

Environmental News

Critical Habitat Hatchet Job

15 Vernal Pools Species Caught in Political Quagmire

The Bush Administration’s blatant disregard for biology and science is exhibited in the final rule for critical habitat for 15 vernal pool species. The rule, intended to assist in the recovery of 15 threatened and endangered species dependent on the vernal pool landscape, was radically altered at the 11th hour due to “comments and recommendations” received the day before the rule was submitted under court order (Sansonetti et al July 15, 2003). Five counties that are pivotal to the viability of the threatened and endangered species were removed from the final rule by the political apparatus in the Department of the Interior. The proposed rule included almost 1.7 million acres. That was altered to 1.1 million acres in the final rule that left Sacramento June 25, 2003 (Sansonetti et al July 3, 2003) and is the number printed in today’s federal register though that number has actually been whittled down in Washington to 740,000 acres with the exclusion of the five counties (Nickels August 6, 2003).

The machinations of the Bush gang in Interior illustrate again this administration’s propensity to hide the truth and undermine the facts that are presented to them by professionals (e.g. Klamath salmon kill (9/02), altering data regarding the effects of oil drilling on caribou in the Arctic National Wildlife Refuge (10/01), a Forest Service plan would triple logging limits in Sierra Nevada (06/03), etc.). Craig Manson, Assistant Secretary for Fish and Wildlife and Parks and signatory to the rule, has betrayed his office by tailoring the critical habitat rule to reflect the agenda of his political masters, rather than the voluminous analysis of his staff.

This administration has a very

different philosophy than previous Republican administrations. For example, President Teddy Roosevelt’s vision was that, “Every man holds his property subject to the general right of the community to regulate its use to whatever degree the public welfare may require it.” When President Nixon signed the ESA on December 28, 1973 he stated, “Nothing is more priceless and more worthy of preservation than the rich array of animal life with which our country has been blessed.”

Butte Environmental Council will pursue an appeal at the earliest possible date.

The federal register publication of the final rule is found at: <http://a257.g.akamaitech.net/7/257/2422/14mar20010800/edocket.access.gpo.gov/2003/03-18437.htm>

Dump Saga Continues

Phased Cleanup Encouraged

The Humboldt Road Burn Dump (HRBD) is the largest burn dump of its kind in the State of California. It operated under multiple owners for over 70 years and left a highly toxic legacy. The City of Chico and some landowners have been pursuing a cleanup of the site for two decades. The contaminated soil holds frightening materials such as lead, dioxin, arsenic, and much more, yet the research completed by the City’s consultants and approved by state agencies indicates there is minimal risk as the site exists today. What is alarming and risky is that developers want to build homes on part of it and that the cleanup itself could pose a health threat to local residents and school children.

In light of the serious nature of the toxics on the 157-acre site and the hazards a cleanup to residential standards might be to present and future residents, Butte Environmental Council (BEC) suggested that the City form a public advisory group to investigate the issue. Eleven community members met 12 times in a six-month period to review the

options for cleanup presented in the Feasibility Study, applicable laws, cleanup options not considered, and human and environmental health issues. In the end, there was a majority report that was signed by the seven members representing BEC, California Park, Hank Marsh Jr. High PTO, landowner Johnson, and Stilson Canyon. The majority recommended a phased approach that will meet state requirements while acting proactively to limit risks to current and future residents and the environment. Two landowners, Fogarty and Drake, were joined by the Baldwin Construction representative in a minority report that supported the City’s cleanup to residential standards: alternative 3.

The City has concentrated on alternative 3, a major project that would move 150,000 cubic yards of soil, sediment, and waste onto 250,000 cubic yards of the same material and turn it into a 20-acre mound with a cap. At the end of remediation, “the remaining 130 acres will be available for unrestricted land use” (Health Risk Assessment ES-1). An HRA is used to analyze the risks from cleanup options.

This cleanup option is larger than it needs to be to protect human health and the environment and has associated dangers. As indicated in the above quote, the driving goal that dictates the cleanup type is “unrestricted land use.” Without this goal, future residents would not be placed at risk. Under current land use, trespasser exposure is the concern that is analyzed in the Baseline Risk Assessment (BRA), which is used to expose the risks to human health and the environment from a site in its current state. The HRBD BRA was written by the City’s consultants and approved by the regulatory agencies. While the BRA documented some trespassing on the site in the past 4 years, only nine instances were believed to have occurred: hardly a threat of significant magnitude. An \$8 million capped mound that moves 150,000 cubic yards of waste is not necessary to protect the errant trespasser. Adequate fencing, signs, and monitoring could cure that easily. For example, state agencies failed to require fencing and signs for the stock pond levee on Stilson Canyon Road in 1992, as it did for a large portion of the dump. When children were observed eating lunch and playing on it in 2000, BEC requested that the state require fencing and signs for this site to protect



Vernal pools in southeast Chico removed from critical habitat designation.

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Environmental News

Summer 2003

Environmental News, a quarterly published paper, covers all environmental news and events of Butte County. To submit articles or events for the Environmental Calendar, e-mail Sharon Fritsch at slaf@pacbell.net. All articles submitted to the Environmental News should be sent via e-mail to slaf@pacbell.net. Articles should be submitted 30 days before publication. All submissions must include the author's name, address, and telephone number. BEC reserves the right to edit all work for reasons of space, clarity or libel. The opinion expressed by article contributors are not necessarily those of BEC. Photos and art work will be returned if requested. Please include an SASE.

