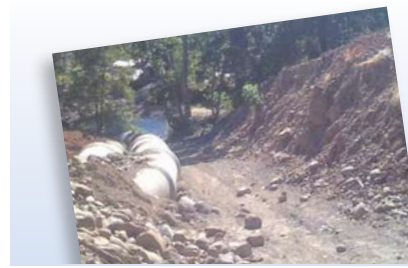




**NOAA Steelhead
and Salmon
Recovery Plan**
See Page 10



Illegal Grading:
Damages from proceeding
without a permit
See Page 11



BUTTE ENVIRONMENTAL COUNCIL'S **ENVIRONMENTAL** *News*

FALL/WINTER 2010

VOLUME 15 NUMBER 3



Creekside Students doing biological fieldwork

Education and Generation Hot

by Carol Perkins, BEC Water Resource Advocate

Carol Perkins is working with 'Generation Hot' at Creekside 6 Academy at Paradise Intermediate School. Creekside is a sixth grade program in their third year, blessed with three incredibly dedicated teachers. Creekside's long-term goal is to study the physical and ecological characteristics of Little Dry Creek, a perennial tributary to Butte Creek. Little Dry Creek emerges in the middle of the Town of Paradise and is heavily impacted by septic effluent, road run-off, and anthropogenic channelization. The Paradise Master Drainage plan calls for piping a considerable amount of the creeks in the upper watershed. Creekside hopes to examine the impact of development on water quality and water supply in an effort to encourage the Town to leave the creek headwaters open and natural.

According to Mark Hertsgaard in his recent article 'Meet Generation Hot,' children born after June 23, 1988 are members of Generation Hot, a generation that will spend their entire lives confronting the impacts of global warming. The 1988 date signifies when a NASA scientist first warned the U.S. Senate that greenhouse gas emissions were raising earth's

temperatures and global warming became a household phrase, following the publication of this warning in the New York Times.

Butte County has been identified as one of 19 California counties facing extremely high risk of water shortages by mid-century, considering climate change impacts and the projected uses of water. In question is the sustainability of water supplies. Paradise needs to update their General Plan, which should involve looking at water resources and planning development where it creates the least impact on supply (not paving over headwaters of major watercourses) and demand (placing development where infrastructure and reliable supplies exist). The Creekside program idea is that students will be involved local policy making using data they collect, their observations, and global data analysis to affect efficient and creative water

continued on page 7

Water Education Briefs:

In September the California Conservation Corps and Carol Perkins worked with Creekside 6 Academy students at Paradise Intermediate School to improve and to study the physical and ecological characteristics of Little Dry Creek, a perennial tributary to Butte Creek. The CCC donated an entire day to remove invasive, non-native blackberry bushes along a stretch of Little Dry Creek on the Paradise grange grounds. The CCC's work provides Creekside access to a great reach of the creek where students can measure many physical characteristics of the creek.

Desi Hatton and Carol Perkins spent a day recently with Creekside students on the shore of Paradise Lake, Paradise Irrigation District's primary water source. It was Creekside's first field day, sponsored by the Resource Conservation District and PID, where the students learned a little about the importance of living in a watershed. Hatton, Perkins, and a number of parents engaged the students in a nature circuit where they learned to read a compass, a handheld GPS unit, measured ambient air temperatures, tracked the sun, and pondered the differences between abiotic and living species.



Butte County "No on 23" coalition members campaigning in Paradise. 8/25/10

Californians and Butte County forward climate change legislation

by Jessica Allen

Chico Conservation Voters is a grassroots political organization that supports environmental candidates and issues in Chico and Butte County.

The final results of the November 2010 election show that California and Butte County vote progressively. California defeated Proposition 23, which received support from only 38.4% of voters statewide. With 5,746,399 voters (61.6%) rejecting Prop 23, the "No on 23" voters composed the largest pool of agreement

continued on page 7

Environmental News, a newspaper published three times a year, covers environmental news and events of Butte County and beyond. To submit articles or events for the *Environmental News* and Calendar, e-mail marym@becnet.org. Articles should be submitted 30 days before publication and must include the author's name, address, and phone number. BEC reserves the right to edit work for space, clarity or libel. The opinions expressed by contributors are not necessarily those of BEC.

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About BEC

The Butte Environmental Council (BEC) is a not-for-profit public benefit corporation. Founded in 1975, BEC protects the land, air, and water of Butte County through advocacy, environmental education, and information and referral services.

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530.891.6424, www.becnet.org

Office Hours:
Monday through Thursday
9:30 A.M. to 5:00 P.M.

How to Join BEC

To join BEC, complete the membership form on the back page of this paper and send the membership to BEC.

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and many more...
Thank You!!



BEC Drought Water Bank Lawsuit Update

Butte Environmental Council's DWB lawsuit continues through the court system.

In brief overview, February 2009 the Governor of California issued a proclamation claiming an emergency drought, a declaration that provides an exemption to the California Environmental Quality Act for implementing increased water transfers. His action would have facilitated the taking of additional water from the Sacramento Valley to the San Joaquin Valley. BEC hired the legal team of Lippe, Gaffney and Wagner to challenge the exemption on the basis that a drought is not an emergency situation caused by nature but rather a regulatory drought caused by the State's mismanagement of the people's water.

California Sportfishing Protection Alliance and the California Water Impact Network joined BEC as partners (in name only) in the case in April 2009. A long list of water districts and agencies were added to the State's case (California Department of Water Resources et al.) as parties in interest.

The State filed two major efforts to stop the case from being heard, and these efforts failed. The merits of the case were heard by Judge Vilardi on January 25, 2010.

The court's docket has the Case Summary and Register of Actions, containing the many legal documents submitted to date. For full detail see <http://apps.alameda.courts.ca.gov/domainweb/html/index.html>. Enter case no. RG09446708.

Since the Decision of the Court was filed (on March 15, 2010), many additions to the Register of Actions have been made. Most recently (Dec. 2, 2010), there is a Notice of Motion Filed for Butte Environmental Council. This document sets a hearing date for Tues., Feb. 1, 2011 at 2:00 pm in Pleasanton before Judge Alice Vilardi. Since Judge Vilardi's finding in BEC et al.'s favor last March, the actions filed regard the settlement of the case.

You may say I'm a dreamer

By Nikki Schlaishunt, Administrative Director

BEC board member Crystal Durham and I drove down to San Francisco this week to learn more about relational membership building—a new way of growing an organization and increasing the effectiveness of our work for the environment. We attended the annual luncheon for the Pachamama Alliance to experience how they do fundraising and membership building. And we learned about dreaming.

In the mid 1990's elders from an indigenous people deep in the Amazon rainforest began to have dreams about a troubled world. They dreamed of ways to build a bridge between nations in order to save our world. The Pachamama Alliance is a cooperative between technological countries and indigenous peoples of the rainforest—we teach them the modern skills needed to save their land, and they teach us a new way of thinking about the world, a new vision that we need to survive. A vision that includes valuing the land, the air, the water, and all of the beings we share this world with.

We can dream that dream here—envision a world where there is peace and love and health and sharing, a world where we all deeply feel the interconnections between each other and between us and the earth. Dream, and then take action to make that dream reality. We have the power to go far beyond so called “economic recovery” which is really just a return to a system that does not work and is not sustainable. Working together, we can truly transform our world for the better.

Want to get inspired? Check out <http://www.fouryearsago.org/>. Want to get involved? Join BEC and help us dream and build a sustainable, healthy community.

Leave a Legacy *For the land, air, water, and future generations*

A legacy gift to the Butte Environmental Council will not only ensure that some of our most beautiful and important resources in the northern Sacramento Valley and foothills are protected and preserved, but could also provide you with income for life, a reduction in capital gains taxes, and other benefits.

There are many ways that you can be a part of our environmental legacy:

- Remember BEC in your will or living trust
- Name BEC as a beneficiary of your IRA or Qualified Retirement Plan
- Name BEC as a beneficiary of a life insurance policy

If you currently have a will, you can easily add a codicil (an amendment) to include a bequest (a gift in your will) to BEC. An example of appropriate language for inclusion in your will or living trust is:

“I give, devise and bequeath to Butte Environmental Council, a California nonprofit public benefit corporation with the mailing address of 116 West Second Street, Suite 3, Chico, California, 95928, the sum of \$_____ dollars [or otherwise describe the gift or asset] for its general purposes and use at the discretion of Butte Environmental Council's Board of Directors.”

If you are interested, please contact your personal financial planner or attorney. For basic information, please contact Butte Environmental Council at 530.891.6424.

Advocacy: Encouragement, Backing, Support

Advocacy after the General Plan updates

by Robin Huffman, BEC Advocacy Director

As important as encouraging sustainability has been in the Chico and Butte County General Plan update process, the plans being the local constitutions to community planning out to 2030; with their near completion, BEC advocates look forward to focusing on other means of protecting the land, air, and water. Oroville adopted its general plan a couple years back, Gridley's is nearly through the process, and Paradise is to do a minor update. The general mood, with the possible exception of Biggs, is to keep agriculture as a mainstay of Butte County in the rural areas, and to promote sustainability however possible.

The old paradigm of unending growth is reluctantly giving way to a new reality: most of our communities are as big as we should get, and can get. We've met our genetic potential and then some. Let's say we're a plus size, and it's time to shape up as a culture. We've overindulged in non-renewable energy and water usage. We've spread subdivisions onto farmland, thinking that food can always come from somewhere else. We're realizing that we in the North Sacramento Valley have much of the best soils and water resources available in the world, and we're beginning to more fully appreciate and cherish this fact.

But the law is not always on the side of sustainability. As speaker David Cobb pointed out at the recent two-campus sustainability conference (Butte College and CSU, Chico), corporate personhood is a court-created precedent that extends the constitutional right of humans to corporations. The result is essentially fascism, with corporations dictating what happens. It's been said that if corporations are people, they are not well rounded. For-profit corporations don't, and to some extent are not allowed to by law, care about others; they are without basic humanity. Corporations focused only on profit would run rogue over the environment, without a care for social equity or the sustainability of the economy, if not for the thread of democracy that remains out of their power.

"The liberty of a democracy is not safe if the people tolerate the growth of a private power to the point where it becomes stronger than their democratic state itself. That, in essence, is fascism" – Franklin Delano Roosevelt

Our U.S. constitution was, however, intended for human beings, and it is David Cobb's belief that we can "legalize democracy". Cobb is an attorney who is working full time to reclaim the constitution as intended. Details of the movement are found at MoveToAmend.org. BEC may host democracy workshops in the coming year.

How sustainable can we be with the corporates having decided how we will get our food, what we will eat, what we will drive, where our products will be made, what we will see on television, etcetera? Are we as a culture truly free with international corporations having so much influence on so many humans?

