trapped steelhead for age analysis;
  - Collect tissue for genetic analysis;
  - Investigate the relationships between environmental conditions and emigration patterns of salmonids.

4. All reports and data are to be submitted to the Grantor's project manager, who will be responsible for forwarding the information to Department of Fish and Game Fisheries Branch. Reporting and data submittal shall not be considered final until approved and accepted by the grant manager. All data collected and created for this grant is a required deliverable of this grant and will become the property of the Department of Fish and Game, and not of the grantee. A condition of final payment on this grant shall include the delivery of all related data.
- a) **Quarterly progress reports** will be submitted to the Grant Manager by the end of the month following each calendar quarter. Monthly progress reports may be submitted in lieu of quarterly reports.
  - b) **Annual project reports** summarizing data and findings, together with relevant data sets will be submitted by October 31 following each study year.
  - c) **Final Project Report** - The Grantee shall submit the final project report by February 15, 2016, and deliver two (2) hard copies of the final written report and one (1) electronic, *Microsoft Word* compatible, on a CD. The final report shall not be considered final until approved and accepted by the grant manager.

The Final Report of the grant agreement will meet the following conditions, as described in the solicitation notice:

- Final manuscript suitable for publication in a scientific journal;
- Field sampling database, in Excel or Access;
- Data compilations and analytical products, in Excel or Access;
- Names of reports prepared, in the format: Author, date, title, name, source, source address;
- All data collected and created is a required deliverable and will become the property of the Department of Fish and Game, and not of the grantee. A condition of final payment shall include the delivery of all related data. Spatial data should be delivered in an ESRI-useable format where applicable and documented with metadata in accordance with minimum BIOS metadata standards (<http://bios.dfg.ca.gov/metadata.asp>) and FGDC metadata standards ([http://www.fgdc.gov/metadata/documents/workbook\\_0501\\_bmk.pdf](http://www.fgdc.gov/metadata/documents/workbook_0501_bmk.pdf)).

The report shall include, but not necessarily be limited to the following information:

- Grant number;
- Project name;
- Geographic area (e.g., watershed name);
- Location of work – show project location using U.S.G.S. 7.5 minute topographical map or appropriately scaled topographical map;
- Geospatial reference/location (lat/long is preferred – defined as point, line, or polygon);
- Project start and end dates;
- A complete final Budget including: Total of each fund source, by line item, expended to complete the project, breaking down Grant dollars, by line item, and any other funding, including type of match (cash or in-kind service);
- Total number of volunteer hours; dollar value of volunteer work; description of how the dollar value of the volunteer labor was determined; dollar value of non-

volunteer donated labor; and description and dollar value of non-labor in-kind contributions to the project.

- Expected benefits to anadromous salmonids from the project;
- Specific project access using public and private roads and trails, with landowner name and address;
- A copy of the complete QA/QC plan;
- Final manuscript suitable for publication in a scientific journal;
- Field sampling database, in Excel or Access;
- Data compilations and analytical products, in Excel or Access;
- Names of reports prepared, in the format: Author, date, title, name, source, source address.