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The Environmental News team:
Sharon Fritsch and Barbara Vlamis

BEC

The Butte Environmental Council (BEC) is a non-profit corporation. Founded in 1975, BEC is devoted to environmental education and information, referral services, and advocacy.

BEC is located at
116 W. Second St., #3, Chico, CA 95928
(530) 891-6424

BEC is open Monday through Thursday:
9:30 am to 5:00

How to Join BEC

To join BEC, just fill out the membership form on the back page of this paper. Yearly memberships are:

\$20	Low income	\$100	Wetlands Watch
\$35	Individual	\$150	Energy Elite
\$60	Household	\$500	Cougar Cadre

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FALL CLEANUP
BIDWELL PARK & CREEKS OF CHICO

The Fall Bidwell Park and Creeks of Chico Cleanup 2003 will be held Saturday, September 20th at 9 a.m. The Cleanup will focus on heavily impacted areas of Bidwell Park, Lindo Channel, Big Chico Creek, Little Chico Creek, and Comanche Creek. This annual cleanup usually clears over 8,000 pounds of trash from Chico's park and creeks. Please meet at 9 a.m. at Horseshoe Lake for park cleaning or at Foster's Old Fashioned Freeze at the corner of 9th Street and Broadway for the creeks cleaning. BEC hosts this event on California Coastal Cleanup Day, the premier volunteer event focused on state waters. The Guinness Book of Records hailed this event as "the largest garbage collection" (1993), and each year more than 40,000 volunteers turn out to over 400 cleanup sites statewide. Refreshments will be available to start and end the day. There will also be a chance for all participants to win prizes from local merchants in a drawing that will occur at the picnic held at 1:30 (volunteers need not be present to win).

Please bring sturdy gloves and shoes.

To participate or for more information please call BEC at 891-6424.



Last year BEC volunteers removed 10 tons of trash and recyclable items from Chico's waterways.



PLANS FOR THE PARADISE PLAZASHOPPING MALL

BACKGROUND HISTORY

by Sharon Fritsch

Sacramento developer, Fred Katz, plans to build a major shopping mall where the Skyway enters Paradise, on the cliffs above Butte Creek Canyon. This shopping mall would include a big-box retail store, such as a Wal-Mart or Target, and fast-food restaurants.

Katz' plan was vetoed by the previous board of directors of the Paradise Irrigation District because of insufficient water supply. Katz then sued the three members of the board who voted against his plan, even though his own draft EIR estimates a water shortfall of 24,600 gallons per day at peak flow periods, not including fire emergencies, which would require much more water. (See Howard Snyder's analysis of the draft EIR in his letter to Mike McLaughlin of Save Our Gateway.) Katz then won a major victory in the most recent Paradise elections when the PID board members who voted against his plan were voted out of office.

As part of the agreement to settling the lawsuit against the PID, Mr. Katz agreed to pay a consultant approximately \$20,000 to develop an annexation policy for the Paradise Irrigation District. As it turns out, there are a number of items in the consultant's plan that Mr. Katz feels is overly demanding for developers (*Chico Enterprise Record*, April 23, 26, May 22, June 13, July 25,26).

Many Paradise merchants fear the new shopping mall would cut deep into their business. Katz, however, claims that the mall would be an economic boost for Paradise. Why people from Chico and Oroville would be willing to drive to Paradise to go to a Wal-Mart is difficult to understand. The famous Fred Myer building in Chico was vacant for several years, and now that Lowe's has moved into that location Home Base has gone out of business, and Troutman's in Chico is also closing down.

Draft E.I.R: Skyway Plaza Shopping Center Project

[GR-01-2 and AN-01-1] 011-280-097 etal.

By Howard Snyder,
Retired Director of Environmental Health,
Butte County,
Retired California Environmental Specialist

Dear Mr. McLaughin;

I have been requested by the Save Our Gateway Committee to review the wastewater disposal and domestic water supply segments in the above listed draft Environmental Impact Report. I addressed some concerns at the public meeting held on April 21, 2003. The following are written comments concerning the need for more input and data to be consistent with the Town of Paradise Onsite Wastewater Management Zone's Manual for the Onsite Treatment of Wastewater, and the California Regional Water Quality Control Board's requirements and Porter-Cologne Water Quality Act.

The applicant indicates an estimate of 22,300 gpd wastewater flow. There is nothing in this report showing how this figure was obtained {page 4.11-2 Wastewater service}. The Town of Paradise Manual sec. 6.2c, states, that to determine design flows, actual water meter readings- with meters to be certified accurate within 2% by the water

See Draft EIR, p. 4

UPDATE

by Mike McLaughlin
Save Our Gateway

The application for Paradise Plaza Center, a huge mall proposed for the Gateway to Paradise, has picked up speed after spending a year slogging slowly through the initial stages of the process. The Environmental Impact Report was released and town staff is presumably grappling with the 100 plus pages of public comment. By law they must respond in writing to all questions and comments. The Economic Development Commission, disappointingly, voted to approve the Economic and Fiscal Impact Report, and in so doing turned their backs on the devastating financial impacts the mall would have on existing businesses in town.