Michael Ruppert's story about the 100th monkey in the film *Collapse* (see the news brief) says that once the 100th monkey starting washing coconuts (to wash off nuclear waste from a nuclear test), researchers observed that all the monkeys started washing coconuts. Maybe sustainability will be like this too. Once a certain number of people individually make the transition to living locally, maybe everyone will make the shift, whether or not they know why it's important.

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Broker



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News BRIEFS

BEC hosted a free showing of the film "Collapse: Can this man predict when your world will crumble?" at the Pageant Theater in Chico in October. The documentary contains shattering predictions by investigative journalist and former Los Angeles police officer Michael Ruppert, whose insight has proven correct for the current economic crisis and appear to be on track for a larger meltdown, rooted in the economics, policies, and politics of oil. A discussion followed the showing of the film. This event may be repeated. A BEC transition team is to be established in the New Year. Transitioning to a localized economy is key in attaining sustainability and, if Ruppert is correct, it is also key to surviving the collapse of our oil dependent, growth based, globalized economy within the next couple decades.

Save Our Water Resources and Friends of Orland, await name of CEQA judge to hear water case in Orland California.

SOWR and FOO filed suit against Crystal Geyser Water Company after the company refused to do an Environmental Impact Report. The company proposes to build an "environmentally state of the art" bottling plant and has adamantly rejected the need for an EIR, claiming there is no credible evidence to indicate the need for an EIR for its proposed plant. The Orland City Council agreed, despite much public testimony that there are too many negative impacts regarding the project. The suit is to get an EIR as required by the California Environmental Quality Act. The trial date is set for May 27, 2011 in the Sacramento Superior Court.

County General Plan Unsustainable

Butte County adopted the General Plan 2030 on October 26. BEC, in coordination with citizens in various communities, continues to work to improve the plan. A correction after the adoption of the plan requires legal action, and BEC is accepting funds to legally challenge the county's general plan and potentially the zoning ordinance, which remains in the adoption process. The general plan EIR fails to analyze water resources. This omission could result in cumulative effects detrimental to existing wells in rural areas as well as to creeks and ecosystems. The county is not monitoring wells in the foothills; yet, the plan and zoning ordinance will facilitate development in rural areas like Yankee Hill and Butte Valley, where many residents are already experiencing periodic well problems.

General Plans awash in "Green"

Myth busting!
(or staying alert when general plans are deployed)

by Grace Marvin

There are six ways sellers greenwash a product they are marketing, according to greenecocommunity.com. Beside each way listed below is a corresponding example of a myth about the "products" as heard from developers, local elected officials, and staff. The point: be prepared to bust these myths, when you hear them, as greenwashing.

1 - Hidden trade-off. Myth: *If we build a road through a local orchard or across a creek, the commuter shortcut will make Chico easier to get around and thus be more sustainable.* Busted: maintaining local agriculture and riparian areas are more effective in addressing the overlapping circles of sustainability: economic, environmental, and social equity.

2 - No proof. Myth: *Since the term "sustainability" is used in the General Plan's Economic Development Element, we can be assured that decisions coming out of the General Plan will be economically sustainable.* Busted: Will the city really consider the long term costs of plans for a new highway interchange or a new housing/shopping development? What about true costs to taxpayers, to the owners of local businesses, and to the environment for the added air pollution, stress on water resources, and loss of habitat that accompany sprawling new development?

3 - Value Claims. Myth: *People prefer to live on ranchettes with big lawns; we should allow them freedom of choice by zoning for such homes.* Busted: Are these verified, realistic wishes, especially when job situations are precarious, financing is tight, and energy is expensive? Studies show that people enjoy living, working, and socializing in well-planned compact communities within the city.

4 - Irrelevant. Myth: *Letting the free market decide where housing will be is good.* Busted: The free market is NOT providing sustainability. We the people need to direct the City of Chico to plan for housing that increases the sustainability of the community. We also need to be vigilant about protecting our natural resources, such as water recharge areas, to ensure enough affordable water for all our local citizens, i.e., still another fairness need not addressed by the free market.

5 - Lies or Fibs. Myth: *It would be green to plan separate communities far from downtown, say, in the foothills, yet loaded with energy efficient housing and lovely open spaces.* Busted: It's not "green" to plan more commuting and to use more tax money on the infrastructure that outlying communities need. Instead, development should be revitalizing within the city, while keeping adjacent land in agricultural uses, in stewardship with the land's natural resources.

6 - Lesser of 2 Evils. Myth: *To create sustainable jobs, cater to chain stores.* Busted: small local companies employ more people than national and international ones. The city should find out how they can facilitate the development of local jobs for locally farmed food and locally produced products to be sold in local markets.

Civic leaders: encourage appropriate alternative energy production to get ready for substantial change that's coming; stop the greenwashing, and join the local revolution for achieving true sustainability.

Chico's air quality policies

by Aaron Lutes
CSU Chico Freshman
Political Science 155

Chico is a city which prides itself on its progressive attitudes and policies, but Chico's air quality has been something which has been deemed somewhat lacking. The city has already created laws to ban leaf burning, and has introduced a voluntary program, known as "Check Before You Light" in an effort to lower pollutants on days with inertly poor air quality. With the large amount of non-compliance it has become apparent that the voluntary program is not getting the desired results. The problem with older wood burning stoves is that they release PM 2.5 (particle matter less than 2.5 micrometers in diameter) which when inhaled is very damaging. It has become apparent that through general apathy towards this issue many persons do not follow the requested guidelines as to when not to burn their stoves.

It is therefore necessary to pass a law which would make the burning of these stoves on poor air days a misdemeanor. The reason for this is not to stop a pollution problem, but to prevent Chico from developing an air quality issue. While California is a leader in air quality laws, it is also one of the most populace states with some of the highest living densities and an urban sprawl issue and it is our responsibility to head off as many possible pollution issues as possible.

The enforcing of this law would require very few additional man hours as local organizations already perform regular checks on days with low air quality. Another way to enforce it would be diligent neighbors reporting non-compliance to local law enforcement offices; the current mode of policing the leaf burning laws. Non-compliance would have the same result of burning leaves. The law would not prohibit the burning of older stoves, but limit it like most counties do leaf burning.

Would this law pass, a simple way in which to avoid becoming at odds with the law would be to purchase a newer, more efficient wood stove (worth tax credits) which emit far less PM 2.5. It is through simple steps that we can help keep Chico a beautiful and healthy place to live, and this is one of those steps.

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Above left: Closed boat launch by the Oroville Dam due to the water being too low. The Oroville Reservoir is a “surge pond” for the State’s water needs. Above right: The Fish Ladder is the dead end for the Salmon in lower Oroville, limiting their natural range by hundreds of miles.

The Relicensing of the Oroville Dam and attached facilities

by Bill Connelly, Butte County Supervisor

The first efforts for a settlement by various environmental and government agencies started over eight years ago. The Alternative Relicensing Program was and is an effort by the California Department of Water and the Water Contractors of California to get a cheap deal – how cheap none of us who attended the meetings of the Alternative Relicensing Settlement meetings really understood, until now.

The process of the Oroville facility’s relicensing was very slanted towards paid government bureaucrats. This really accomplished little in real mitigation towards the offset of the facility impacts on different local species. The bureaucrats showed up, hired scientists who proposed mitigations and solutions, but in the end they ignored most solutions and mitigations, inked the proposed DWR deal and went home to consult another day...

A short example would be the Native Feather River Drainage Salmon and Steelhead.

The salmon were talked about, studied a bunch, and recommendations were made, but when the really effective costly fixes were brought forth, no substantial actions were pursued.

There was no large expansion of the Oroville Fish Hatchery. Not all salmon are spawned that make it to the fish hatchery as they run out of room. The spawning canals are shut off. Offsite spawning or artificial spawning beds would also allow for more production and protection of spring run salmon.

One simple concept was the building of salmon spawning channels in the wild life area southwest of Oroville along the Feather River. By using cold water diverted through or around the After Bay by canal, ditch or pipe the artificially watered but natural graveled type of spawning canals would preserve the early spring run and native salmon. A simple diversion net across the river would guide spring run fish into such a canal. Once enough are diverted the net is taken down the canal mouth blocked keeping in the fish and allowing the water to flow. Such an alternative was pursued and there was a visit by upper management California Fish and Game officials who said this idea could work if there was political will and money. Ignoring this solution DWR found it was cheaper to pay the Rice Farmers for cold water damage to rice and force cold water through the After Bay. No long term costs such as off river spawning beds or species protections are to be pursued.

In the end when the two hundred million dollars spent on the relicensing dried up the paid consultants and government workers signed off less than appropriate species mitigations and went on to the next project. Only the County of Butte has stayed the course fighting for ongoing mitigations appropriate to impacts.

The After Bay will be my next article about species mitigation: we will explore warm water recreation, water fluctuations, water fowl, and off site mitigations.



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The Veggie Voyagers: An Eco-Friendly, Low Budget Loop of North America's Wild Places Powered by Used Cooking Oil

By Chris Nelson with Michael Pike

At the age of 60 BEC member Chris Nelson retired and with her very capable husband went on the road in a 1987 truck with a cab over camper that had been converted to run on waste cooking oil.

The account of this journey, *The Veggie Voyagers* is an understated account of a Great North American Adventure without the underpinnings of security or convenience. It's about a devotion to staying off fossil fuels through a quest for open space, freedom and natural beauty.

Along a loosely determined loop through 20 states in continental America and two separate spikes up into three Canadian provinces the authors experienced constant challenges and adventures of mobile homelessness.

This book is about the adaptations in attitude and role necessary to pursue low budget fossil fuel free domestic travel. It's the story of a quest and pilgrimage of reverence in finding and appreciating the natural jewels of the continent. It was also a weathered glimpse into what endangered but sacred spaces remain on a thin, wavering line of experience as well as a clear observance of environmental problems that must be acknowledged and addressed.

Available now at Lyon Books and CSU, Chico Bookstore on recycled paper with vegetable dyed color photos throughout. Printed in the U.S.A.

For detailed blog entries with great nature photos check out July, 2007 through May, 2008 on www.veggievoyagers.blogspot.com

BEC and 35 years of Environmental Protection

By Nikki Schlaishunt

In 1975 a few idealistic students founded the Butte Environmental Council. "The initial members were driven by the intention to save the world or at least a piece of it," said Mike McGinnis, a founder. Over the past thirty-five years, BEC's work has helped preserve our quality of life through the protection of our land, air, and water.

BEC started the first recycling center in Chico, and in 1977 introduced a curb side recycling program. By the late 1980's recycling had become a way of life. When large disposal companies entered the market for recycling, BEC sold its recycling service to North Valley disposal and began to focus on education, advocacy and referral services.

