

Central Modoc Resource Conservation District

DEPARTMENT OF CONSERVATION WATERSHED COORDINATOR FINAL REPORT 2004 - 2007

State Senate
District 1
State Assembly
District 2

ACCOMPLISHMENTS

Designed 27 restoration projects

Organized educational tours of restoration sites for partners and stakeholders

Established 13 water quality monitoring stations

Managed and monitored 9 existing restoration sites

Held 3 annual "Day in the District" watershed tours

Taught classes to children for "adopt-a-watershed" project

Demonstrated innovative water-jet stinger technique for planting willow

Developed an educational curriculum for the River Center

PARTNERS

- Natural Resource Conservation Service
- Ducks Unlimited
- Fish and Wildlife Service
- Department of Fish and Game
- State Water Boards
- Wildlife Conservation Board
- National Fish and Wildlife Foundation
- Modoc County
- North Eastern California Water Association
- Farm Bureau
- US Forest Service
- Bureau of Land Management
- North Cal-Neva RC&D
- Modoc High School
- Modoc School District
- Modoc National Wildlife Refuge
- CALFIRE
- and many more



952%
Matched
Funding

Grant Award: \$196,330

Funds raised:

Federal	256,495
State	1,511,580
Local	14,000
Private	86,703
Total	1,868,778

Working with Private Lands for Watershed Health

In addition to implementing on the ground restoration projects, The Upper Pit River Watershed Coordinator worked to solve local watershed issues by informing and engaging the watershed community. By making community members aware of their impact and teaching them simple things they can do to improve the health of their watershed, the Watershed Coordinator improved the overall health of our waterways. The Watershed Coordinator engaged his community around natural resources by contributing to the Pit River watershed assessment and management planning process; continuing watershed monitoring; implementing demonstration projects; coordinating with watershed partners and stakeholders and ensuring that all stakeholders are aware of and informed about watershed concepts and issues; and ensuring continued implementation of the Central Modoc Resource Conservation District / Upper Pitt River Watershed Enhancement and Protection Project Vision and Goals.

Restoration

The Watershed Coordinator restored habitat and maintained previous restoration projects throughout the watershed. He managed, monitored and maintained 9 restoration projects installed by the RCD prior to the Watershed Coordinator funding. He also designed 27 projects for installation during or immediately following the grant period. Education programs were established to use the restoration sites to increase community understanding of watershed health and to get volunteers involved in hands-on watershed restoration.

Working with Private Landowners toward Better Management

Helping landowners better understand and manage their properties leads to greater watershed salience. The Watershed Coordinator worked one-on-one with landowners to develop restoration projects and monitor water quality. He established 13 monitoring stations on 10 sites that were overseen by the property owner. This gave the property owner a better sense of their impact on water quality allowing them to make better decisions.

Upper Pit Watershed Assessment

Watershed assessments provide clear scientific data to guide management decisions. By examining the entire watershed, major issues can be identified and solutions can be prioritized for efficient implementation. The Upper Pit Watershed Coordinator contributed to the Watershed Assessment by providing coordination, maps, photos, and other scientific documents. The watershed group is now in a position to write a management plan in order to provide scientifically informed management for this critical watershed. With the guidance of the Watershed Assessment, habitat restoration will be more effective and efficient.

Contact Info:

804 W 12th St.
Alturas, CA 96101
(530) 233-8872
www.cmrcd.org

101%
Matched
Funding

Grant Award: \$311,591

Funds raised:

Federal	47,080
State	145,000
Local	109,327
Private	13,299
Total	314,706



Erosion and Public Education for Water Quality

The Upper Mokelumne River Watershed Coordinator provided a platform for coordination, partnership, collaboration, and local economic development in a consensus building fashion. This was accomplished by establishing a watershed council directed by volunteers, landowners, representatives from local water agencies, non profits, and local and State government agencies. Benefits to the watershed as related to CALFED goals included an opportunity for improved collaboration, increased coordination, the development of water quality monitoring programs, and improving watershed planning and management. The Watershed Coordinator accomplished this by encouraging the watershed council to become a voice for the watershed in the community through education and media efforts; formation of the volunteer water monitors; participation in watershed events and forums; water monitoring; watershed signs; and educational fliers. Through The Watershed Coordinator's efforts, the community is on the path to realize the importance of protecting the watershed and the purity of the water in and around the river by protecting watershed habitat.