As a side show the Paradise Irrigation District struggles to define an annexation policy and mitigation measures by a mid July deadline, in keeping with a litigation settlement agreement with the developer Fred Katz. Over a year ago Mr. Katz through his Chico Attorney, Geoffrey Carter, sued PID over the Directors' refusal to annex his fifty-nine acres of shopping center land into the water district.

See Paradise Plaza Update, p. 4



The hills above Honey Run in Butte Creek Canyon: The proposed Paradise Plaza Shopping Center would be located on the rocks above this canyon.



PARADISE PLAZA UPDATE
cont. from p. 3

The Save Our Gateway Committee, a citizen's group formed two years ago to fight the project has hired Bill Yeates, a Sacramento land use attorney, to represent us as we gear up for the probability of a referendum, and litigation. During the Draft Environmental Impact Report comment period many people and organizations presented detailed critiques covering all the essential elements of the DEIR. We are especially grateful for the work of Barbara Vlamis of BEC and John Merz, Executive Director of the Sacramento River Preservation Trust. Their professional input made the comments comprehensive and added authority to our effort.

As the application process works its way toward a conclusion, we are ready. The use of our phone bank has ensured a crowded council chamber for important hearings and meetings. Because our local press seems to be providing only begrudging attention to the project (accept when they editorialize in favor of it) we are initiating a news letter that will be sent to over 5000 registered voters in town. A Paradise business association has declared its opposition to the project and will work to influence the local Chamber of Commerce, considered a "shadow government" in town. During the coming months we will concentrate on forming a coalition of political and social groups who, together, may have some influence with our elected officials.

Any questions, thoughts or recommendations will be greatly appreciated. Please call me at 877-0548 or e-mail me at macvolt@juno.com



The hills above Butte Creek: the proposed Skyway Plaza Shopping Mall would be located on top of these hills.

Draft EIR
continued from p. 3

purveyor, be used to provide design flows. Records are to be continuous over the period of at least one year or other period acceptable to the Town Health officer. Typically you obtain the meter readings for similar businesses as those you are proposing to construct. The Town has not received that data. In this same section a statement is made that with an additional 25% safety factor total wastewater loading will be 28,000 gpd. Utilizing the total 59 acres this would result in a "gross" wastewater loading rate of 412 gpd per acre, a designed flow rate that is below the Town limit of 900 gpd per acre. This is somewhat misleading; the statement is technically correct if the entire 59 acres could be utilized for wastewater disposal, but in fact the wastewater will be discharged on a smaller parcel on the north side of the Skyway and have to flow over or under the Skyway to be absorbed on southern parcels between the two Skyways, and to the south of the eastbound Skyway. The wastewater is proposed to be applied to dispersal fields on the north side of the Skyway, in an area described in several places in this document as 5 acres in size.

Actual loading on the 5 acres would be around 5600 gpd per acre, if the entire area was acceptable for wastewater disposal.

This document states on page 2-18, section 4.8.2: "The on-site wastewater treatment system and subsequent reuse of treated wastewater carry the potential to violate water quality standards, waste discharge requirements, or otherwise

The applicant has not furnished the Town or the Regional Water Quality Control Board (RWQCB) with any specific data on the plant's capacity, flow rates, efficiency, retention time, biological oxidation demand (BOD) reduction, and nitrate removal capabilities.

degrade surface and groundwater quality. {Potentially significant}

To mitigate this impact, the following measures are proposed:

4.8.2a: The wastewater treatment system shall be sized with a design capacity 25% greater than the project's estimated wastewater, to allow a sufficient safety factor for peak flow conditions.

The applicant has not furnished the

Town or the Regional Water Quality Control Board (RWQCB) with any specific data on the plant's capacity, flow rates, efficiency, retention time, biological oxidation demand (BOD) reduction, and nitrate removal capabilities.

4.8.2b: The wastewater treatment and disposal system shall comply with the Town of Paradise Onsite Wastewater Management Zone's Manual for Onsite Treatment of Wastewater. Prior to construction, and again prior to operation, the applicant will obtain all necessary permits and/or approvals for the treatment system.

As of April 17th, 2003, no design or plans have been received by the Town of Paradise for the wastewater treatment plant or the dispersal field along with supporting percolation data or groundwater monitoring results in the area proposed for wastewater disposal on the north side of the Skyway. Percolation tests and on-going groundwater monitoring have been going on since September 2001, according to the RWQCB, but none of that data is included in this draft.

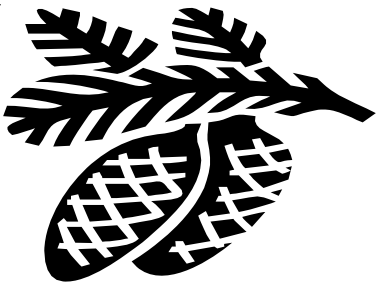
4.8.2c: The applicant shall obtain Waste Discharge Requirements from the RWQCB prior to construction of the treatment system. The system shall adequately meet RWQCB requirements, which have been designed to protect beneficial uses and ensure that water quality standards are not violated. Note that, based on RWQCB requirements it is likely to preclude construction of Phase II of the Proposed Project. An interim submittal has been made to the RWQCB and is under consideration.