Education: One of the key components in effective environmental protections is education. To this end, BEC has run two of the longest public education events: The Endangered Species Faire, and the Park and Creek Cleanups. For the past thirty-one years, BEC's Endangered Species Faire has commemorated Earth Day with a full day of exhibits, activities, presentations and entertainment. Between 3,000 and 10,000 people of all ages visit and participate in northern California's oldest annual environmental fair.

Since 1986, BEC has sponsored clean-ups to preserve the aesthetic beauty and environmental integrity of parklands and creeks in the Chico area. This hands-on environmental education experience engages the community in the active care of our environment. In September of this year, 228 volunteers removed almost 5 tons of trash and recycling from public land and waterways. Other BEC environmental education programs include sponsoring environmental speakers such as Joseph Cornell, Lou Gold, and Walkin' Jim Stoltz; sponsoring education programs such as the Lassen Summer Naturalist Camp (1985), the Ishi Wilderness Conference (1980), and the Vernal Pool conference (1996 & 2006); and providing the public with environmental education through publications like *The Vernal Pools of Butte County* book (1994), and our quarterly newspaper the *Environmental News* (since 1995).

Advocacy: Another key component of environmental protection is advocacy. BEC has been actively involved in many different advocacy challenges over the past thirty-five years. In 1975, representatives from BEC, North State Wilderness and Sierra Club began efforts to get Ishi, Bucks Lake and Chips Creek designated as wildness areas. In 1984, the 4,100 acre Ishi area and the 1,900 acre Bucks Lake area were designated as wilderness.

On the urban front, BEC has been a proponent of urban growth that takes environmental as well as human issues into account. To this end, BEC has been successful in defeating excessive development plans, including the Canyon Ranch project in the Nance Canyon by Neal Road, and the Rancho Arroyo/Bidwell Ranch project adjacent to Upper Bidwell Park. Environmental impacts from Canyon Ranch would have included turning Neal Road into an eight-lane throughfare, and would have had significant impacts on groundwater, wildlife, and downstream drainage. The Rancho Arroyo/Bidwell Ranch land is covered with vernal pools, provides groundwater recharge, protects a critical watershed and veiwshed and includes a wildlife corridor connected to Bidwell park. In 1995-96 BEC created a plan with funding mechanisms to establish a preserve on this land; in 1997 the City of Chico purchased the land; and in 2005 the City Council voted to rezone the land to open space, protecting this critical ecosystem.

Litigation: Suing to force compliance with environmental law is one of the tools that BEC uses to protect the environment when education and advocacy fail. There is great pressure in our society to pursue profit above and beyond all other values. This includes valuing profit over the environment, and over community health and quality of life which rests upon a healthy environment. Because of this, sometimes the best collaboration falls through and the only recourse left is to sue.

BEC litigation includes: In 1999 BEC successfully sued the Butte County Supervisors over violations of the California Environmental Quality Act (CEQA) and Butte County's code in the Ridgeway Development project. The courts halted the project until an adequate environmental review was done, as the law requires. More recently, BEC sued the California Drought Water Bank over water transfers that were done without proper environmental review. In March 2010, the courts sided with BEC and agreed that the law requires an environmental review before doing a water transfer.

BEC 2010 and Beyond: BEC continues to be very active in Butte County. Our advocacy program is working to protect our groundwater, improve our air quality, and encourage growth that is healthy for the community and the environment. Our education program continues to work to educate the public about environmental health and wellness through our workshops and our educational outreach materials. We are moving towards a membership development model that focuses on bringing people together and protecting the environment through building strong community. We are still working to save the world.

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Creekside Students doing biological fieldwork

Education...

continued from page 1

management strategies for future development.

Perkins hopes to introduce an international experiential learning program into Creekside's curriculum. Global Learning and Observations to Benefit the Environment (GLOBE) is a worldwide hands-on, primary and secondary school-based science and education program. GLOBE's vision promotes and supports students, teachers and scientists collaborating on inquiry-based investigations of the environment and the Earth system. This program works in partnership with NASA, NOAA and NSF. Having a strong global awareness of environmental issues is essential in preparing and guiding students to become responsible, future stewards of their environment.

Creekside 6 Academy is looking for contributions of time, equipment, and funding. Creekside is idea-rich, but currently does not have the funds to purchase monitoring equipment. Needed are temperature and rain gauges that meet the standards of the GLOBE program. The students of Creekside would like to install a continuous water depth and temperature monitor and sample the water quality of Little Dry Creek and runoff that flows into the creek at a number of points on their campus. If you have the time, equipment, or would like to sponsor Creekside 6 Academy please contact Carol Perkins at swmnhydro@hotmail.com.



Creekside Students doing biological fieldwork

Californians...

continued from page 1

for any candidate or initiative on the ballot. The anti-Prop 23 movement garnered more votes than Governor Jerry Brown (5,204,499), U.S. Senator Barbara Boxer (5,004,091), or the voter-approved "Budget Reform" Initiative, Prop 25 (5,055,550). California voters have spoken; we have once again confirmed the solidarity that exists when it comes to preserving and defending our environment.

In a country that has recently and dramatically shifted to the right, our state has effectively shut out much of the corporate influence that is seizing the nation. Our ability and willingness to organize, from the state level down to the smallest townships, led to our triumph over the oil interests attempting to roll back our clean energy standards. In our efforts to preserve AB 32, Californians amalgamated, forming a new sort of coalition, one that is not built solidly upon party lines or special interest conglomerates. In Butte County, where the electorate's conservative tendencies are taken for granted, we challenged the status quo as 54% voted against Prop 23. In a county that voted for nearly every Republican candidate on the ballot, we proved that global warming is not a partisan issue. We have also demonstrated that there is a great amount of potential and dedication within our community. As we move forward into a future likely to be fraught with many environmental challenges (particularly regarding water), the skills and participation of our citizenry will prove itself to be our greatest asset.

With a common goal and a sense of individual and collective responsibility, California took the first great step toward solving the problem of global climate change. We acknowledged that we have a problem, and despite the poor economy, have elected to move forward with our plan of action. Having accomplished what the federal government has been unable to, we can only hope that our willingness to squarely address climate change leaves behind a trail of success within the clean energy sector, creating incentive for the rest of the country to follow.

Butte Valley residents question rezoning

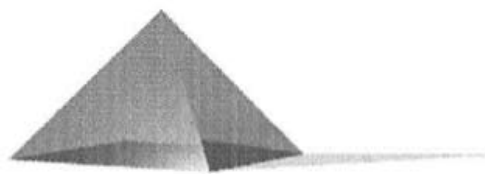
by John Scott

Butte Valley Coalition was recently formed to protect their water resources and agriculture. Everyone in Butte Valley is dependent on well water. The coalition defines greater Butte Valley as the large area between Table Mountain and Mount Neal (the landfill), and Paradise down to the valley along Highway 149. There are already significant water well problems in Butte Valley including along Clear Creek (and Butte College's original wells), Horse Thief Canyon, and Dry Creek through Mesilla Valley.

Upper areas of Butte Valley are in fractured rock aquifers and recharge areas. Lower Butte Valley wells go down into a very shallow edge of the Tuscan formation, a fragile area of the aquifer, and they are usually no deeper than 200 feet, because deeper than that the water can be saline. The saline aquifer can extend down for another 900 feet, before potable water might again be reached.

Re-drilling wells is expensive and may not be feasible. Landowners are locked into a shallow source of water that must not be taken for granted. The groundwater table is already declining; gone are the Artesian wells. Some wells have dropped 50 feet in the past 25 years, or periodically go dry after pumping them for a few hours. Additionally, nitrate levels have been found to be increasing in well water.

When Butte Valley residents learned in September that much of the area was to be rezoned, residents began organizing. Butte Valley Coalition subsequently met with planners from Butte County toward resolving their concerns. They are asking for a cumulative impact analysis for water availability to inform land use and zoning designations as well as a special planning overlay to preserve the rural character of Butte Valley.



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Wellness Update:

By Mary Muchowski

September 30, 2010, marked the completion of our four-year grant from The California Wellness Foundation. We learned many things throughout this grant that gave us the opportunity to educate our community, particularly underserved populations, about the myriad ways we are exposed to toxics and ways to minimize exposure by using alternative solutions. We specifically addressed household cleaning products. We were fortunate to have help from interpreters who provided Spanish speaking and Hmong speaking communities with relevant information. We shared valuable information with many people through our outreach effort at fairs and other events, small workshops in classroom settings, and with our radio and television ads. The final report has been written, and we estimate that we have reached over 2,000 individuals with our classroom education and workshops, over 72,000 at fairs, farmers’ markets and other events, and over 900,000 people have been exposed to our newspaper articles and ads, our bus stop billboards, and our radio and television ads.

The California Wellness Foundation must have liked the work we did on the last grant, because they have given us another two-year grant! For this grant we will continue our Alternative Cleaning Solution workshops and try to get into more classrooms (elementary & high school). We will begin a new project which will involve testing for dioxins in the south Oroville/Palermo area around the old Kopper’s wood treatment facility.

In 1988 and 1994 the Environmental Health Investigations Branch (EHIB) of the EPA tested soil and local chicken eggs for dioxins and found that the level of dioxins in the eggs was high enough for them to issue health warnings about eating eggs from free-range chickens in the vicinity of Kopper’s. Yet, they have not done any testing since 1994. The testing was prompted by a non-profit group (Citizens for Clean Water) after a large fire at the Koppers site in 1987 spread dioxins (polychlorinated dibenzo-p-dioxins or PCDDs) and furans (polychlorinated dibenzofurans or PCDFs) over the south Oroville and Palermo areas. The contamination of the soil on the actual Koppers site is considered by the EPA to be remediated, but soil surrounding the site, on private land, was never considered part of the cleanup plan. We have contacted EHIB and they are willing to work with us, at least in an advisory role.

We welcome any contacts for groups you feel would benefit from our workshops. We have shared them with Enloe’s Better Breathers, WIC, North Valley Catholic Social Service’s teen mothers group, Fairview’s young parents program, CHIP housing communities, and Chico State’s Sustainability Conference attendees.

Please contact us at the BEC office 530.891.6424 or email Mary Muchowski marymATbecprotects.org.

Book Review:

Poisoned for Profit: How Toxins are Making Our Children Chronically Ill

by Philip and Alice Shabecoff, 2010

Have you ever had the sneaking suspicion that what you don’t know is hurting you? Or, worse still, hurting your kids?

Did you know that since the 1930s, the number of synthetic chemicals put into commercial use has *doubled* every seven to eight years?

Did you know that, according to the National Research Council, no toxic or safety information is available for *more than 80%* of the chemicals in everyday-use products?

Philip and Alice Shabecoff have written an exhaustively researched and footnoted book about toxins in our environment and its effects on families and communities via their children. The book is structured in chapters that roughly correspond to a trial (“Inquest; Indictment; Evidence”, etc.), with the Shabecoﬀs assuming the role of prosecutor.