Educating the Public

The Watershed Coordinator has been engaging community members through media outlets and public avenues. The council posted watershed signs along the major road ways, created a 16 page newspaper insert for 2 newspapers, developed an insert for the local telephone bill reaching over 12,000 residents and businesses, and printed 5,000 decals for residents and local business to show their support for the protection of the watershed. With

these types of efforts the public is becoming more aware of their watershed.

Erosion and Sediment Control

Providing information on preventing sediment and erosion can greatly reduce the contaminants found in our waterways. The Watershed Coordinator worked with the County Public Works Department to host erosion and sediment control workshops for local contractors. To reach contractors and small business owners not in attendance, the Watershed Coordinator made erosion sediment control field manuals available at two county libraries.

Outreach and Education Accomplishments

Watershed education activities were funded for all K-12 classrooms in Amador County. The Watershed guide, "Circles and Cycles," was developed and presented with accompanying watershed tours to introduce youth to watershed and water conservation and awareness. Watershed Poster Competition was conducted in all fifth grade Amador and Calaveras classrooms. Thirty-one Amador and Calaveras County schools benefited from this outreach and education activity and additional schools in Alpine and San Joaquin Counties outside of the immediate watershed but also benefiting the San Joaquin Basin and CALFED. These activities have been implemented for three consecutive years.

Contact Info:

235 New York Ranch Road, Suite D
Jackson, CA 95642
(209) 257-1851
www.csrcnd.org

ACCOMPLISHMENTS

Developed 27 restoration projects with local landowners and multiple agencies

Established a Citizen's Water Quality Monitoring Program to collect 3 years of Water Quality Data

Secured funding for a Water Feasibility Analysis

Hosted erosion and sediment control trainings for contractors

Created a 16-page educational insert for 2 newspapers

Restored and monitored a site burned by the Power Fire

Created an *E. coli* bacteria identification monitoring program

Took part in creating a Voluntary Oak Management Plan

PARTNERS

- Central Sierra Resource Conservation & Development, Inc.
- USDA—Natural Resource Conservation Service
- Stewardship Through Education, LLC
- Upper Mokelumne River Watershed Authority
- Calaveras Co. Water District
- Amador Water Agency
- Pacific Gas & Electric
- El Dorado National Forest
- CALTRANS
- Environmental Defense
- Amador Water Agency
- Calaveras County
- Sierra Pacific Industries
- Sierra Nevada Alliance
- City of Sutter City
- Mokelumne River Pact

Chowchilla-Red Top Resource Conservation District

DEPARTMENT OF CONSERVATION WATERSHED COORDINATOR FINAL REPORT 2004 - 2007

State Senate
District 14
State Assembly
District 25

ACCOMPLISHMENTS

Mapped invasive species in the watershed for eradication

Creek Stewardship Days featuring education and family activities

Petitioned for *Arundo Ailanthus altissima* declared as rated pest species by CDEA

Dairy workshops for 72 people to discuss BMP's on dairies

Held an Irrigation Water efficiency workshop for local agriculturists on irrigation water management practices

Created a long-term plan for watershed conservation and restoration

PARTNERS

- Central Sierra Watershed
- NRCS
- Madera County RMA
- Yosemite/ Sequoia RC&D
- San Joaquin Valley RC&D
- Oakhurst River Parkway Committee
- Coarsegold RCD
- Eastern Madera County Fire Safe Councils
- Sierra/ San Joaquin Noxious Weed Alliance
- East Merced RCD
- Mariposa RCD
- Sierra RCD
- Upper Merced River Watershed Council
- City of Chowchilla
- Chowchilla Water District
- Team Arundo Del Norte
- Sierra Nevada Alliance
- Millerton Watershed Coalition
- Mariposa School District
- Western United Dairymen
- UC Cooperative Extension
- Air Pollution Control District
- RWQCB 5 and many more