On April 10th, 2003 I contacted the Water Resources Control Engineer in Redding and was informed that the project's application for Waste Discharge Requirements was incomplete. Items needing clarification included piezometer and soil profile locations. Site conditions, such as drainage ways, wells, wetlands, streams, etc. in the vicinity (within 500 feet) of the proposed leachfield area must be shown.

Also a specific proposal for wastewater treatment and disposal must be provided, this must include the type of wastewater system and disposal methods, including treatment units with preliminary sizing. The disposal field must be shown with its shape and layout of disposal lines. The design shall be supported by calculations. The disposal field must be supported by reference to the soil profiles and percolation tests.

The engineer was concerned about high groundwater levels observed in the proposed disposal area. Monitoring wells showed high groundwater in wells numbered 1, 2, 4, 5, 6, 7, 8, and 10, all with water levels closer than 108 inches (9feet) from grade. If the disposal field is installed at one foot below grade, groundwater will be within 8 feet of the disposal fields at all times. Another issue is the mounding effects of wastewater addition to soils in the proposed disposal field area. The engineer wanted more data and recalculations on the mounding effect and its impact on leachlines and groundwater.

The engineer also expressed concern about the possibility of "daylighting" i.e. when wastewater percolates down through the soil and encounters the



Tuscan formation (an impervious soil formation) it may travel horizontally and surface at a point down gradient.

The RWQCB states that due to shallow soil depths disposal of treated wastewater in the parking lot areas would not meet the Board criterion for soil depths (Page 2-3).

All of these items still need to be addressed and none of them were covered in the draft EIR.

4.8.2d: The applicant or its agent shall inspect and maintain the wastewater treatment and disposal system according to manufacturer’s specifications. If the

The engineer also expressed concern about the possibility of daylighting, i.e. when wastewater percolates down through the soil and encounters the Tuscan formation (an impervious soil formation) it may travel horizontally and surface at a point down gradient.

system is discovered to be malfunctioning, corrective action shall be taken in a timely manner to ensure protection of water quality.

In my contacts with the Town of Paradise Wastewater staff I was informed that once the plant is operating it is up to the operator as to when and how the plant is inspected and maintained. It will be interesting to determine who will be responsible for this facility. Will the operator be required to have a Wastewater Treatment Plant Operator’s license? Will he have the authority, finances, and supplies to repair and /or get the plant back on line if it malfunctions? What happens if it takes days to get the plant functioning after a breakdown, will businesses close to preclude wastewater treatment system shall be designed with a capacity 25% greater than the estimated wastewater flow for a safety factor. (Already discussed above)

If the proposed disposal area is relocated again from the north side of the westbound Skyway, we are back to square one. So far the only percolation and soil studies shown in this draft are in Appendix E. The data provided shows very high percolation rates (the range included 1,160 min/in,562 min/in,292min/in, 132.5min/in, 68 min/in, to a low of 4.5min/in). Soil depths ranged from 0.5 feet to 11 feet to bedrock. These tests were conducted on

Lack of maintenance, improper maintenance, failures in equipment, wastewater loading rates in excess of design capacity of the treatment and disposal system could lead to water quality degradation.

the parcel between eastbound and westbound Skyways (Phase I area), and provide no data on the area now proposed for wastewater disposal. In any case pertinent soil and percolation data along with groundwater levels is required before any approval can be given for a final EIR.

The final thing I would like to address relates to the domestic water supply. Page 2-2, states, “Two water distribution systems, one for domestic water and one for irrigation water will be provided. Both systems will be provided water from an existing well located on the southeast section of the site.

In Chapter 4.11 Public Services and Utilities, page 4.11-1, Water Service, Domestic Water, it is stated that the applicant estimates the project will have a domestic water demand of 33,600 gpd. Because groundwater recharge is slow in the Tuscan formation, it is proposed to operate the proposed well or wells at 50%, or 12 hours per day. Testing was carried out over a 90-day period. There is no supporting documentation in this draft indicating actual daily pumping results, or the number of hours each day that the well was pumped. A rate of 69,000 gallons per day is provided with no backup data. It does recommend that periodic testing be carried out to confirm that well production remains consistent.

On page 4.11-2, Irrigation Water, the statement is made that water demand for irrigation will be highly variable depending on the season, but the system must be designed to handle peak loads. Peak irrigation demand is estimated to be 60,000

There is no supporting documentation in this draft indicating actual daily pumping results, or the number of hours each day that the well was pumped. A rate of 69,000 gallons per day is provided with no backup data.

gpd. It further states that well testing has been conducted to verify that the aquifer can produce this yield on a sustainable basis.

Adding the estimated domestic water demand, and the irrigation water demand totals 93,600 gallons per day at peak demand excluding emergency fire flows. Subtracting the observed well production of 69,000 gallons per day from the peak demand of 93,600 gallons per day shows a shortfall of 24,600 gallon per day. If emergency fire flow is added, and this number is subject to fire department verification, (a suggested emergency flow of 2000 gallons per minute for 2 hours) the shortfall increases by 240,000 gallons. This demand would require very large storage tanks on-site.