The Shabecoﬀs describe the genetic impact of common toxicants in the “Forensics” section. In simple language, they talk about gene expression and disruptors and the various chemicals and their “purported” effects.

In “Scene of the Crime,” a completely normal day for you and your children is described in detail. Here’s an excerpt:

As you dress for the coming day, you slip on some freshly dry-cleaned clothes that...release vapors of perc (perchloroethylene, or PCE¹), a chlorinated solvent related to TCE, which can cause cancer and birth defects. Underfoot, the synthetic rug was probably manufactured with a bonding agent concocted of (carcinogenic) styrene-butadiene, applied to the underside to hold together the carpet yarn and backing, and most likely impregnated with Stainmaster, another stain resister like Teflon. Your children breathe these vapors. (67)

The chapter details possible vectors for exposure inside, outside, in food, water, and air. Its comprehensive listing is daunting (and depressing), but extremely informative.

The chapters “Co-Conspirators” and “Witnesses For The Defense” describe the relationship that toxic industries have with research scientists and policy-makers. The Shabecoﬀs document the phenomenon of politicians and scientists who are funded and/ or favored by toxic industries supporting a desired outcome—an industry party line of ‘no significant relationship/ threat’. In “Witnesses...” the chapter begins with an explanation of the phrase “manufactured uncertainty” describing it as

...the weapon wielded to mischaracterize fundamental policy conflicts over protecting health, calling them instead disagreements over the science (169).

For illustrations of this syndrome, look first to the tobacco industry, and, more recently, to the ‘debate’ over climate change. Incidentally, in the foreword, the “toxification of the environment” is put forth as “at least as serious a threat to human welfare and the future of life on earth as most of us now understand global warming to be”(xii).

In the final chapter, “Justice,” the Shabecoﬀs discuss what we can do to address this ongoing violation. “Learning and Knowing” is the first step. “Precaution” is the second, followed by “Chemistry Without Harm” (Alternatives to Toxics: baking soda and vinegar cleaners!) and the sea change of shifting towards Green Chemistry. “Motivating Industry,” “Corporate Reform,” “Political Action,” and “Joining Forces” follow. The final chapters include “Rethinking Our Priorities” and “Taking Control.”

We have the power to inform ourselves, to share information, and to work together to protect all of us:

If it takes a village to raise a child, it also takes a village to protect a child. We must regain our sense of community, our understanding that what affects one of us can affect us all (249).

In October, the Butte Environmental Council received another two years of funding from the California Wellness Foundation to continue its toxics education and outreach work.

¹Found in the majority of the toxic groundwater plumes in Chico.

The fastest growing waste stream flowing into landfills today: e-Waste

by Loren Weber

What can we do?

Nearly every American adult remembers the demise of the VHS cassette, or “video tape”. Some bought new devices that could play both DVDs and VHSs of precious home movies. Others resisted the transition to DVDs until the end. A few of us even have VCRs stashed away in dark corners of our garages to this very day. Most, however, got rid of their VCRs via donation or dumpster. In recent years, homes and offices have seen a similar transition from Cathode Ray Tube (CRT) based monitors and TVs to more efficient LCDs. So what happened to all these once treasured gadgets? They contribute to the fastest growing waste stream flowing into landfills today: **e-Waste.**

Electronic waste, or e-Waste, is comprised of electronic devices at the end of their “useful life”, such as televisions, computers, cell phones, monitors, printers, iPods... the list goes on. What makes e-Waste more problematic than traditional solid waste? Hi-tech products call for hi-tech, and often highly toxic, materials. For example, a typical CRT television can contain approximately five pounds of lead. Everyone knows about the dangers of lead. Frequently electronic devices also contain many less infamous, but equally dangerous materials. Beryllium, cadmium, and thallium, all well known carcinogens, are commonly found in electronic devices. The plastics in electronic items can also release toxic gases into the atmosphere as they age.

Obviously, none of these toxins are welcome in our landfills, air, or ground water. Recycling is our best option here. In addition to preventing toxic material from entering our environment, reclamation prevents the ecological harm caused by mining for more of these materials. Recycling e-Waste items has become much easier recently, with many collection sites throughout Butte County. Sadly, getting your electronic items into these collection sites is only half the problem. Sometimes, the electronic waste collected by many well-intentioned (and some not so well intentioned) recyclers end up overseas in so called “e-Waste” villages, where electronic devices are sloppily dismantled to remove all valuable source materials. The remaining “junk” of the device is often burned in the open.

Perhaps the most famous e-Waste village, Guiyu, in Guangdong Province, China was once a rice farming town. Now the soil and local water supplies are so severely polluted that no food can be grown there. Electronics have been flowing into Guiyu since 1995 where they are “recycled” by both commercial operations and a multitude of enterprising individuals smelting, smashing, and burning electronics with their bare hands, literally in their backyards. Nearly 9 out of 10 workers in Guiyu suffer from some sort of neurological, respiratory or digestive condition. The situation Guiyu is extreme, but not unique. E-Waste villages are now throughout India, in parts of Africa, and scattered elsewhere across the globe. One would like to think that these things only happen in the “third world”, but disturbingly, the US is using prison labor to process e-Waste. Eleven percent of our inmate population is working to process electronics in over 100 facilities nationwide, reportedly under unsafe working conditions.

Not all e-Waste recycling programs exploit the environment and laborers. In fact as near as Sacramento, innovation is driving new methods and technologies that extract the usable materials from discarded electronics without releasing toxins into the environment. However, the research and development that drives next-generation recycling systems is costly and time consuming. Another way to extend the life of these devices and keep them out of landfill is to reuse them. What our fast-paced, progress-driven culture views as an obsolete computer can be an empowering tool for information processing and education to someone in a developing nation. A recent study in Peru showed the wide use of “obsolete” computers, largely from the US. The key is to their success: only import electronics that still work. Since no product can last forever, we must further develop green disposal and recycling techniques. Nevertheless, who will fund such a massive undertaking?

Since manufactures who made these electronic items made them to be obsolete a year after purchase, and made them from toxic materials, doesn't it make sense that they should pay for their safe disposal? The residents of New York State certainly think so. That's why they recently passed an e-Waste bill that advocates Extended Producer Responsibility (EPR). EPR is the simple notion that is someone who profits from a product that uses toxic materials should be responsible for safely breaking down that product at the end of its life cycle. Why should it be the taxpayer's responsibility to fund the disposal of items from which manufacturers usually profit a great deal? It's like having to pay for an item twice: once when you buy it and later to dispose of it. Likely, the greatest benefit of EPR programs is the creation of incentive to design products that are more recyclable in the first place. If manufactures have to pay for the clean disposal of the goods they make, you can bet they will make them as cheap and easy to recycle as possible.

So what can we ultimately do about this, right here and now?

- Always take your e-Waste a proper disposal site.
- Ask where your e-Waste is going to end up.
- Buy electronics that use a minimum of toxic materials.
- Buy electronics that bear the RoHS (Reduction of Hazardous Substances) emblem.
- Encourage your elected representatives to legislate for Extended Producer Responsibility.
- Encourage your elected representatives to outlaw the exportation of e-Waste items.



Earth Beet

What do you do that's good for the environment?

Asked at the Garden Walk Mall, Chico



Cecilia Richardson

Owner: African Connection and Cultural Crossroads

I do recycle a lot. I recycle newspapers, empty bottles from oil, salsa, anything that can be recycled, I put in the recycle bin. I hate to see newspapers and bottles in the trash bin. Sometimes my husband throws them in and I go and I pick them up, rinse them and put them in the recycle bin. I have a bag for market days. I have a Chico Bag that I use sometimes, although sometimes I forget to take it.



John Flournoy

Rancher

I recycle everything that goes through our house, cans, plastic, cardboard. I don't use any pesticides around my house. I have quite a garden every year and it's all organic. I turn my lights off whenever I leave the room, energy conscious all the time. We try to be conscious of what's going on all the time. I've got my kids all recycling, even my 23 year old son.



Richard Hull

Farmer

I'm a farmer and I put a lot of effort into making sure my chemicals do not end up in the river, in the water. I make a concerted effort to conserve energy. I unplug certain appliances that I don't need, and make sure my lights are turned off. I recycle. I compost. I have a garden every summer and use grass clippings for compost.



Christianne and Ian Langford

Teacher and son

We don't use pesticides. We do compost; we recycle cans & bottles. At school today, we had a feast and we used recyclable, compostable silverware and washable cups. We try to buy our food locally; I try to grow a lot of food. We like to ride our bikes. We try taking as many short cuts as we can with driving so we use less gas. We compost all of our leaves. Instead of buying new clothes, we try to use hand-me-downs. In the summer, we always hang-dry our laundry. In the winter, we wear sweaters in the house and don't use a lot of heat. We turn the lights off whenever we can and try not to use a lot of energy. I'm a teacher, so I try to teach my students about the importance of taking care of the environment.



Salmon Spawning in Butte Creek.

NOAA Salmon and Steelhead *Recovery Plan*

Sacramento River Winter-run Chinook Salmon, Central Valley Spring-run Chinook Salmon and Central Valley Steelhead

by Andrew Harrington

Today, California's salmon are in peril. Where Chinook and Steelhead once were widely distributed and prosperous, dams now sit making it nearly impossible for salmon to survive through the next year. Populations have been in decline since the 1960s because of the construction of dams in 95% of the historic spawning habitats. Only one out of four historic populations of winter-run, three out of 18 populations of spring-run and only a few out of the 81 populations of steelhead remain.

Recovery Strategy

- Prioritize and secure existing populations
- Reintroduction to historic habitats
- Secure existing populations by habitat restoration
- Re-establish populations by habitat expansion

Key actions for recovery are:

- Develop phased reintroduction plans for primary candidate watersheds
- Restore ecological flows throughout the Sacramento and San Joaquin River basins and the Delta
- Large Scale Delta Ecosystem Restoration
- Restore ecological habitat function and reduce non-native fish predation i.e. Striped bass
- Implement all phases of the Battle Creek Restoration Program
- Implement all phases of the San Joaquin Restoration Program
- Changes in commercial fishery management to reduce the harvest of listed salmon
- Comprehensive salmon and steelhead monitoring
- Reduce water pollution from urban and agricultural land use
- Promote and increase statewide water conservation

In order to ensure the salmon's resurgence we must take bold action and not accept incremental change. The NOAA plan seems to be somewhere in the middle and local citizens are very concerned.

The key to the success of the NOAA Recovery Plan was echoed by many local citizens: **enforcement.**

The main issue was not whether or not the plan was a good idea, but if the many agencies needed to make this plan work will actually work together. NOAA is the only agency with the power to require these agencies to comply.