265% Matched Funding

Grant Award: \$176,430

Funds raised:	
Federal	25,000
State	441,923
Local	1,130
Private	0
Total	468,053

Education for All Ages

For Over 50 years the Chowchilla Red Top Resource Conservation District (RCD) has been involved in conservation projects. In extending their area to the Watershed model (for the DOC Watershed Coordinator Grant) they have extended into 2.2 million acres of the Upper Chowchilla/ Upper Fresno and the Lower Chowchilla/ Middle San Joaquin Watersheds to accomplish even more. The goals of this project were the coordination of stakeholders working together through community involvement; public education regarding watershed issues; the implementation of recent watershed planning efforts; securing grants to achieve goals of improving water quality and quantity; and providing expertise, advice, educational information and Best Management Practices (BMPs) to landowners, government agencies and the general public. The goal is to continue to strive for a comprehensive watershed approach to improve on the fragmented approach that has been used in this area in the past."

Helping Agriculturists Reduce their Impact

Dairy farmers have recently come under increased regulations by the state and federal government to decrease levels of pollution. Yet little has been done to assist dairy farmers in implementing better practices. The Watershed Coordinator saw a need to improve local knowledge of environmentally friendly practices and decided to educate local agriculturists. Seventy Two dairy farmers attended two workshops that provided hands on technical information as well as inspiring farmers as to why they should care about the impact

they are having. By addressing large-scale issues in a personal, informative way, the Watershed Coordinator had a large impact in her community.

Promoting Creek Stewardship Day

The Watershed Coordinator organized the first, second and third annual Oakhurst River Parkway Committee Creek Stewardship Days. Over 25 community groups and hundreds of people spent their Saturday learning about the watershed, cleaning up trash, planting native plants, and participating in family activities. The parkway is a lot healthier thanks to the hard work of the Watershed Coordinator and local community members. In addition, community members have a greater ownership of their watershed and a sense of community pride in accomplishing important work.

Education, Education, Education

Great educational programming starts with great educational materials. The Watershed Coordinator worked to inform her community by providing them with up-to-date information in user-friendly publications. The Watershed Coordinator produced 14 brochures ranging from maps and visitor information for the Oakhurst River Parkway to a property owners guide to managing their land. Water use, efficiency quizzes, and kids activities further engaged community members around the issues of resource use and conservation.

Contact Info:

11791 Avenue 22,
Chowchilla, CA 93610
(559) 665-3502
www.cfwatershed.org

1065%
Matched
Funding

Grant Award: \$165,977

Funds raised:

Federal	60,000
State	501,500
Local	311,000
Private	894,952
Total	1,767,452



ACCOMPLISHMENTS

Worked with local landowners to create 81 Conservation plans with 20 more in development

Published an Arroyo Grande Creek Erosion, Sedimentation and Flooding Alternatives Study

Adopted a Creek Protection Ordinance requiring a 35- foot Creek setback for development

Removed the Pismo Creek Fish Passage Barrier allowing endangered species access to historic spawning grounds

Held 48 watershed tours to educate the community about the issues facing the watershed

Conversion of conventional irrigation to micro-irrigation systems on 400 acres of farmland reducing water consumption

PARTNERS

- NRCS
- Morro Bay National Estuary Program
- State Water Resources Control Board
- The Coastal Conservancy
- San Luis Obispo County
- City of Arroyo Grande
- California State Parks
- The Dunes Center
- The Land Conservancy
- San Luis Obispo County Community Foundation
- Sustainable Conservation
- Upper-Salinas Las Tables RCD
- Central Coast Regional Water Quality Board
- Cachuma RCD and many more

Water Quality and Conservation

The Watershed Coordinators engaged in activities that served to protect water and soil resources, and to protect and enhance important natural habitats and ecosystems throughout the district. This goal was achieved by the completion of a work plan that focused on the need to assist landowners in the development of conservation plans and implementation of best management practices (BMPs) in the watershed. Conducting educational workshops and demonstrations developed new partnerships by attracting landowners and familiarizing them with beneficial land treatment practices that improve water quality and the environment. Outreach to watershed stakeholders increases public awareness of the need for resource conservation and how it applies to their lives. Cooperation among watershed residents, local groups and government agencies was essential in achieving the mutual goals of the District and CALFED.