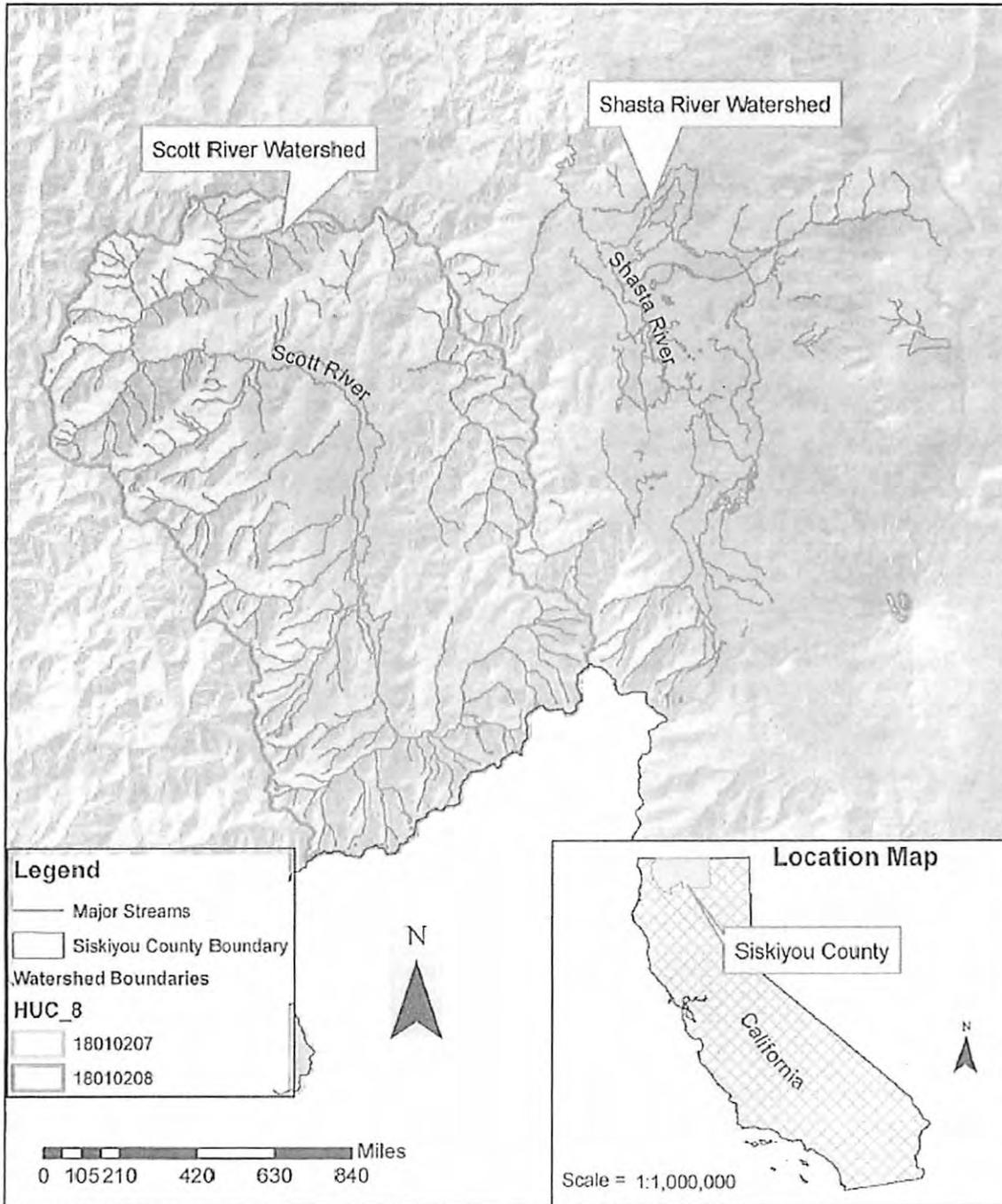
Report measurable metrics for the project by responding to the restoration project metrics listed in Appendix A, Attachment 2.

5. The Grantee will acknowledge the participation of the Department of Fish and Game, Fisheries Restoration Grant Program and National Oceanic and Atmospheric Administration Fisheries funds on any signs, flyers, or other types of written communication or notice to advertise or explain the project.