Contact with the Butte County Division of Environmental Health on April 14th, 2003, revealed the well for this project was installed under permit and inspection by that entity, and was constructed and sealed to meet criteria for a community domestic water well. There has been no application to the Division for a small community water system permit, nor any documentation submitted relating to design, chemical, bacteriological or physical condition of the water in order to process such a permit. The individual I contacted indicated he had not seen the draft EIR for this project. The California State Department of Health has a policy

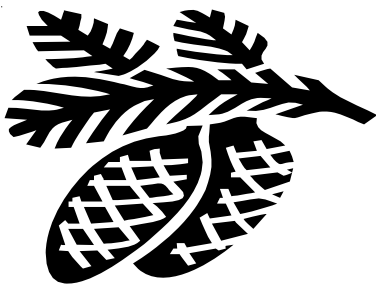
that recommends any small community water system proposed in an area that adjoins a large public water system, should seek to connect to that system and have its water facility become part of the larger system.

I think the above information demonstrates that insufficient data was presented in this draft to allow a rational decision on this Environmental Impact Report. Prior to finding it complete it is important for the applicant to provide the missing data to the Town Waste Water enforcement staff, and the Regional Water Quality Board and obtain the necessary approvals for the wastewater discharges from this project.

Thank you for considering these comments.

Addendum July 1

In my latest contact with the Regional Board there still has not been any approval of a Wastewater Discharge Permit for this project, and their representative requested a copy of this same letter.



John Burge
Certified Public Accountant

567 East Fifth Avenue
Chico, California 95926

(916) 342-3680
Fax 345-7651



Clearcutting in Butte County



Clearcutting in the Big Chico Creek watershed.

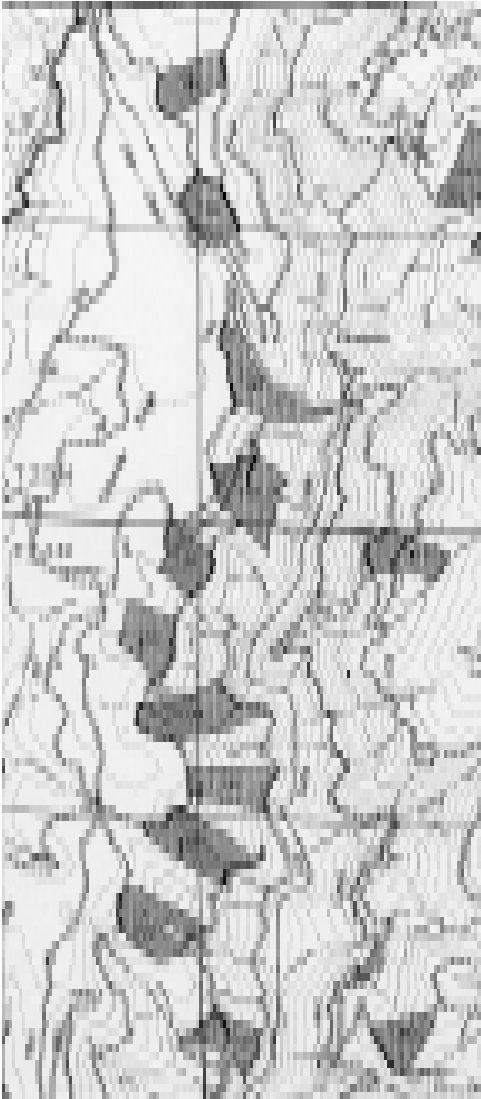


Clearcutting above Cedar Creek, in the Butte Creek watershed; erosion is obvious.





Cleaercutting above Haw Creek, in the Butte Creek Canyon watershed.



A map from a timber harvest plan for Carpenter Ridge, above Haw Creek, east of Hwy 32. Seven of the darkened areas are planned clearcuts. The others are planned “variable retention”.

NOT SEEN FROM THE HIGHWAYS

by Sharon Fritsch

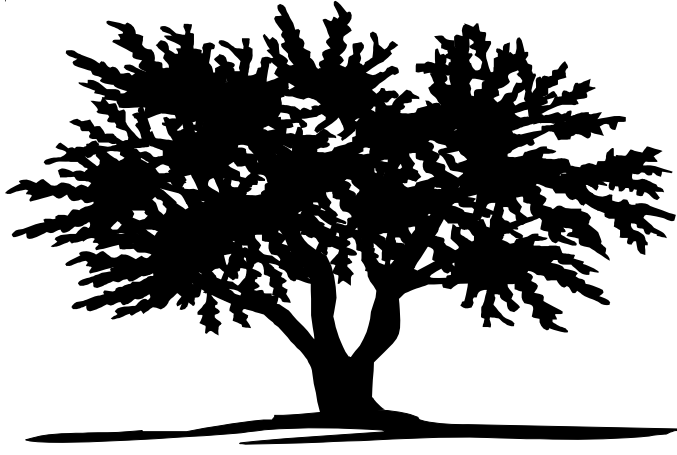
The rate of clearcutting in the local area seems to have increased noticeably in the past two years. Though clearcutting has been halted on public lands, it is still allowed on private lands. So far most of the clearcutting has remained hidden from the highways, though more patches are becoming visible here and there along Hwy 32. A bike ride down gated dirt roads meandering through the upper regions of the Butte Creek Watershed reveals a surprising amount of clearcut.