Without total compliance from all agencies involved, the recovery will not be effective and can become a huge misallocation of funds. We must urge NOAA to include compliance in the final recovery plan.

Contact NOAA
National Marine Fisheries Service
650 Capitol Mall, Suite 8-300
Sacramento, CA 95814-4708
(916)930-3600

For plan outline visit: <http://swr.nmfs.noaa.gov/recovery/centralvalleyplan.htm>



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“

Fish and Game Wardens were shocked at the scale of the project which went all the way to the creek's edge. Immediately below the site in the creek was an active spring run salmon redd (nest).

”



Illegal Grading: Damages from proceeding without a permit

Another illegal grading project stopped in Butte Creek Canyon, and the infamous “Driveway to Nowhere” is up in the air

by Allen Harthorn, Executive Director, Friends of Butte Creek

Butte Creek landowner and proprietor of Centerville Estates, John Bessolo, was ordered by the Butte County Superior Court to pay \$60,000 for evaluation and remediation of a site just downstream of the Centerville Bridge and immediately above active Butte Creek salmon spawning areas. Neighbors alerted Friends of Butte Creek in August who, in turn, contacted Butte County Development Services. Butte County staff indicated no permits had been issued and headed up the Canyon to investigate. Upon first observations, Butte County staff recognized that the scale of the project clearly required permits, not only from the County but also from the Regional Water Quality Control Board as well as the Department of Fish and Game. Fish and Game Wardens were shocked at the scale of the project which went all the way to the creek's edge. Immediately below the site in the creek was an active spring run salmon redd (nest). After the first visit, a stop work order was issued. Just days later, Bessolo was observed continuing the work, clearly attempting to cover the pipes laid in a creek channel, supposedly to make the land more usable for a horse corral. A second stop work order was issued. Again, the landowner ignored the order and continued bulldozing through the Labor Day weekend. Neighbors again alerted the County; at this point the District Attorney's office got involved and asked a judge for a temporary restraining order to stop the work. Bessolo was ordered to pay \$5,000 for an evaluation of work needed to restore the site and to return to court October 15. John Lane of Chico Environmental Science and Planning recommended a restoration of the site and secured an estimate of \$55,000 from R and R Horn Construction to complete the project of removing the pipes and reestablishing the creek channel. Judge Benson ordered Bessolo to pay for the work and also refused to allow him to assist in the restoration with his own equipment. The landowner posted a bond for the cost, and work began on October 18. With heavy rain forecast for the upcoming weekend, the work was expedited and completed just in time for the storms. All the pipes, two 300 foot rows of five foot diameter concrete pipes, were removed and stored nearby. Erosion control materials and velocity reducing berms were placed in the creek channel to prevent erosion into Butte Creek. Further court actions may be forthcoming.

Meanwhile, back down Centerville Road, the infamous “Driveway to Nowhere,” is back on the County agenda. A court ordered that Butte County did not properly issue the original order to remediate the illegal grading of the driveway and will have to have another hearing on December 14. The landowner, Signalized Intersection West, is hoping to develop several parcels along Centerville Road for a private residence or two, as well as a cluster subdivision on a steep neighboring parcel. Canyon residents have been fighting to stop the development as the potential impacts to traffic, fire, and police services, water quality, water quantity and especially the Tehama Deer Herd, are extreme and would likely be impossible to mitigate in the Canyon. Residents are clearly recognizing that limiting development is the only way that they can preserve the environmental and social integrity of the jewel of Butte County, commonly referred to as the “Little Grand Canyon.” Of course the fact that the “Last Best Run of Wild Spring Run Salmon in California” is struggling to hang on in the creek, is also a clear message that we need to reduce all forms of degradation and destruction of the ecosystem that support these fish and the other species so dependent on Butte Creek and its Canyon for survival.

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Sean Hannity “exposes” Congress created dust bowl

What some powerful people are saying about California water

By Nikki Schlaishunt

On my drive back up the California valley after Thanksgiving, I noticed lots of signs about the “congress created dust bowl.” They were in the fields along Highway 5, the same route as the canal that moves water from northern California to central and southern California. When I got back, I decided to see if I could find out more so I Googled “congress created dust bowl” and found the website of *Poverty and Hunger in America* and a video clip of Shawn Hannity.

In watching the clip, it becomes clear that the complex and multi-layered issues involved in water and farming and fishing in California are being painted as black and white People vs. Fish, with people losing. For example:

- They claim that the central valley is the “...richest and most productive farm land in the nation” without talking about the amounts of petro-chemicals needed to get this sort of production, nor do they talk about the selenium toxic waste that results from mono-crop style farming of the land in the valley because it is all old seabed.
- They claim that the ruling that stopped irrigation water from being readily available for agriculture is only hurting local jobs, without acknowledging that drinking water continues to be available locally, nor do they acknowledge that the ruling was designed to protect the drinking water of 23 million people in the Bay Area.
- They claim that Congress is starving the bread basket of the world, without recognizing that California consists of a complex overlay of ecosystems and watersheds, and that we must take care of the whole if we want to be able to reap the benefits of its parts.

To check out this video clip, go to: <http://www.povertyandhunger.org/PovertyinAmerica.html>

Too often these isolated, simplistic arguments get the attention and win the hearts of the public, and too often they are the tools that rich and powerful people use to keep their money, power and resources. It is this system, this propaganda that BEC tries to take on every single day. We work to educate people about how our environment works and the value of healthy land, air and water. We work to advocate for the protection and preservation of the environment, and—as a small nonprofit with limited resources—often find ourselves up against overwhelming odds. We do this work because we know that without a healthy environment, we cannot have a healthy community.

Visit BEC at www.becnet.org or call our office for more information on how you can get involved (530-891-6424).

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The Leaf Catcher

I caught a leaf today.

*A gust of wind
shook the old oak
and blew the last few
leaves down.*

*Arms up,
hands cupped,
I ran to meet it
in mid air.*

*Green and gold,
its puzzle-shape
rested in my palm.*

*I held the morning’s wind,
the old oak’s letting go,
the season’s message
from the sky.*

I caught a leaf today.

— Karen Laslo 12/07



Bidwell Park and Chico Creek Clean-up a success!

BEC's 2010 Clean-up event removed nearly 10,000 pounds of waste from our creeks, which was made possible thanks to our many volunteers as well as our greatly appreciated sponsors. A total of 228 volunteers showed up early Saturday morning on September 18th, geared up with gloves, trash bags and "grabbers," provided to us by Harbor Freight, greatly increasing our productivity as well as decreasing our direct contact with possible health hazards.

All participants were assigned areas of Bidwell Park or areas in or around Chico's creeks. The Comanche Creek area was thoroughly picked up by two volunteer groups and a great crew from the California Conservation Corps helped with the entire clean-up. Upper and Lower Park were cleaned from top to bottom, and volunteers scoured Big and Little Chico Creeks, Sycamore Creek and Lindo Channel.

Hundreds of pounds of recyclable material and scrap metal were among the refuse picked up throughout the parks. The waste included several pieces of furniture, coolers, tires, shopping carts, children's toys, bicycle frames and even an entire dilapidated shed. Picking up all of this trash before the rains started helped to keep it from going into the Sacramento River and on into the ocean.

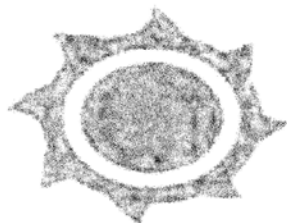
HAL LLC gave us permission to use the new site on Park Ave at 12th Street, and this worked out so well, that we hope to be able to use it again next year. We want to thank all our sponsors again, for their help and support; without them none of this could have been accomplished! Major Sponsors: Butte County Fish & Game Commission, Butte County Public Works, California Coastal Commission, Chico News & Review, Waste Management. Sponsors: Bellachino's, Big Chico Creek Watershed Alliance, Brooklyn Bridge Bagel, Works, CARD, California Conservation Corps, Ed's Printing, Friends of Bidwell Park, Harbor Freight, HAL LLC, Lifescapes, Lundberg Farms, The Shack Café, Torres Shelter, Upper Crust Bakery.



Winter Skies I

*In darkest winter,
just when we need
to see more sky,
the trees,
in unwitting kindness,
drop their leaves.*

— Karen Laslo



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A volunteer *perspective*

By Katherine Deaton

As a new intern with BEC, I've had a plethora of opportunities come my way. From an amazing birthday bash to writing articles such as these, BEC has opened many doors which I will undoubtedly choose to continue to open. In reflecting on these past few months, one experience sticks out from the rest. This year's Bidwell Park & Chico Creeks Clean-up was the most fun and rewarding experience for me this fall. I love being active as well as making a difference in my community. I feel very close to the Chico Community for a variety of reasons. Aside from living here the last five years, I'm also a Chico State student and recent Butte College transfer. Showing up early Saturday morning and seeing students from both Chico State as well as Butte College gave me an extra boost of confidence and energy. I really felt my generation has a chance to make an exciting difference in our communities as well as worldwide; opportunities such as the Park and Creek Clean-up help turn that hope into a reality for me.

The group I helped with went to Comanche Creek where we found a variety of litter throughout the length of the creek. Although there was much to do, I felt our group had a fun and exciting day filled with laughter and mysterious finds. One such find was a very large quantity of circus coupons, most of which were buried next to a tree. I would have to say the hole left after pulling out all the coupon stacks was about a foot deep and a foot and a half in length and width. I was also fortunate enough to find a piece of black plastic somewhat hidden from the eye as we took a last glance around the area before moving on. Upon closer inspection I found this small piece of black plastic to be covering at least 13 smashed up bottles of whiskey (I counted bottle necks), not only was this in need of being cleaned up, but a safety hazard to humans and animals as well!

BEC, along with much needed and much appreciated sponsors, helped ordinary people like me make a difference in my community. Chico has done much for me, as I'm sure it will continue to do so in the future. I do find community service to be a civic duty; however I volunteer more-so for the experience, the camaraderie, and the feeling of accomplishment and pride at the end of the day. I am looking forward to seeing returning, as well as new, faces next year as I'm sure the Park and Creek Clean-up 2011 will be an even bigger success. It is, after all, up to ordinary people like you and me doing extraordinary things for Chico.