Exhibit A, Attachment 1, Project Maps



# Scott and Shasta Salmonid Outmigrant Monitoring

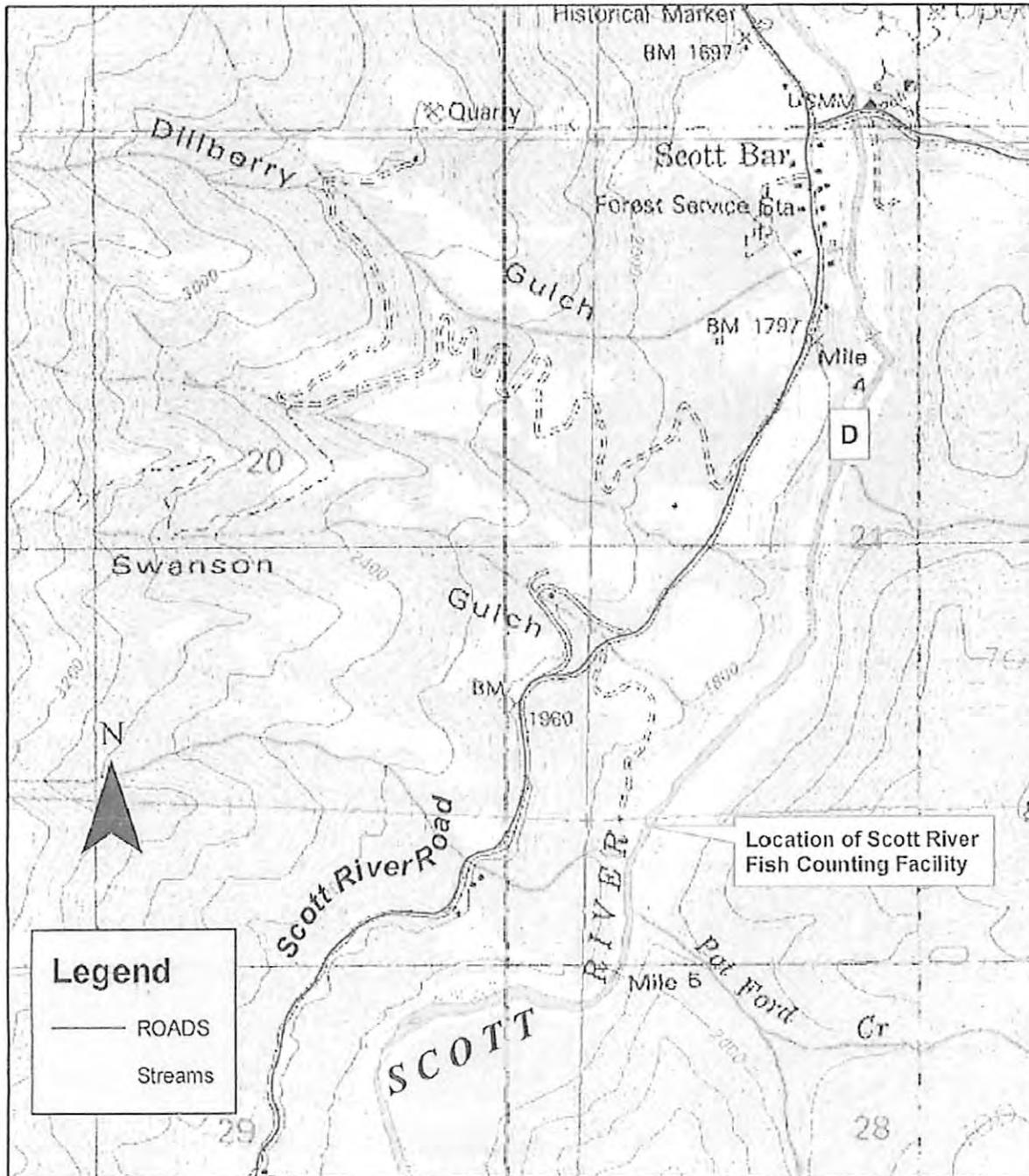


svrcd/ap  
3/11



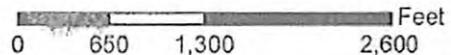
# Scott and Shasta Salmonid Outmigrant Monitoring

Siskiyou County



Project site is located off Scott River Road near the town of Scott Bar in Section 21, Township 45N, Range 10W, MDM; Scott Bar Quadrangle.