The logging companies are required to abide by sustainable logging practices. However, it will take around 100 years or more for the young trees just recently planted to grow to the size of the ones cut down. One can not help but wonder if the forests can grow back at the rate at which they are being cut down. Logging companies are also required to abide by regulations that prevent erosion, but erosion is easily visible in some clearcut areas on the steeper hills.

People who traveled through the State of Washington during the late 1970’s will remember the scene from Interstate 5. It looked like half of the forest had been mowed down. Thankfully, California had stricter regulatoins. It behooves us all to monitor the way in which those regulations are followed.



The Environmental Calendar



UPCOMING BEC EVENTS

FALL CLEANUP OF BIDWELL PARK AND CREEKS OF CHICO Sept. 20, 9:00 a.m.

Please call the BEC office at 891-6424 for more information.

August

PUBLIC SERVICE ANNOUNCEMENT

The Sierra Club, Yahi Group, and the Audobon Society are hosting the following events.

Sierra Club trips are open to the public; there is a \$2 suggested donation for non-members.

If you have any questions or want further information about Audobon Society activities, please contact Wayland Augur at 530-893-9222 or email wba@acm.org

Wednesday, August 20, 7PM - Weekly Walk. Meet at Chico Park & Ride each Wednesday evening at 7PM for a 1 ½ hour creekside power walk along the creek. Wear tennis/walking shoes and bring water.
Leader: Jeanne, 899-9980 or alternative leader: Alan, 891-8789.

Saturday, August 23 - Black Butte Lake. (Alta Cal Audubon) Meet at Burger King in Orland (Hwy 32 & I-5) at 7:30 AM. Bring lunch, plenty of water (it will be hot!), sun block, mosquito repellent, & a hat. This is a good time for fall migration of many birds. Hope to see you there.

Call Anne-Lise at 865-5254 or email glenncobirder@yahoo.com for more information.

Saturday, August 23 - Mountain Bike Ride to Colby Mountain. A 15 mile trip with excellent views of Mt. Lassen and the Butte Creek and Deer Creek drainages. Some single track. Bring properly maintained bike, helmet, tube, patch kit, pump, lunch, lots of water, appropriate clothing and \$ for carpool. A round trip drive of 75 miles. Meet at the Chico Park & Ride at 9AM.

Leader: Larry, 342-7998; Asst. Leader, Dave, 533-2357.

Saturday, August 23 - Curtain Falls Day Hike. A strenuous hike to the designated Wild and Scenic Middle Fork of the Feather River. Three miles of switchbacks and stairs with 1500 feet of elevation loss. Then swim, wade and scramble ½ mile upstream to Curtain Falls. Great scenery and swimming. There is no shade, so bring sunscreen, hat and water, as well as a swimsuit and old tennies or water shoes. Wear boots and bring lunch and snacks in a zip lock bag. Limited to 14 participants. Call leaders for meeting time and place. Return to Chico about 8PM or later.
Leader: Doug, 345-0296;
Asst. Leader: Dave, 342-4118.

Tuesday, August 26 - Mars Hike. Get up close and personal with the fourth rock from the sun. This August, Mars will be closer to the Earth than it has been for the last 60,000 years. By the end of August, it will appear five times larger and fifty-eight times brighter than it did on January 1st of this year. We will celebrate this event by first hiking along the Yahi trail to the diversion dam, where we will enjoy a sack supper, then return to the observatory for a program with the docents, which will include Mars viewing through their telescope. Bring water, sack supper, binoculars, flashlight and comfortable walking shoes. Meet at Horseshoe Lake Parking Area. Call leader for reservation and departure time. Minimum of 12 required for Observatory Program.
Leader: Peggy, 343-9843.

Wednesday, August 27, 7PM - Weekly Walk. Meet at Chico Park & Ride each Wednesday evening at 7PM for a 1 ½ hour creekside power walk along the creek. Wear tennis/walking shoes and bring water.
Leader: Jeanne, 899-9980 or alternative leader: Alan, 891-8789.

Friday, August 29, 6:30PM - Game Night & Pot Luck. Come join the fun and eat good food under the trees by a sparkling pond. (if it is too hot we can go inside for air conditioning). Bring your favorite game, plate & cup etc and a pot luck dish. We will provide cool drinks. Call for location. Leader: Joanne: 893-2154.

Friday - Sunday, August 29-31 - Backpack in the Trinity Alps, Stonewall Pass to Echo Lake. We'll hike 7 miles into the Trinity Alps crossing Stonewall Pass to enjoy the cool enclave of Echo Lake. We'll set up base camp and explore. Excellent vistas, some snow, lots of breathable air. Bring backpacking gear, food for 3 days, 2 nights and \$ for carpooling. Group size is limited. Approximate round trip drive of 300 miles. Return time about 8 P.M. on Sunday. Call for reservations and specifics.
Leader: Theresa, 899-7331.