**Complicated problem:
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| CRV | \$ | \$ | ◆ | | ◆ | \$ | \$ | | ◆ | \$ | \$ | | ◆ | \$ | | \$ | \$ | \$ | ◆ | \$ |
| Glass | ◆ | | ◆ | | ◆ | \$ | ◆ | | | ◆ | \$ | | ◆ | ◆ | | ◆ | ◆ | | ◆ | |
| Metal | | | | | | | | | | | | | | | | | | | | |
| Bi-metal cans | | | ◆ | | | ◆ | ◆ | | | ◆ | | | ◆ | ◆ | | ◆ | ◆ | | ◆ | |
| Tin cans | | | ◆ | | | ◆ | ◆ | | | ◆ | | ◆ | ◆ | ◆ | | ◆ | ◆ | | ◆ | |
| Aluminum foil/ pie pans | | \$ | ◆ | | ◆ | ◆ | ◆ | | | ◆ | | | | | | ◆ | | | | |
| Scrap metals | | \$ | | | | \$ | | | | | \$ | F | | | | ◆ | | | | |
| Plastics | | | | | | | | | | | | | | | | | | | | |
| #1 Plastic | ◆ | \$ | ◆ | | ◆ | ◆ | ◆ | | ◆ | ◆ | \$ | ◆ | ◆ | ◆ | | ◆ | ◆ | | ◆ | |
| #2 Plastic | ◆ | \$ | ◆ | | ◆ | ◆ | ◆ | | | ◆ | \$ | ◆ | ◆ | ◆ | | ◆ | ◆ | | ◆ | |
| #3-7 Plastic | ◆ | \$ | ◆ | | | ◆ | ◆ | | | ◆ | \$ | ◆ | ◆ | ◆ | | ◆ | ◆ | | | |
| Paper | | | | | | | | | | | | | | | | | | | | |
| Newspaper | | | ◆ | | ◆ | ◆ | ◆ | | | ◆ | | ◆ | ◆ | ◆ | | ◆ | ◆ | | ◆ | |
| Magazines | | | ◆ | | ◆ | | ◆ | | | ◆ | | ◆ | ◆ | ◆ | | ◆ | ◆ | | ◆ | |
| Phone books | | | ◆ | | ◆ | | ◆ | | ◆ | ◆ | | ◆ | ◆ | ◆ | | ◆ | ◆ | | ◆ | |
| Cardboard | | | ◆ | | ◆ | ◆ | ◆ | | | ◆ | | ◆ | ◆ | ◆ | | ◆ | ◆ | | ◆ | |
| Mixed paper | | | ◆ | | ◆ | | ◆ | | | ◆ | | ◆ | ◆ | ◆ | | ◆ | ◆ | | ◆ | |
| Ledger paper | | | ◆ | | ◆ | | | | | ◆ | | ◆ | ◆ | ◆ | | ◆ | ◆ | | ◆ | |
| Hazardous Waste | | | | | | | | | | | | | | | | | | | | |
| Alkaline batteries | | | | | | | | ◆ | ◆ | | | | | ◆ | | ◆ | | | | |
| Car batteries | | \$ | | | | \$ | ◆ | ◆ | | | \$ | ◆ | ◆ | ◆ | | ◆ | | | | |
| Paint | | | | | | | | ◆ | | | | | | ◆ | ◆ | ◆ | | | | |
| Pesticides | | | | | | | | ◆ | | | | | | ◆ | | ◆ | | | | |
| Fluorescent lights & ballasts | | | | | | | | ◆ | | | | ◆ | | ◆ | | ◆ | | | | |
| Used motor oil | | | | | | | ◆ | ◆ | | | | ◆ | ◆ | ◆ | ◆ | ◆ | \$ | | | |
| Anti-freeze | | | | | | | | ◆ | | | | | | ◆ | ◆ | ◆ | | | | |
| Miscellaneous | | | | | | | | | | | | | | | | | | | | |
| Appliances (no freon) | | ◆ | | | | F | | ◆ | | | | F | | | F | | | | | |
| Appliances (with freon) | | | | | | | | | | | | F | | F | | | | | | |
| Cars | | ◆ | | | | ◆ | | | | | | | | F | | | | | | |
| Yard waste | | | | | | | ◆ | | | | | ◆ | ◆ | | ◆ | ◆ | | | | ◆ |
| Ewaste | | | | | | | | ◆ | | | | ◆ | | ◆ | ◆ | ◆ | | | | |

- ◆ Accepts recyclables listed
- \$ Cash paid for recyclables listed
- F Fee charged to accept recyclables listed

1) NEXCycle Recycling Centers
In Chico 800-883-2274
Safeway 1596 Hwy 99, Gridley, 846-3762
Safeway 1016 W. Sac. Ave, Chico
Safeway 960 Mangrove Ave, Chico
Safeway 6020 Clark Rd, Paradise, 877-7001
Raleys 211 W East Ave, Chico

2) Aldred Scraps Metals / Steel Mill Recyclers
786 Oroville-Chico hwy, Durham, 342-4930
M-F, 7:30-4

3) AS Chico Recycling Saturday Donation Center
417 Cherry St. Chico, 898-5033, Sa.10-2:30
www.csuchico.edu/as/recycle

4) City of Chico Composting Facility (near Chico airport) 4441 Cohasset Rd, T-Sa 8-4, 624-3529

5) California Vocations (COVE)
Buy-back center Stratton Market Parking lot
Paradise, 877-0937, T-Sa, 9-4

6) Chico Scrap Metal, Chico Scrap Metal South & Nor-Cal Recyclers
878 E. 20th St, Chico, 343-7166, M-F 8-12, 1-4, Sa 8-12; 766 Oro-Chico Hwy, Durham 345-6241, M-F 8-4; 1855 Kusel Rd., Oroville, 532-0262, M-F 8-4, Sa 8-12

7) Chico Transfer & Recycling - Waste Management
2569 Scott Ave, Chico, 893-0333. M-F 8-4.

8) Butte Regional Household Hazardous Waste Facility (NRCES)
1101 Marauder St. (at Chico Airport) 343-5488. Fri. 9-1, Sa. 9-4. Free to Butte county residents.

9) Country Roads Disposal
Curbside recycling in Bangor, Berry Creek, Feather Falls & Palermo, 589-3680, M-F 8-5

10) Fair St. Recycling- Work Training Center
2300 Fair Street, Chico. 343-8641
M-F 8-4, Sa 8- 3:30. www.wtcinc.org

11) Joe Verni Recycling
4980 Lincoln Blvd, Oroville, 534-7402
T-F 9-3:30, Sa 9-1

12) Neal Road Recycling & Waste Facility
879-2350, Toll-free # 866.369. DUMP.
http://www.buttecounty.net/publicworks

13) Recology Waste Curbside Recycling 342-4444

14) Recology Oroville Recycling Center & Household Hazardous Waste
2720 S. 5th Ave. Oroville, 533-5868: Recycling Center M-Sa 8:30-3:30; Hazardous Waste 1st Friday of month: 9 to 2, and 3rd Friday of month: 9 to 2. Free to City of Oroville residents. 1-866-HAZCAIT (429-2288)

15) Ord Ranch Transfer Station & Gridley Household hazardous Waste Recycling
Ord Ranch Road, Gridley, 846-0810; Transfer Station Sa-Su 9-4: Hazardous Waste, 2nd Sunday of month, Gridley residents only 9-4

16) Northern Recycling & Waste Services (NRWS)
920 American Way, Paradise CA 95969.
876.3340, M-F 8- 5, www.paradiserecycle.com

17) Recycle Paradise Holiday Market
14001 Lakeridge Cir, Magalia 879-2352

18) rePlanet Recycling
Save Mart 6646 Clark Rd, Paradise; Holiday Quality Foods, 14001 Lakeridge Cir, Magalia; Collins & Denny Mkt. 434 Plumas Ave, Oroville; Oaks Shopping Ctr 5250 Olive Hwy, Oroville.

19) Waste Management-North Valley Disposal
Curbside recycling in Chico 893-4777, Biggs, Durham (by Appt), & Gridley 846-0810
www.wm.com

20) Earthworm Soil Factory
704 Neal Rd, 895-9676
www.earthwormsoilfactory.com

ADDITIONAL RESOURCES: www.recyclebutte.net

Calendar

On-going events

Chico Farmer's Markets:

Tuesday – Enloe Farmers Market

June – September, 2PM-6PM, 1528 Esplanade

Wednesday – North Valley Plaza Farmers Market

June – October, 7:30AM-noon, East Ave & Pilsbury

Friday – Dorothy F Johnson Pavillion Farmers Market

Year-round, 3 hours before sunset. 16th & C Sts in Chico.

Accepts EBT SNAP cards. <http://www.cchaos.org>

Saturday Farmers Market:

Year-round, 2nd & Wall, Downtown Chico 7:30am-

1:00pm, Rain or Shine. <http://northvalley.net/farmersmarket/>

Saturday & Sunday – Butte College Chico Center

Farmers Market

April – October, 9AM-2PM, 2320 Forest Ave

Oroville Farmers Markets:

Wednesday – Oroville Hospital's Community

Farmers Market

May – August, 11AM-5PM, 2767 Olive Hwy

Thursday – Fire House Farmers Market

Year-round, 11AM-3PM, 3515 Meyers St.

Friday – Thermalito Grange Farmer's Market

Year-round, 4PM-8PM, 479 Plumas Ave & 5th St.

Paradise Farmers Market:

Tuesday – Paradise Street Fair & Farmers Market

June-October, 7:30AM-Noon, 6491 Clark Rd.

(Paradise Alliance Church parking lot)

Gridley Farmers Market:

Tuesday – Gridley Farmers Market

May – September, 5PM-8PM, 1628 Hwy 99 (ACE

Hardware parking lot).

Tuesday Volleyball

Join Yahi Group members and friends for friendly, co-ed volleyball every Tuesday night at 7PM at the Chapman Center (corner of E. 16th Street and B Street in Chico). Cost: \$4 per night. For those at the intermediate level with some volleyball experience. For more information, call Karen, 899-8305 or Betty, 345-7205.

City of Chico Sustainability Task Force Meeting

Meets the 1st Monday of the month, at the City Council Chambers, unless canceled.

http://www.chico.ca.us/government/minutes_agendas/sustainability_task_force.asp

Meeting dates can be confirmed by calling the General Services Department at 896-7800.

Ecotopia

Tuesdays 6 - 7pm, KZFR 90.1 FM Chico

Each week Ecotopia explores a topic on a concern that relates to a more sustainable world, and we tie together diverse concerns from science, technology, and society.

Sustainability Radio Show on KCSC

Tuesdays from 6 - 7pm you can hear the sustainability hour radio show. Tune in to learn all about sustainability efforts on campus and in the Chico area. Music, interviews, and informative discussions. <http://www.aschico.com/KCSC>.

Saturday, December 18th – Cross Country Ski Outing (grade 2, class B) An easy, early season ski at either McGowan or Colby Meadows XC Ski Areas, depending on where the snow is best. Bring skis, boots, poles, water, appropriate clothing, \$ for drivers and a trail lunch. Meet at the Chico Park & Ride at 8:30 a.m. Please contact leader to confirm your intent to participate and to get further information. Leader: Ken, 693-2134, or katter@cncnet.com.