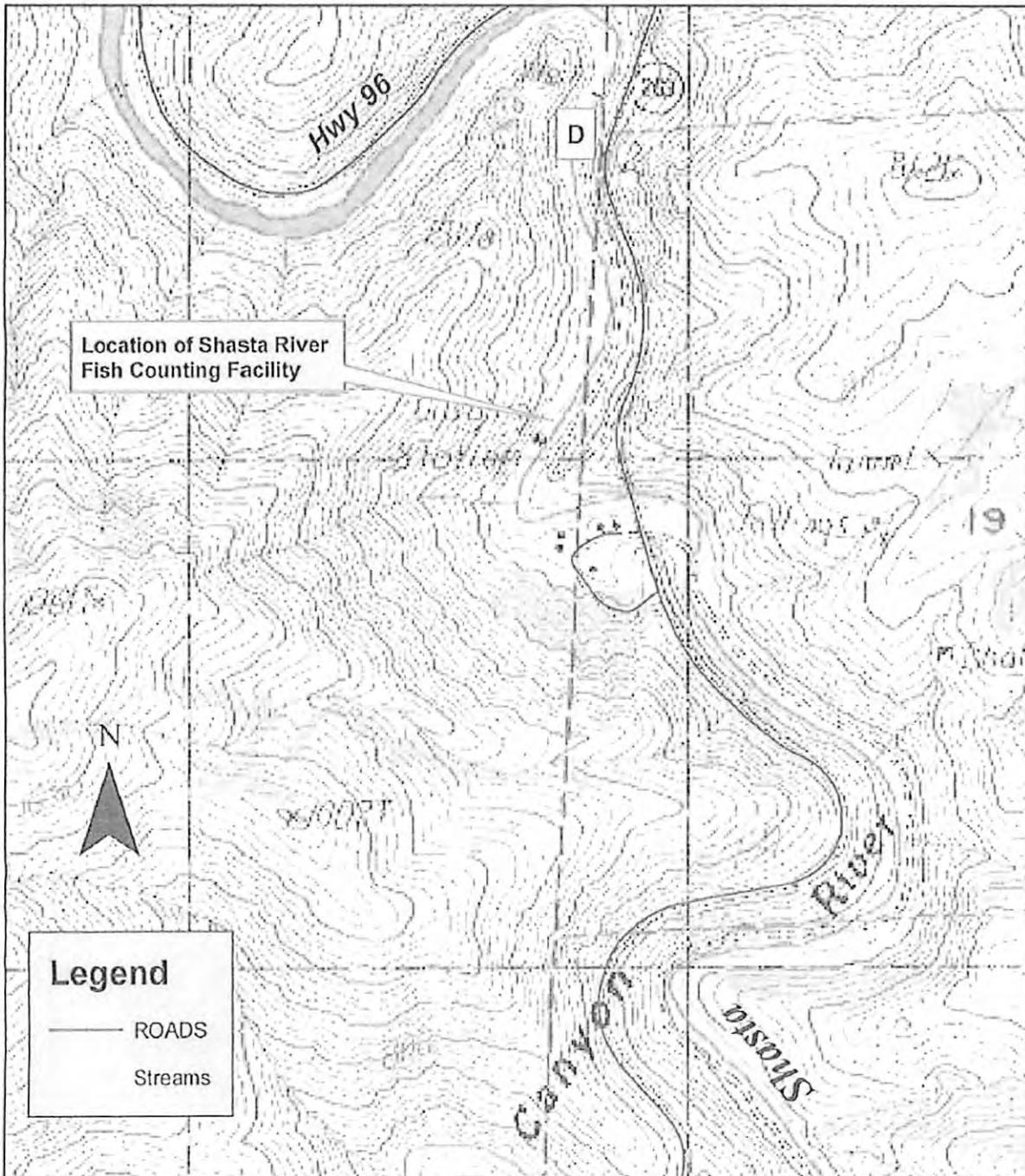
Topographic Image Base Map  
svrcd/ap  
3/2011





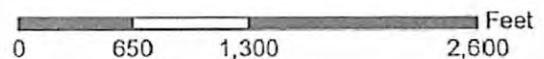
# Scott and Shasta Salmonid Outmigrant Monitoring

Siskiyou County



Project site is located near the intersection of Hwy 96 and Hwy 263  
in Section 24, Township 46N, Range 7W, MDM; Hawkinsville Quadrangle

Topographic Image Base Map  
svrca/ap  
3/2011



Appendix A, Attachment 2  
Final Report Template for MD project types:

Project Title: \_\_\_\_\_

FRGP Grant Number: \_\_\_\_\_

Grantee Name and Contact Information:

\_\_\_\_\_

Author Information: \_\_\_\_\_

Overview of project:

*In this section please give a description of the project. What monitoring work was done, where, and during what time frame? Include the term dates of the entire grant.*

Final Budget:

*In this section include a complete final Budget including: Total of each fund source, by line item, expended to complete the project, breaking down Grant dollars, by line item, and any other funding, including type of match (cash or in-kind service). This should be in the same format as is outlined in the PSN.*

Location Map:

*Provide a topographic watershed level map with monitoring areas labeled. Instructions for breaking down the sites are on page 49 of the PSN. **Aerial photos do not satisfy this requirement.***

Final Manuscript:

*In this section provide the Final Manuscript written as a result of the project. This manuscript should be suitable for publication in a scientific journal. This section can be provided as an attachment.*

Final Sampling Database:

*In this section provide the database used for this monitoring project, this data should be provided in Access or Excel format. This section can be provided as an attachment.*

Data Compilations:

*In this section provide any data compilations or analytical products either in Access or Excel format. This section can be provided as an attachment.*

Other publications:

*In this section provide the names of any reports prepared as a result of this project in the following format:*

*Author, data, title, source name, source address*

Performance Measures:

*In this section fill out the table of required performance measures, based on each site. If metric is not applicable to work done at a given site, mark the metric "N/A." (Copy and paste the list of metrics below for each site). If you have questions about your sites, please contact DFG Grant Manager for a list of sites as they are broken down by FRGP.*