Helping Agriculturists Reduce their Impact

The Watershed Coordinators built strong relationships with local agriculturists and helped them improve their land management practices. The Watershed Coordinators provided technical assistance, identified financial assistance, and streamlined the process for the creation of 81 conservation plans. Twenty more conservation plans are in process. This represents a large part of the watershed. By improving habitat on agricultural land, the viability of both local wildlife and local agriculturists was increased. In addition, local agriculturists are more likely to implement additional conservation practices and look to the RCD for assistance in the future.

Science Leading Restoration

The newly released "Arroyo Grande Creek Erosion, Sedimentation, and Flooding Alternatives Study" allows local agencies to identify high priority restoration areas based on scientific analysis of current stream conditions. Once the report was published, the Watershed Coordinators began raising money to address 11 high-priority erosion and sediment control projects and 5 floodplain enhancement and restoration projects. With their completion, the creek will flow in a much more natural pattern reducing pollution and improving important natural habitat.

Educating Residents about their Personal Water Use

The Watershed Coordinators completed 38 water audits of local agricultural operations. By showing landowners and land managers exactly how much water they use and making suggestions for water use reductions, they are able to make critical changes in their water use patterns. Changing water practices one landowner at a time reduces the burden placed on local and state governments to provide water, reduces conflicts between agricultural and urban water supply and protects critical habitat.

Contact Info:

545 Main St. Suite B-1
Morro Bay, CA 93442
(805) 772-4391
www.coastalrkd.org

Colusa County Resource Conservation District

DEPARTMENT OF CONSERVATION WATERSHED COORDINATOR FINAL REPORT 2004 - 2007

State Senate
District 4
State Assembly
District 2

ACCOMPLISHMENTS

Developed a Bear Creek guide watershed restoration

Installed a livestock exclusion on Sulphur Creek to minimize mercury contributions

Planted over 40 species of native plants throughout the watershed

Completed research evaluating saline irrigation water impact on native grasses

Developed a stewardship plan on 1800 acres of a local resort property

Published a 50 page pictorial-narrative handbook of local invasive plants

Created a Tamarisk eradication program to fight a major infestation in the watershed.

Created a forum to address sedimentation and mercury issues

PARTNERS

- American Land Conservancy
- Ashley Payne Ranch
- Bureau of Land Management
- Cache Creek Stakeholders
- CA Dept of Conservation
- CA Bay Delta Authority
- CDFA
- CALFIRE
- CA Dept of Water Resources
- California Rangeland Trust
- Caltrans
- Fout Springs Youth Facility
- Konocti Conservation Camp
- Pacific Watershed Associates
- NFWF
- NRCS
- Rocky Mountain Elk Foundation
- Regional Water Quality Control Board
- Tuleyome
- UC Davis
- and many more



432%
Matched
Funding

Grant Award: \$127,317

Funds raised:

Federal	98,750
State	314,656
Local	32,191
Private	104,848
Total	550,445

Local Partnerships are Critical to Program Success

Watershed Coordinators are important to a functioning watershed because they work to bring people together around complex issues providing attention, education, and collaborative problem solving. The Upper Cache Creek Watershed Coordinator is an excellent example. During the three years of the DOC Watershed Coordinator Grant, he worked to build capacity, conduct outreach, initiate and complete research projects, summarize data and reporting results, write grants, and set the stage for future collaboration. To accomplish these objectives, the Watershed Coordinator formed partnerships with 28 entities including local resorts, universities, government agencies, non-profit groups, agriculturists, a youth correctional facility and local volunteers including local scientists. The broad based collaboration fostered by the Watershed Coordinator brought about outstanding results including two important restoration events, one of which removed the major source of Tamarisk in Sulfur Creek; developed a Bear Creek Watershed Assessment Program; re-vegetated 40 species of native plants throughout the watershed; conducted botanical inventories; evaluated the use of saline water on native grasses; wrote articles for local papers and professional journals; and began to address mercury issues in the watershed. The Upper Cache Creek Watershed is functioning much more efficiently thanks to the work of the Watershed Coordinator.