Sunday, December 26th - Cross Country Ski Outing

(grade 1, class A). An easy ski tour for all levels. Bring ski gear, lunch, water, appropriate clothing and \$\$ for drivers. Call leader for meeting time and place. Leader: Larry, 342-7998.

Saturday, January 1st - New Years Bidwell Park Hike

(grade 1, class A) What a way to start the new year!

We will meet at the 5 Mile parking lot, the side that is paved, at 10 A.M. If it's not raining or very muddy, we will hike up through the golf course to the Yahi trail and up to watch Chico Creek rushing through the summer's calm swimming holes. If the weather is not cooperative we will do a loop down through the 1 Mile area. This trip is a rain or shine event. Bring water, a snack or lunch, and clothing, appropriate for the weather. Leader John 872-8258, asst. leader Jeanne 899-9980.

Saturday, January 1st - Annual Polar Bear Swim

across Lower Bidwell Park's Sycamore Pool Map starting at 1 pm. This is a no-host event -- you just show up at the appropriate time. New Year's Day Upper Bidwell Park Banana Belt Hike to view early spring flowers and the last of the fall flowers. Sponsored by the California Native Plant Society Mt. Lassen Chapter. Meet at 10 am at Parking Area E Map. Bring lunch and water.

Saturday, January 8th - Cross Country Ski Outing

Beginner Lessons (grade 1, class A). This is for both those new to the sport and those needing to sharpen rusty skills. We will head up to nearby Colby Meadows (Butte Meadows). Bring skis, boots, poles, water, appropriate clothing, \$ for drivers and a trail lunch. Meet at the Chico Park & Ride at 9:00 a.m. Please contact leader to confirm your intent to participate and to get further information. Leader: Ken, 693-2134, or katter@cncnet.com.

Sunday, January 9th - Chico Bike Ride Loop

(grade 2, class A) Ride beside the Western Pacific Train tracks and CSUC campus. After lunch downtown, we'll check out some campus neighborhoods and Mechoopda Cemetery. Meet at 10AM at West Lindo Avenue and RR tracks. Park on street. Helmets required and bring water and lunch money. Rain cancels. Leader: Gene, 873-1552: Asst. Leader: Carla, 891-6977.

Friday-Sunday, January 14th-16th - Wild & Scenic

Environmental Film Festival at several historic venues in Nevada City. More information at: www.wildandscenicfilmfestival.org/

Saturday, January 15th - Workshop: Care of Trees in the Landscape

by Denice Britton. For more information contact: Friends of Chico State Herbarium, 898-6121, www.csuchico.edu/biol/Herb/Friends.html



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Sunday, January 16th - Organic Gardening Class series. 1:30pm – 3:30pm at the Chico Grange Hall. Whether you are a novice or have gardened for many years, you will enjoy the presentations from experts in growing delicious and beautiful vegetables, fruits, eggs, and more. <http://valleyoakmagazine.com/>

Saturday, January 22nd - Butte Environmental Council's Membership Meeting & Potluck 10AM-Noon. Members are invited to join BEC staff & Board to discuss accomplishments of the past and visions for the future. Location TBA. Call BEC 891.6424 for more info.

Saturday, January 22nd - Cross Country Ski Outing (grade 2, class B). We will explore some of the lesser known trails of the McGowan XC Ski Area at Lassen. This is for those who own their own equipment. Bring skis, boots, poles, water, appropriate clothing, \$ for drivers and a trail lunch. Meet at the Chico Park & Ride at 8:00 a.m. Please contact leader to confirm your intent to participate and to get further information. Leader: Ken, 693-2134, or katter@cncnet.com.

Sunday, January 23rd - Organic Gardening Class series. 1:30pm – 3:30pm at the Chico Grange Hall. Whether you are a novice or have gardened for many years, you will enjoy the presentations from experts in growing delicious and beautiful vegetables, fruits, eggs, and more. <http://valleyoakmagazine.com/>

Thursday, January 27th-30th - 12th Annual Snow Goose Film Festival
For further information or to register please visit <http://snowgoosefestival.org/> or call 530-345-1865.

Saturday, January 29th - Cross Country Ski Outing (grade 2, class B). We'll go where the snow is good. This is for people who own ski equipment. Bring ski gear, lunch, water, appropriate clothing and \$\$ for drivers. Call leader for meeting time and place. Leader: Larry, 342-7998.

Sunday, January 30th - Organic Gardening Class series. 1:30pm – 3:30pm at the Chico Grange Hall. Whether you are a novice or have gardened for many years, you will enjoy the presentations from experts in growing delicious and beautiful vegetables, fruits, eggs, and more. <http://valleyoakmagazine.com/>

Monday, January 31st - Sustainability Involvement Fair 5pm-7pm BMU 210 on the CSUC Campus. Want to get involved and help the planet? Make friends while making a difference on campus. Representatives from all the sustainability-related student organizations, clubs, and programs on campus will be recruiting new members.

Saturday, February 5th - Almond Blossoms in the Orchards Bike Ride. A flat leisurely 15 mile ride through orchards and pastures on quiet country roads to Durham Park for lunch, then return to Chico on the Durham Bike Path. Meet at 10AM at the Glen Oaks Memorial Park Cemetery office, Hegan Lane and the Midway. Bring water and a lunch (or buy one at the Durham Market). Helmets required. Rain cancels. Leader: Carla, 891-6977; Asst. Leader: Gene, 873-1552.

Saturday, February 5th - Cross Country Ski Lessons This is for beginners and intermediates who want to improve their ski technique and fitness. Call for info on ski rentals, clothing and to make reservations. Leader: Larry, 342-7998; Asst. Leader: Ken, 693-2134.

Sunday, February 6th - Organic Gardening Class series. 1:30pm – 3:30pm at the Chico Grange Hall. Whether you are a novice or have gardened for many years, you will enjoy the presentations from experts in growing delicious and beautiful vegetables, fruits, eggs, and more. <http://valleyoakmagazine.com/>

Saturday, February 12th - Cross-Country Ski Outing (grade 2, class B). Explore some of the less used ski trails at Colby Meadows. Bring skis, boots, poles, water, appropriate clothing, \$ for drivers and a trail lunch. Meet at the Chico Park & Ride at 9:00 a.m. Please contact leader to confirm your intent to participate and to get further information. Leader: Ken, 693-2134, or katter@cncnet.com.

Saturday, February 19th - Cross-Country Ski Outing (grade 2, class C). Heart Lake Wilderness (Lassen). Come do a little off-trail exploration of this pristine area. This is for people who own their own equipment and can handle gentle hills. Please contact leader to confirm your intent to participate and to get further information. Leader: Ken, 693-2134, or katter@cncnet.com.

Saturday, February 26th - Green Gate to 5 Mile Shuttle Hike (grade 2, class B) Don't be afraid of the elevation change, about 1000 feet, because the cars will do almost all of the climbing. We will meet at the 5 Mile parking area, paved side, at 9:00 A.M. We will leave some cars there and do a shuttle, driving everyone up to the green gate. We will hike down through the foothill pines and blue oaks to the gorgeous views of Chico Creek's south side. We'll catch some of the early wildflowers and overwintering song birds. Bring water, lunch, and clothing, appropriate for the weather. Heavy rain cancels. Sprinkles make it exciting. Leader Jeanne 899-9980, asst. leader John 872-8258.

Sunday, February 27th - Cross Country Ski Outing (grade 2, class B). We'll go where the snow is good. This is for people who own ski equipment. Bring ski gear, lunch, water, appropriate clothing and \$\$ for drivers. Call leader for meeting time and place. Leader: Larry, 342-7998.

March 5th, 2011 - Workshop: Plant Photography with Ernesto Sandoval. For more information contact: Friends of Chico State Herbarium, 530-898-6121, www.csuchico.edu/biol/Herb/Friends.html

April 16th, 2011 - Workshop: Botanical Illustration with Judy McCrary. For more information contact: Friends of Chico State Herbarium, 530-898-6121, www.csuchico.edu/biol/Herb/Friends.html



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birdtours@altacal.org
www.altacal.org

American Lung Association
10 Landing Circle, Ste 1
Chico, CA 95926
530.345.5864, Fax: 530.345.6035
www.californialung.org
nvr@northvalleyregion.org

AquAlliance
PO Box 4024, Chico, CA 95927
530.895.9H20
www.aqualliance.org
info@aqualliance.org

Arboretum Management Club, CSUC
Big Chico Creek Restoration
First & Normal Sts., Chico, CA 95929
www.csuchico.edu/amc
pmaslin@csuchico.edu

AS Chico Recycling - Saturday Donation Center
Drop off center: 417 Cherry St., Chico
530.898.5033, Fax: 530.898.6782
www.aschico.com/recycle
asrecycle@csuchico.edu

A.S. Environmental Affairs Council
BMU 203, CSU Chico, Chico, CA 95929
530.898.5701 or 530.218.5820
Fax: 530.898.6014
www.csuchico.edu/eac
asenvironmental@csuchico.edu

Barber Neighborhood Association
(Southwest Chico neighborhood)
barberneighbors@yahoo.com

Barry R. Kirshner Wildlife Foundation
P.O. Box 841, Durham, CA 95938
530.345.1700
admin@kirshner.org
www.kirshner.org

Bidwell Park Endowment Fund
PO Box 3223, Chico, CA 95927-3223
530.345.7265, ptombarratt@sbcglobal.net

Bidwell Wildlife Rehabilitation Center
PO Box 4005, Chico, CA 95927
530.343.9004 (Wildlife Help Phone)

Big Chico Creek Watershed Alliance
PO Box 461, Chico, CA 95927
530.892.2196, www.bigchicocreek.org
coordinator@bigchicocreek.org

Butte Creek Watershed Conservancy
PO Box 1611, Chico, CA 95927
530.893.5399, Fax: 530.893.0694
www.buttecreekwatershed.org
creek@buttecreekwatershed.org

Butte Environmental Council, Inc.
116 W. 2nd St. Ste 3, Chico, CA 95928
530.891.6424, Fax: 530.891.6426
www.becnet.org, staff@becnet.org

Butte Humane Society
2579 Fair St., Chico, CA 95928
530.343.7917, Fax: 530.343.3734
www.buttehumane.org
shelter@buttehumane.org

California Conservation Corps
2725 Hwy 32, Ste F Chico, CA 95973
530.894.0495, www.ccc.ca.gov

California Native Plant Society
2707 K Street, Suite 1
Sacramento, CA 95816
916.447.2677, Fax: 916.447.2727
cnps@cnps.org, www.cnps.org

California Native Plant Society
Mt Lassen Chapter
PO Box 3212, Chico, CA 95927
530.343.8240
wyethia@earthlink.net

California Wildlife Foundation/California Oak
428 13th St. Ste. 10A
Oakland, CA 94612
510.763.0282, Fax: 510.208.4435
www.californiaoaks.org
oakstaff@californiaoaks.org