*Site ID or Site Name (please include this information for each site):*

- Miles of stream monitored;
- Acres of habitat monitored;
- Type of monitoring conducted, select from: adult salmonid population monitoring, salmonid smolt or fry production monitoring, biological monitoring (other than salmon), redd counts, carcass counts, harvest monitoring, water quality monitoring, water quantity (flow) monitoring, ocean condition monitoring, habitat condition monitoring, test fishery, intensively monitored watershed, post-project implementation or design compliance monitoring, restoration effectiveness monitoring, or restoration validation monitoring;
- Describe the research or management question the field work is designed to answer;
- Describe the comprehensive monitoring strategy/program of which the project is a part, if applicable;
- Describe the component of the comprehensive monitoring strategy that the project addresses;
- Number of organizations cooperating with the project as part of a comprehensive monitoring strategy;
- Name(s) of organizations cooperating with the project as part of a comprehensive monitoring strategy;
- Number of reports prepared on key management or restoration data, information and needs;
- Names of reports prepared, in the format author, date, title, name, source, source address.

Photos:

*If photos are provided the applicant must include all the information in the following table for each photograph uploaded. When selecting photographic subjects, consideration should be given to the usefulness of the picture for proposal review and subsequent implementation and effectiveness monitoring purposes. Photographs should contain a scale element such as a vehicle or person, and if possible include fixed landscape features, which help orient the location of the subject in the project site. Note that the table is an example of three photos. (You can have all of your photos on one page, numbered, and then reference them all in one table.)*

FileName	Date	Subject/Site Name	Description	Standing	Facing
photo_1.jpg	5/1/2010	stream crossing	east approach	mid road 100 feet east of stream crossing	west
photo_2.jpg	5/1/2010	culvert inlet	projecting barrel	road shoulder on north side	nw
photo_3.jpg	4/25/2009	culvert outlet	4 foot drop into channel	mid-channel 50 feet downstream of culvert outlet	upstream

**EXHIBIT B**  
**Shasta and Scott Rivers Salmonid Outmigrant Monitoring**  
**BUDGET**

The Grantor will provide an amount not to exceed \$589,475 as shown below in this Budget. The Grantee or their partners will provide up to \$231,830 in funds or in-kind services as cost share to complete tasks described in paragraphs 1 – 5 of Exhibit A, Statement of Work, and in Table below. Accurate records of in-kind funds or services will be provided to the Grantor with the final invoice.

**PERSONAL SERVICES**

<b>Level of Staff</b>	<b>Number of Hours</b>	<b>Hourly Rate</b>	<b>Totals</b>
Fisheries Technician	23,694	\$16.00	\$379,104
Benefits @ 14%			\$53,075
Project Management	180	\$32.00	\$5,760
Benefits @ 37%			\$2,131
<b>Total Personal Services</b>			<b>\$440,070</b>

**OPERATING EXPENSES**

	<b># of Units</b>	<b>Cost/unit</b>	
Consumable Trapping Supplies (Aerators, batteries, fish anesthetics, etc.)			\$12,804
Toilets Rental	15 months	\$320	\$4,800
Rotary Trap Repairs (Misc. parts, welding supplies, etc.)			\$4,500
Safety Gear (Life jackets, rain gear, gloves, etc.)			\$6,000
Safety Training (Swift water rescue, CPR, first aid, etc.)			\$10,500
<b>Total Operating Expenses</b>			<b>\$38,604</b>

**EQUIPMENT**

8' Rotary Trap	1 each	\$22,000	\$22,000
5' Rotary Trap	1 each	\$17,000	\$17,000
<b>Subtotal</b>			<b>\$39,000</b>

**ADMINISTRATIVE OVERHEAD**

\$478,674.00 @ 15% (Less Equipment)			\$71,801
<b>Grand Total</b>			<b>\$589,475</b>

Table of Funding Sources and Cost Share

<b>SOURCE OF FUNDS</b>	<b>CASH</b>	<b>IN-KIND (If Applicable)</b>	<b>TOTAL</b>
<b>Fisheries Restoration Grant Program</b>	\$589,475	\$	\$589,475
<b>Other State Agency(ies) (List by name)</b> Department of Fish and Game	\$	\$231,830	\$231,830
<b>Federal (List by name)</b>	\$	\$	\$
<b>Applicant (Indicate if Federal)</b>	\$	\$	\$
<b>Other(s) including partners (if applicable, state name)</b>	\$	\$	\$
<b>Total Project Cost</b>	\$589,475	\$231,830	\$821,305

Note: Any changes or modifications to a fund source indicated above must be promptly reported to the Grant Manager. Projects with undisclosed fund sources may be subject to an audit.

Please describe any other matching requirements for other project funding, and how the cost share dollars are being used to meet these requirements.