Addressing Mercury Issues

The high levels of mercury that can be found throughout the watershed pose a threat to public health. The Watershed Coordinator convened a group of local stakeholders to

find ways to keep mercury from entering waterways. The first project was an exclusion fence for cattle along a high mercury-contribution area. Cattle stir up mercury containing sediment as they enter creeks and streams to drink. By excluding cattle, water-born mercury levels should also be reduced.

Restoring the Watershed One Land Owner at a Time

Wilbur Hot Springs is an 1800 acre resort that has approximately 12,000 visitors a year. The Watershed Coordinator worked with the resort to address their most important resource issues including a large infestation of Tamarisk that provided the source of an infestation throughout the watershed. Tamarisk was controlled and nearly eradicated on the property. An education project was also completed to increase the local community's awareness of Tamarisk and how to remove it. A 50 page pictorial booklet was created to help demonstrate the issue.

Celebrating the Watershed

The Watershed Coordinator kicked off the first annual Cache Creek Watershed Celebration. In addition to educational and family fun, the event also included a creek cleanup to remove invasive species and trash on Cache Creek. Engaging the community around water issues created a more informed community that is better able to take action to improve water and stream quality.

Contact Info:

100 Sunrise Blvd. Suite B
Colusa, CA 95932
(530) 458-2931
www.colusarc.org

2576%
Matched
Funding

Grant Award: \$138,473

Funds raised:

Federal	10,000
State	3,463,166
Local	54,419
Private	40,000
Total	3,567,585



ACCOMPLISHMENTS

Installed BMPs reducing sediment in tailwater discharge from 2600 mg/l to 17 mg/l

Installed drip irrigation in a 144 acre field reducing irrigation from 432 acre ft to 142 acre ft.

Held planting and clean-up events that attracted 1700 participants

Taught 150 residents to use GPS and benthic invertebrate sampling

Completed Chinook Salmon monitoring using 150 local volunteers

Removed invasive plants on 4,800 square feet and replaced them with 375 native plants

Incorporated 8 stormwater reduction BMPs into new developments

PARTNERS

- NRCS
- Contra Costa County Community Development
- Natural Heritage Institute
- Contra Costa County
- Flood Control and Water Conservation District
- Local Residents
- Developers
- City of Brentwood
- Contra Costa County
- California Fish and Game
- East Bay Regional Park District
- Contra Costa Co Fish and Wildlife Prorogation
- State Water Resources Control Board
- National Oceanic And Atmospheric Administration
- CALFED
- The San Francisco Foundation and many more

Water Quality and Best Management Practices

The San Joaquin Delta Watershed Coordinators addressed Delta issues in two ways. First, one Watershed Coordinator worked with local agriculturists to provide technical support and information to encourage better management practices. They improved the quality of water flowing into the Delta through an integrated program of agricultural tailwater management, water conservation, and wildlife-friendly agriculture. Best management practices were implemented to reduce the amount of agricultural discharge, improve the quality of agricultural discharges, and improve the wildlife value of irrigated agriculture. A second Watershed Coordinator focused on improving the watershed by working with urban residents. She improved the quality of aquatic habitats in the lower watershed and Delta through an integrated program of urban stormwater management and volunteer participation in habitat restoration. The Watershed Coordinator engaged local residents in the planning, implementation, and monitoring of ecosystem restoration, habitat enhancement, and water quality improvement projects. Stormwater reduction and water quality improvement BMPs were incorporated into the planning, review, permitting and construction of new development and into the retrofit of existing urban developments.

Improving Agricultural Water Efficiency and Runoff

The Watershed Coordinator worked with 5 local agriculturists to install drip irrigation systems and BMPs on over 450 acres of agricultural lands. Tests showed

that the volume and sediment content in the runoff water was greatly reduced. One field showed a reduction in sediment content in runoff water of nearly 720%. Efficiency was also increased. One field reduced the use of irrigation water by nearly 75%. In order to further improve habitat, we began the installation of 22 barn owl boxes throughout the county.