Sunday, August 31 - Dayhike to Green Island & Saucer Lakes. From Sunflower Flat at the end of forest road 26N31 we'll hike the easy (about 520' elevation loss & gain) 3-mile trail down to Soda Creek and up to the floating bog at Green Island Lake. We then continue another mile for swimming at deep, beautiful Saucer Lake in the Chips Creek Roadless Area. Meet at Paradise Albertson's



The Environmental Calendar

Ride at 8:15AM for the drive up through Butte Meadows, or meet at Cherry Hill campground at about 9:30AM for the 12-mile shuttle over gravel & dirt roads to the trailhead, where the outing begins. Bring lunch, water and swimsuit.

Leader: Stephen Sayre, 876-1391 or sayhart@infostations.com.

Wednesday, September 3 -

Weekly Walk. Meet at Chico Park & Ride each Wednesday evening at 6:30PM for a 1 ½ hour creekside power walk along the creek. Wear tennis/walking shoes and bring water and flashlight.

Leader: Jeanne, 899-9980.

Saturday- Saturday, September 6-13 - Eastern Yosemite Backpack & Circle Around Mt. Lyell.

Starting from Toulomne Meadows an exploration of the little visited, very scenic country of the North Fork of the San Joaquin River. Starting up Rafferty Creek to Lewis Creek travel into the area south of Mt. Lyell. We then go cross-country over a pass and down enchanting Bench Canyon to Twin Island Lakes. From here north and over another cross-country pass to the John Muir Trail, delight in the vistas from Donohue Pass then head back down to Toulomne Meadows. One layover day is planned. Individual commissary. Cost \$5 for permit, plus \$10 park entrance fee and carpool \$. A relatively strenuous trip for backpackers with experience in cross country travel.

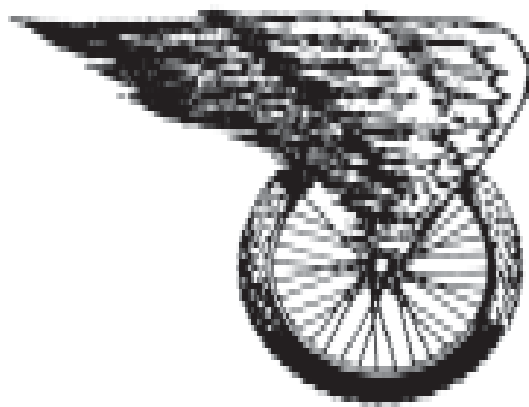
Leader: Alan, 891-8789 or ajmendoza@prodigy.net.

Wednesday, September 10 -

Weekly Walk. Meet at Chico Park & Ride each Wednesday evening at 6:30PM for a 1 ½ hour creekside power walk along the creek. Wear tennis/walking shoes and bring water and flashlight.

Leader: Jeanne, 899-9980.

PULLINS CYCLERY



Steve & Katy O'Bryan

801 Main St.
Chico, CA 95926
(916) 342-1055



Butte Creek



Dump cont. from p. 1

people from the highest lead concentrations known to occur at the dump. It took many months for the work to be authorized and completed, but as long as the fence has been maintained, no trespassing has taken place.

Regarding possible ground water pollution, it is also not considered a threat to humans at this time according to the BRA (26). An April 2002 City memo summarizes the Remedial Investigation in a memo stating that, “Surface water and groundwater are not impacted by toxic or hazardous chemicals (priority pollutants, toxic chemicals) from the waste material. Limited amounts of salts may be impacting the shallow groundwater at the site, but these impacts are isolated and do not have the potential to affect off-site groundwater.” One of the reasons is due to the limited infiltration possible in the hard bedrock at this site. “Aquifer tests

conducted at the site as part of the Water RI demonstrate that the isolated lenses of sedimentary material present within the

fanglomerate beneath the site are not capable of producing a sustained yield of 200 gallons per day” (FS 25), a requirement to consider ground water a drinking source.

Surface water and stream sediment are discussed as possible pathways for exposure to a trespasser wading or playing in it during the winter months (BRA 26), but as mentioned previously, adequate fencing, signs, and monitoring can easily handle that. This BRA concludes that under current land use, trespassers do not reach a level of regulatory concern, but concern for future residents on all contaminated lands exceed health thresholds and so are therefore directing this cleanup (39).

Threats to human health escalate significantly if alternative 3 occurs when the 150,000 cubic yards of toxic ash and sediment are moved. The Butte County

Air Quality Management District stated in a letter dated March 20, 2003 that, “Based on the information available, the site as it exists today, in an undisturbed state, does not pose concerns from an air quality perspective. However, District staff would be concerned if the site is disturbed through any grading, excavation or land clearing type activities.” The best laid mitigation measures so often go awry such as they did at Husa Ranch where water trucks were scurrying around and the dust still hasn’t been cleaned out of all the corners of Cal Park homes. The HRA acknowledges that, “One of the largest sources of uncertainty in any risk assessment is associated with the scientific community’s limited understanding of the toxicity of most chemicals in humans following exposure to the low concentrations generally encountered in the environment” (19). There is enough uncertainty about lead exposure from alternative 3 that the majority of the committee opposed it. There are school

children and staff at Marsh Jr. High within a stones throw of the western boundary, residents that will

drive right by it from Stilson Canyon Road and Bruce Road, a senior citizen complex within a quarter of a mile, and school buses that will travel through an alternative 3 cleanup.