DEPARTMENT OF FISH AND GAME		EXHIBIT	E
<b>FEDERAL PROVISIONS (FEDERAL FUNDS)</b>			
1.	<p><b>UTILIZATION OF SMALL, MINORITY AND WOMEN'S BUSINESSES:</b> The Contractor agrees that affirmative steps will be taken to assure that qualified small, minority and women-owned businesses are used when possible as sources of supplies, construction, and services in the performance of grant-assisted Agreements and subcontracts. Affirmative steps taken shall include the following:</p>		
	a.	Include qualified small, minority and women-owned businesses on solicitation lists;	
	b.	Assuring that small, minority and women-owned businesses are solicited whenever they are potential sources;	
	c.	Dividing total requirements, when economically feasible, into smaller tasks or quantities to permit maximum participation of small, minority and women-owned businesses;	
	d.	Establishing delivery schedules, where the requirements of the work permit, which will encourage participation by small, minority and women-owned businesses;	
	e.	Using the services and assistance of the Small Business Administration, the Minority business Development Agency of the U.S. Department of Commerce, and the State Office of Small Business and Disabled Veteran Business Enterprise Certification; and	
	f.	If the Contractor awards subcontracts, requiring the subcontractor to take the affirmative steps in paragraphs A through E of this section.	
2.	<p><b>DISCLOSURE REQUIREMENTS:</b> Any document or written report prepared in whole or in part pursuant to this Agreement shall contain a disclosure statement indicating that the document or written report was prepared through Agreement with the State. The disclosure statement shall include the Agreement number and dollar amount of all Agreements and subcontracts relating to the preparation of such documents or written reports. The disclosure statement shall be contained in a separate section of the document or written report.</p>		
3.	<p><b>PRIVITY:</b> This Agreement is funded in whole or in part by a grant from the Federal Government. Neither the United States nor any of its departments, agencies, or employees are, or will be, a part to this Agreement or any lower tier subcontract or to any solicitation or request for proposal.</p>		
4.	<p><b>COMPLIANCE WITH FEDERAL REGULATIONS:</b> The Contractor understands that the State is obligated, in accordance with its assistance Agreement with the Federal Government, to comply with the provisions of federal regulations contained in Title 48 Code of Federal Regulations (CFR) Part 31 and any conditions in the grant Agreement and any amendments thereto. In order to ensure that the State can meet these obligations, the Contractor warrants, represents, and agrees that it and its subcontractors, employees, and representatives will comply with: 1) all applicable provisions of Title 48 CFR Part 31; and 2) all general and special conditions contained in the Agreement.</p>		
5.	<p><b>COPYRIGHTS:</b> The Contractor agrees to and does hereby grant to the Federal Government, a royalty-free nonexclusive and irrevocable license to reproduce, publish, or otherwise use, and to authorize others to use, for Federal Government purposes:</p>		
	a.	The copyright in any work developed under this Agreement; and	
	b.	Any rights of copyright which the Contractor purchases, in whole or in part, with funds provided by this	