California Sportfishing Protection Alliance
1316 Neilson St., Berkeley, CA 94702
510.526.4049; jbeuttler@aol.com
www.calsport.org

California Wilderness Coalition
1212 Broadway, Ste. 1700
Oakland, CA 94612
510.451.1450, Fax: 510.451.1445

CARE (Chico Advocates for a Responsible Economy)
PO Box 7647, Chico 95927
www.chicocares.org, info@chicocares.org

Chapman-Mulberry Neighborhood Organization
C/O Supervisor Jane Dolan
District 2, Butte County
196 Memorial Way, Chico, CA 95926
530.891.2830, F: 530.879.2479
Jdolan@buttecounty.net

Cherokee Preservation Society
530.534.0400, Fax: 530.534.0400

Chico Avenues Neighborhood Association
PO Box 4510, Chico, CA 95927
www.chicoavenues.org, chicoavenues@gmail.com,
chicoavenues@sbcglobal.net

Chico Certified Farmer's Market
305 Wall St., Chico, CA 95928
530.893.3276, Karrottalk@aol.com
Terry Givens, Market Manager

Chico Creek Nature Center
1968 E. 8th St., Chico, California 95928
530.891.4671, Fax: 530.891.0837
www.chico.com/naturecenter, naturecenter@chico.com

ChicoEco
379 E 10th Ave, Chico
530.892.1227, www.chicoeco.org
nanibay@hotmail.com

Chico Food Not Bombs
chicofnb@gmail.com
(530) 893-5772
Chico Grange
2775 Nord Ave., Chico, CA 95926
530.895.1817
www.chicogrange.org

Chico Greenline Coalition
PO Box 3524, Chico, CA 95927
www.chicogreenline.com
info@chicogreenline.com

Chico Natural Foods Coop
818 Main St., Chico, CA 95928
530.891.1713, www.chiconatural.com

Chico Peace and Justice Center
526 Broadway, Chico, CA 95928
530.893.9078, www.chico-peace.org
chico-peace@sbcglobal.net

Chico Tree Enhancement & Education Program
PO Box 68, Forest Ranch, CA 95942
530.895.0866 *2, roger@streaminders.org

Chico U-Lock-It Storage
E-Waste Recycle Center
1909 Dr. Martin Luther King Jr. Pkwy.
Chico, CA 95928
www.chicoulokit.com/E-Waste.html
chicoulokit@sbcglobal.net

Chico Velo Cycling Club
PO Box 2285, Chico, CA 95927
530.343.8356, Fax: 530.342.4646
800.482.2453, www.chicovelo.org
ed@chicovelo.org

Community Action Volunteers in Education (CAVE)
BMU 309, 3rd Floor, CSU Chico, Chico, CA 95929
530.898.5817, Fax: 530.898.6431
caveclerical@csuchico.edu, www.aschico.com/cave

CLIC Community Legal Information Center, CSUC
Environmental Advocates
25 Main Street Ste. 102
Chico, CA 95929-0190,
530.898.4354, Fax: 530.898.4911
www.csuchico.edu/clic/ea
clic@csuchico.edu

Environmental Action & Resource Center
CSU Chico, BMU 301, Chico, CA 95929
530.898.5676, Fax: 530.898.6782
www.csuchico.edu/earc
earc@csuchico.edu

Environmental Water Caucus (EWC)
319 Lenox St., Oakland, CA 94610
Land: 510.893.1330; Cell: 510.693.4979
Fax: 510.893.1331; www.ewccalifornia.org
dnesmith@ewccalifornia.org

Farm Sanctuary
PO Box 1065, Orland, CA 95963
530.865.4617, Fax: 530.865.4622
www.farmsanctuary.org
info@farmsanctuary.org

Flying Mammal Rescue of California
916.838.7002
admin@flyingmammalrescue.org
www.flyingmammalrescue.org

Friends of Bidwell Park
PO Box 3036, Chico, CA 95927
530.892.1666
www.friendsofbidwellpark.org
info@friendsofbidwellpark.org

Friends of Butte Creek
PO Box 3305, Chico, CA 95928
530.893.0360 Allen Harthorn
Executive Director 530.228.5342
friends@buttecreek.org
www.buttecreek.org

Friends of the Biological Sciences Herbarium
CSU Chico, Chico, CA 95929
530.898.5381, ljaneway@csuchico.edu
www.csuchico.edu/biol/Herb/Friends.html

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Friends of the River

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www.friendsoftheriver.org
info@friendsoftheriver.org
916.442.3155, Fax: 916.442.3396

GRUB (Growing Resourcefully United Bellies)

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srwilliams@holymonkey.com
www.grubchico.org

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Mail: PO Box 3073, Chico CA 95927
530.343.7423, www.buttehabitat.org
tritter@buttehabitat.org

Humanity Rising

P.O. Box 528 Chico Ca 95927
530.899.7719

Institute for Sustainable Development

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530.898.3333, Fax: 898.3336
sustainability@csuchico.edu
http://www.csuchico.edu/sustainablefuture/

Kids & Creeks

PO Box 3271, Chico, CA 95927
530.895.1749, contact@kidsandcreeks.org
www.kidsandcreeks.org

KZFR

341 Boradway St Ste 411, Chico, CA 95927
530.895.0706, Fax: 530.895.0775
Studio: 530.895.0131, On Air: 530.895.0167
www.kzfr.org, G.M.: gm@kzfr.org

Lassen Forest Preservation Group

1540 Vilas Road, Cohasset, CA 95973
530.342.1641

Little Chico Creek Watershed Group

379 E 10th Ave, Chico, CA 95926
530.892.1227; nanibay@hotmail.com

Middle Mountain Foundation

PO Box 3359, Yuba City, CA 95992-3359
530.671.6116, www.middlemountain.org
middlesmountain@yahoo.com

Mill Creek Watershed Conservancy

40652 Hwy 36 East, Mill Creek, CA 96061
Phone & Fax: 530.595.4470
milcrk1@aol.com

Neighbors for Environmental & Fiscal Responsibility (NEFR)

PO Box 4512, Chico, CA 95927-4512

Northern California Regional Land Trust

167 E. Third Ave, Chico, CA 95926
530.894.7738, Fax: 530.894.7738
www.landconservation.org
jwatts@landconservation

Paws of Chico

PO Box 93, Chico, CA 95927
530.895.2109, chicanospayneuter@gmail.com
www.chicanospayneuter.org

Plumas Forest Project

PO Box 11, Blairsden, CA 96103
530.836.0461, John Preschutti
jpreschutti@directorypath.net

River Partners

580 Vallombrosa Ave, Chico, CA 95926
Mona Cross, Executive Assistant
530.894.5401 ext 223
www.riverpartners.org
info@riverpartners.org

Sacramento River Preservation Trust

631 Flume St., Box 5366, Chico 95927
530.345.1865, Fax: 530.899.5105
www.sacriverttrust.org
jmerz@sacriverttrust.org

Sacramento River Watershed Program

PO Box 188585, Sacramento, CA 95818
916.549.4017, www.sacrivert.org marylee@sacrivert.org
Watershed Resource Specialist, Sara Martin
sara@sacrivert.org Monitoring Coordinator Kathy Russick
kathy@sacrivert.org

Shady Creek Outdoor School

(formerly known as Woodleaf Outdoor School)
530.822.2948b 530.292.3436, georges@sutter.k12.ca.us
www.shadycreek.org

Sierra Club, Yahi Group

Mother Lode Chapter, Sierra Club
801 K Street, Suite 2700
Sacramento, CA 95814 phone: 916.557.1100 ext .119 fax:
916.557.9669 www.motherlode.sierraclub.org/yahi

Sierra Forest Legacy

915 20th St., Sacramento, CA 95811
916.442.3155 x207, Fax: 916.442.3396
craig@sierraforestlegacy.org

South Chico Neighborhood Association

PO Box 3582, Chico, CA 95927
guzzettidavid@yahoo.com

Southwest Chico Neighborhood Association

www.swchicoe.org, swcna@swchicoe.org

South Campus Neighborhood Council

Attn: Charlie Pruesser
1405 W 3rd St, Chico, CA 95928

Streaminders

PO Box 68, Forest Ranch, CA 95942
530.895.0866, roger@streaminders.org
www.streaminders.org

The Cause

530.895.8852
www.bethecause.org

The Bidwell Ranch Conservancy

Chico, CA, 530.345.7205

The Esplanade League

PO Box 4868, Chico, CA 95927
www.esplanadeleague.org
eleague@shocking.com

The Nature Conservancy

Northern Central Valley
500 Main St., Ste. B, Chico, CA 95928
530.897.6370, Fax: 530.342.0257
www.nature.org

Torres Community Shelter

101 Silver Dollar Way, Chico 95928
530.891.9048, www.chicoshelter.org
louise@digitalpath.net

Trout Unlimited

1808 B 5th St., Berkeley, CA 94710
510.528.4164, www.tu.org

Upper Ridge Wilderness Areas, Inc

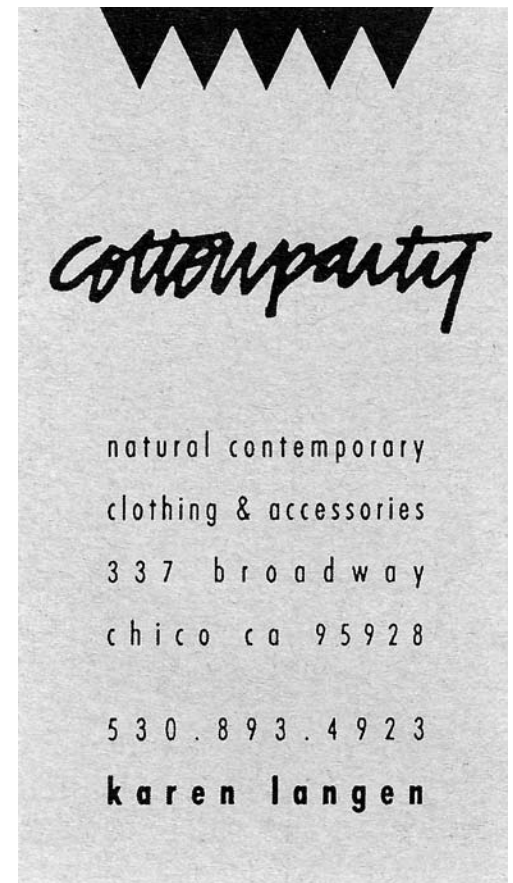
PO Box 154, Magalia, CA 95954
530.873.6396, magahoff@aol.com

Valley Water Protection Association

7399 Hwy. 99, Oroville, CA 95965
530.343.0916, colewaterinfo@yahoo.com

Vallombrosa Avenue Neighborhood Association

2096 Vallombrosa Ave, Chico, CA 95926



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