Community Creek Clean-ups and Habitat Restoration

Over 1950 residents of the county got involved in cleaning up their watershed. The Watershed Coordinator organized and hosted several creek clean-up and restoration events. The most notable event involved the removal of invasive species from 4,800 square feet of California Red-Legged Frog habitat. Once the invasives were removed, 375 native plants were planted. The Watershed is starting to look a lot more natural thanks to the hard work of the Watershed Coordinators.

Changing City Ordinances to Change our World

The Watershed Coordinator worked to have BMPs to reduce water pollution incorporated into new developments. The BMPs included vegetated buffer strips, constructed wetlands, vegetative swales, and water quality inlets. The BMPs were applied to 4 developments along 5,400 linear feet of creek. The impact of development is being reduced one development at a time.

Contact Info:

255 Glacier Drive
Martinez, CA 94553
(925) 313-2313

Contra Costa Resource Conservation District

DEPARTMENT OF CONSERVATION WATERSHED COORDINATOR FINAL REPORT 2004 - 2007

State Senate
District 7
State Assembly
District 11 & 14

ACCOMPLISHMENTS

14 Creek Clean-ups collected 463 cubic yards of trash along 2 miles of creek

62 invasive plant removal work-days removed weeds from 7,000 square feet per year

2006 Sea World/
Busch Gardens
"Environmental
Excellence Award"

Dow Chemical
Company property
received the Wildlife
Habitat Council's
"Corporate Lands for
Learning of the Year"
Award

50 Native Plant propa-
gation and planting
events planted over
14,000 native plants

Kirker Creek
Management Plan
and Alhambra Creek
Watershed Management
Plan developed

47 Neighbors came
together to restore
a 1 mile stretch of
Alhambra Creek

87 restoration projects

PARTNERS

- Environmental Studies Academy
- Friends of Alhambra Creek
- Martinez Historical Society
- Martinez Unified School District
- Muir Heritage Land Trust
- National Park Service
- Partners for the Watershed
- City of Pittsburg
- The Watershed Nursery
- UC Berkeley
- Contra Costa County and many more



110% Matched Funding

Grant Award: \$188,730

Funds raised:

Federal	0
State	99,700
Local	93,679
Private	14,040
Total	207,419

Community Involvement Flourishes

"Over the 3 years the CA Department of Conservation funding, the Watershed Coordinator served as the critical link among more than 20 organizations that cooperatively worked to accomplish restoration goals. To implement projects, the Watershed Coordinator wrote grant proposals and secured non-grant awards and donations totaling \$207,419. General outreach and networking efforts complemented specific, targeted, collaboration with community groups. These outreach activities enabled the Watershed Coordinator to secure critical community support for, and participation in, restoration projects. The Watershed Coordinator promoted awareness of regional activities and acted as a resource for all concerned groups. The watershed is beginning to be a lot more natural thanks to the hard work of the Watershed Coordinator.

The Neighbors of Alhambra Creek

Forty seven neighbors are working in coordination to improve their creek. Together they are creating a plan to restore a one mile stretch of Alhambra Creek that includes the John Muir Grave Site. Through the efforts of the Watershed Coordinator, grants were secured to fund capacity-building and planning, a topographic survey of the channel was completed, and conceptual engineering designs were developed and presented for public review at community outreach events. AVCC is currently seeking funds for the final phase: construction.

Awards

The work of the Watershed Coordinator was instrumental in local work that

received two prestigious awards. Work coordinated by the Watershed Coordinator completed on the Sky Ranch restoration site received the "SeaWorld/ Busch Gardens Environmental Excellence Award." Work coordinated by the Watershed Coordinator that was completed on the Dow Chemical Company lands was awarded the Wildlife Habitat Council's "Corporate Lands for Learning of the Year" Award.