	Agreement.
6.	<b>STANDARDS FOR FINANCIAL MANAGEMENT SYSTEM:</b> The Contractor and all subcontractors shall maintain fiscal control and accounting procedures which are sufficient to:
a.	Permit preparation of reports required by Title 48 CFR Part 31 (including those required by Title 48 CFR part 31.40 and 31.41) and statutes authorizing the grant.
b.	Permit tracing of funds to a level of expenditures adequate to establish that such funds have not been used in violation of the restrictions and prohibitions of applicable statutes.  A requirement to this effect shall be placed in all subcontracts related to performance of work under this Agreement.
7.	<b>APPLICABLE COST PRINCIPLES:</b> The cost principles for this Agreement are applicable as set forth below (Office of Management and Budget (OMB):
	➤ OMB Circular 21 – Education Institutions; or
	➤ OMB Circular A-87 – State, Local or Indian Tribe Governments; or
	➤ OMB Circular A-122 – Cost Principals for Non-Profit Organizations; or
	➤ OMB Circular A-133 – Audits of States, Local Governments and Non-Profit Organizations; or
	➤ Title 48 CFR Part 31 – For-Profit Organizations
	Funds provided under this Agreement shall not be used for payment of salaries to individual consultants retained by the Contractor or any subcontractors in excess of the rate for Level 4, of the Federal Executive Schedule. The limit expressed herein does not include transportation and subsistence costs for necessary travel for work required under this Agreement.
8.	<b>CONTINGENT FUNDING:</b> It is mutually understood between the parties that this Agreement may have been written before ascertaining the availability of congressional appropriation of funds for the mutual benefit of both parties in order to avoid program and fiscal delays which would occur if the Agreement were executed after that determination was made.  This Agreement is valid and enforceable only if sufficient funds are made available to the State by the US Government for the fiscal year(s) covered by this Agreement for the purposes of this program. In addition, this Agreement is subject to any additional restrictions, limitations, or conditions enacted by the Congress of any statute enacted by the Congress which may affect the provisions, terms or funding of this Agreement in any manner.  It is mutually agreed that if the Congress does not appropriate sufficient funds for the Agreement, the State has the option to terminate the Agreement under the termination clause or to amend the Agreement to reflect any reduction of funds.  The DFG has the option to invalidate the contract under the 30-day cancellation clause or to amend the Agreement to reflect any reduction in funds.
9.	<b>ENVIRONMENTAL QUALITY (FOR AGREEMENTS IN EXCESS OF \$100,000):</b> The Contractor and subcontractors shall comply with all applicable standards, orders, or requirements issued under Section 306 of the Clean Air Act, Title 42 U.S.C. 1857(h), Section 508 of the Clean Air Act, Title 33 U.S.C. 1368 Executive Order 11738 and, Title 40 CFR part 15.  The Contractor shall comply with mandatory standards and policies related to energy efficiency which are contained in the State Energy Conservation Plan issued in compliance with the Conservation Act (Publ. L. 94-163).
10.	<b>RECYCLED PAPER:</b> The Contractor agrees to use recycled paper for all reports which are prepared as a part of

	<p>this Agreement and delivered to the State. This requirement does not apply to reports which are prepared on form supplied by the Federal Government. This requirement applies even when the cost of recycled paper is higher than that of virgin paper.</p>
11.	<p><b>SINGLE AUDIT ACT:</b> To the extent applicable, the Contractor shall be subject to and shall comply with the provisions and requirements of the Single Audit Act of 1984 (Pub. L 98-502) and implementing policies, procedures and guidelines, including applicable circulars issued by the Federal OMB.</p>
12.	<p><b>FEDERAL ASSURANCES:</b> It is further agreed that by signing this Agreement, the contractor is subject to Title VI of the Civil Rights Act of 1964, Section 504 of the Rehabilitation Act of 1973, Title II of the Americans with Disabilities Act of 1990, the Age Discrimination Act of 1975, Title IX of the Education Amendments of 1972, and offers all persons the opportunity to participate in programs or activities regardless of race, color, national origin, age, sex, or disability. Further, it is agreed that no individual will be turned away from or otherwise denied access to or benefit from any program or activity that is directly associated with a program of the DFG on the basis of race, color, national origin, age, sex (in education activities) or disability.</p>
13	<p><b>USE OF SUBCONTRACTORS:</b> If the Contractor desires to accomplish part of the services through the use of one (1) or more subcontractors, the following conditions must be met:</p>
	<p>a. The Contractor shall submit any subcontracts to the State for approval prior to the execution of this Agreement;</p>
	<p>b. The Agreement between the primary Contractor and the subcontractor must be in writing;</p>
	<p>c. The subcontractor must include specific language which establishes the rights of the auditors of the State to examine the records of the subcontractor relative to the services and materials provided under this Agreement; and</p>
	<p>d. Upon termination of any subcontract, the State shall be notified immediately in writing, by the primary Contractor.</p> <p>Further, any subcontract entered into as a result of this Agreement shall contain all applicable provisions stipulated in this Agreement.</p>
14	<p><b>COMPLIANCE WITH FEDERAL FUNDING ACCOUNTABILITY AND TRANSPARENCY ACT 2006 (FFATA):</b> As a recipient of a federal contract, grant or other federal funds, the State is required under the Federal Funding Accountability and Transparency Act of 2006 (FFATA) to report certain information about the State's contractors, grantees and sub-recipients of that federal funding. The Contractor, as a sub-recipient of federal funds, agrees to provide the State with data required under the FFATA unless exempted under that act. Contractor shall complete a Contractor's FFATA Certification form (State form) and submit it as instructed, on or before execution of the agreement. If not exempt the Contractor shall create a registration, or update its data if already registered, on the federal Central Contractor Registration (CCR) at <a href="http://www.bpn.gov/ccr">www.bpn.gov/ccr</a>. A DUNS number is required for the CCR registration and must be included on the FFATA Certification form. Contractor agrees to update its CCR registration and notify the State if there is a material change to its CCR data or its exemption status changes</p>

**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)

<b>1</b>	<p><b>INSTRUCTIONS:</b> 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 <b>fully completed</b> 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><b>NOTE:</b> Governmental entities, i.e. federal, state, and local (including school districts), are not required to submit this form.</p>					
<b>2</b>	<p><b>BUSINESS NAME</b> <small>(As shown on your income tax return)</small> Shasta Valley Resource Conservation District</p>					
	<p><b>SOLE PROPRIETOR, SINGLE MEMBER LLC, INDIVIDUAL</b> <small>(Name as shown on SSN or ITIN) Last, First, MI</small></p>				<p><b>E-MAIL ADDRESS</b> estanton@svr.cd.org</p>	
	<p><b>MAILING ADDRESS</b> 215 Executive Court, Suite A</p>			<p><b>BUSINESS ADDRESS</b> 215 Executive Court, Suite A</p>		
	<p><b>CITY</b> Yreka</p>	<p><b>STATE</b> CA</p>	<p><b>ZIP CODE</b> 96097</p>	<p><b>CITY</b> Yreka</p>	<p><b>STATE</b></p>	<p><b>ZIP CODE</b> 96097</p>
<b>3</b>	<p><b>ENTER FEDERAL EMPLOYER IDENTIFICATION NUMBER (FEIN):</b> <span style="border: 1px solid black; padding: 2px;">9</span> <span style="border: 1px solid black; padding: 2px;">4</span> <span style="border: 1px solid black; padding: 2px;">2</span> <span style="border: 1px solid black; padding: 2px;">8</span> <span style="border: 1px solid black; padding: 2px;">9</span> <span style="border: 1px solid black; padding: 2px;">6</span> <span style="border: 1px solid black; padding: 2px;">8</span> <span style="border: 1px solid black; padding: 2px;">4</span> <span style="border: 1px solid black; padding: 2px;">6</span></p>					
<p><b>PAYEE ENTITY TYPE</b></p> <p><b>CHECK ONE BOX ONLY</b></p>	<p><input type="checkbox"/> <b>PARTNERSHIP</b></p> <p><input type="checkbox"/> <b>ESTATE OR TRUST</b></p>				<p><b>CORPORATION:</b></p> <p><input type="radio"/> <b>MEDICAL</b> <small>(e.g., dentistry, psychotherapy, chiropractic, etc.)</small></p> <p><input type="radio"/> <b>LEGAL</b> <small>(e.g., attorney services)</small></p> <p><input type="radio"/> <b>EXEMPT</b> <small>(nonprofit)</small></p> <p><input checked="" type="radio"/> <b>ALL OTHERS</b></p>	
	<p><input type="checkbox"/> <b>SOLE PROPRIETOR, INDIVIDUAL, OR SINGLE MEMBER LLC</b> <small>(Disregarded Entity)</small></p>			<p><b>ENTER SSN OR ITIN:</b> <span style="border: 1px solid black; padding: 2px;"> </span> <span style="border: 1px solid black; padding: 2px;"> </span></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>		
<b>4</b>	<p><b>PAYEE RESIDENCY STATUS</b></p> <p><input checked="" type="checkbox"/> <b>CALIFORNIA RESIDENT</b> - Qualified to do business in California or maintains a permanent place of business in California.</p> <p><input type="checkbox"/> <b>CALIFORNIA NON RESIDENT</b> <small>(see next page for more information)</small> - 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>					
<b>5</b>	<p><b>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.</b></p>					
	<p><b>AUTHORIZED PAYEE REPRESENTATIVE'S NAME</b> <small>(Type or Print)</small> Edward J. Stanton</p>			<p><b>TITLE</b> District Administrator</p>		<p><b>TELEPHONE</b> <small>(include area code)</small> 530.572.3120</p>
	<p><b>SIGNATURE</b> </p>			<p><b>DATE</b> 2/15/2019</p>		<p><b>E-MAIL ADDRESS</b> estanton@svr.cd.org</p>
<b>6</b>	<p><b>Please return completed form to:</b></p>					
	<p><b>DEPARTMENT/OFFICE</b></p>			<p><b>UNIT/SECTION</b></p>		
	<p><b>MAILING ADDRESS</b></p>			<p><b>TELEPHONE</b> <small>(include area code)</small></p>		<p><b>FAX</b></p>
	<p><b>CITY</b></p>	<p><b>STATE</b></p>	<p><b>ZIP CODE</b></p>	<p><b>E-MAIL ADDRESS</b></p>		