Clean-ups, Planting, and Community Involvement

Over the course of the three years of the DOC grant, the Alhambra Creek Watershed has undergone a face-lift. Projects included 14 creek clean-ups, 62 invasive plant removal workdays, and 50 native plant propagation and planting events at 3 different sites throughout the watershed. Through this extensive restoration, 14,000 native plants were planted, 462 cubic yards of trash were disposed of, and 21,000 square feet of invasive plants were removed. That is an impressive total. To keep people committed to and engaged with their watershed, the Watershed Coordinator held events, published newsletters, submitted articles to the local newspapers, and provided educational opportunities as well as entertainment. The highlight of the outreach was the first annual creek celebration event.

Contact Info:

Contra Costa RCD
5552 Clayton Road
Concord, CA 94521
(925) 672-6522
www.ccred.org

27%
Matched
Funding

Grant Award: \$192,099

Funds raised:

Federal	38,170
State	10,000
Local	0
Private	4,155
Total	52,325



Watershed Management for Better Resource Use

The DOC Watershed Coordinator Grant Program has provided the resources to further the goals of the Deer Creek Watershed Conservancy's Watershed Management Plan that directly support the goals for the Bay-Delta. The Watershed Coordinator's accomplishments over the grant period encompass an integrated, long-term approach to watershed management and include significant progress towards sustainable management activities. The work focused on establishing, coordinating and facilitating locally appropriate, community-based activities and projects to maintain and improve watershed conditions. The outcome is a cooperative and collaborative effort to review, discuss and implement watershed-wide actions that incorporate local, state and federal goals. The Watershed Coordinator's efforts produced positive results and accomplishments that preserve natural resources, protect private property rights and promote responsible land stewardship within the watershed.

Watershed Management Strategy

The Watershed Coordinator organized and facilitated the revision of the Watershed Management Strategy utilizing a collaborative, interdisciplinary, multi-species and ecosystem approach. This collaborative effort resulted in a significant increase in communication and cooperation amongst agencies and organizations and increased participation and awareness within the Deer Creek Watershed. The strategy will be used as a tool to guide management decisions within the Deer Creek Watershed. A Project Summary Report identifies future watershed activities/projects as determined by the recommendations in the Strategy. Collaborative

management documents like the Deer Creek Watershed Management Strategy help the community understand the challenges to their watershed and prioritize solutions. Groups working on the watershed then have direction that meets the priorities of local stakeholders and a clear understanding of total watershed efforts.

Educating the Public for Better Resource Management

The Watershed Coordinator sought to establish Deer Creek Watershed Council's mission and encourage good land stewardship practices landowners and resource managers within the watershed via education and public outreach efforts including 3 annual meetings, 4 public workshops, over 50 individual landowner meetings, 6 field trips/watershed tours, 2 events, the publication and promotion of the DCWC website and the establishment of an office and phone number located within the watershed. The private landowner meetings resulted in countless changes on private property. Most notably, 6 landowners collectively owning more than 20,000 acres installed individualized ranch conservation plans.

Removing Sediment from the Water

The Watershed Coordinator reduced chronic sources of erosion and associated sedimentation to the Deer Creek Watershed by removing 94 head of cattle from the upper watershed to reduce soil erosion and sedimentation runoff where cattle cross.

Contact Info:

PO Box 26240 7th St

Vina, CA 96092

(530) 839-2105

www.deercreekwatershed.org

ACCOMPLISHMENTS

Updated the Watershed Management Strategy

Created Ranch Management Conservation Plans for 6 landowners covering more than 20,000 acres

Held 4 public workshops

Met with over 50 private landowners

Vegetation mapping on the lower 11 miles of the creek

Conducted 6 watershed tours

Coordinated a Flood Feasibility Study

Completed a fish passage study

PARTNERS

- CA Department of Fish and Game
- US Fish and Wildlife Service
- Tehama County Resource Conservation District
- CA Department of Water Resources
- US Geological Survey
- CA State Water Resource Control Board
- US National Marine Fisheries Service
- CALFIRE
- US Bureau of Reclamation
- CA Cattlemen's Association
- US Forest Service
- National Forest
- Sierra Pacific Industries
- The Nature Conservancy
- Collins Pine Company
- Tehama County
- NRCS
- UC Berkeley
- Plumas Unified School
- District/Chester Junior-Senior High School
- Abbey of New Clairvaux and many more