Many people consider BEC’s stance against alternative 3 quite ironic: an environmental group that opposes a hazardous waste cleanup? What these individuals seem to miss in the discussion are our consistent positions: BEC advocates strenuously for clean air, clean water, and healthy communities and opposes more human activities, projects, or fixes that present a greater hazard to human and environmental health than the existing conditions. The advisory group’s majority report provides the City of Chico with a responsible approach to monitor the dump and to protect the environment, current residents, and future residents into the future.

The advisory group’s majority report provides the City of Chico with a responsible approach...

ENVIRONMENTAL NON-PROFIT ACQUIRES CONSERVATION LAND FOR PUBLIC USE

By Mona Cross

River Partners (Formerly Sacramento River Partners) has acquired two Sacramento River bank properties for conservation and public use. These properties are in Glenn County with one on the Glenn-Butte border. Although the properties are currently being farmed, the ultimate use of the properties will be to give public access to the Sacramento River and adjacent river habitat. According to River Partners President, John Carlon, the requirement for each acquisition was direct access from a public road. In addition, Carlon said, “We a were trying to find river recreation areas at each major Sacramento River bridge.”

The most recent acquisition is the Gaines Ranch property which is on the Sacramento River just under the Highway 162 Bridge overpass and across from Butte City, This is a 37 acre property with 9 acres of riparian habitat and 28 acres of walnut orchard. Barney Flynn, the River Partner Vice President who worked on the acquisition explained “the property is shaped like a big pie slice with the wide side along the river bank. That way we get more than a half mile on the river.” Flynn said his ambition for the property was “to establish Northern California’s longest handicap accessible Sacramento River trail directly on the river bank with the trail head accessible by auto.”

The Gaines Ranch property is also scheduled as a boat ramp location by Glenn County. River Partners worked closely with Dan Gardner, Glenn County Director of Public Works and the Glenn County Board of Supervisors, which approved the bond fund application for the project financing. “We worked with Keith Hansen, the district supervisor, Denny Bungarz, the board chairperson, and we went to the board twice. Community support will give this project long-term success”, Flynn said.

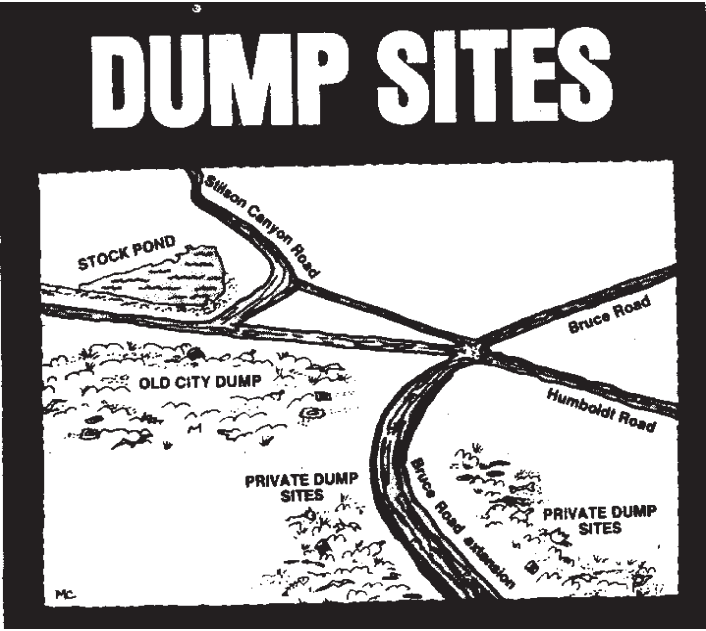
Flynn said local background was key in the acquisition, saying “eight of our staff have Chico State degrees.” Flynn described the purchase from the Gaines Family Trust, and the trustees Robert Gaines, Sr. and Winifred Gaines. “I knew the late Dr. Bill Gaines, Robert Senior’s brother” Flynn said “when I was farming in Tehama County, and I frequently see Robert Junior at Chico Sports Club, where we talk about prune farming.” The non-profit status of River Partners helped establish credibility with Robert Sr., who is President of the

Sacramento Foundation. In addition Flynn said the Gaines family has a strong conservation background. “Every year they all camp together at Yosemite up in the high country,” he said, “I am proud that all six members of the trust approved this project.”

The second property acquired by River Partners is at the Hamilton City Gianella Bridge over the Sacramento River. The property is 20 acres along the Sacramento River just South (downtown) of the Irvine Finch State Park, site of the Memorial Day tube launch. “We hope”, said John Carlon, who managed the acquisition for Sacramento River Partners, “that this purchase will expand Irvine Finch State Park into more than a boat ramp.” Carlon pointed out that the property was zoned for a trailer park before it was acquired by River Partners. Carlon said River Partners would work with the Bidwell State Park planning now in process to maximize the benefits of the new acquisition. “Someday we would like to see activities such as camping and an interpretive center on this site”, he said.

Speaking of the River Partners intentions behind the acquisition Carlon said “Yes, we do have an agenda. We are a small non-profit and can support only limited work, so we’ve made public access our priority when it comes to acquiring land. After the wholesale destruction of river habitat that we have seen even in the last 50 years, saving river lands for habitat is the highest and most obvious goal. But other public interests have to be included to make our conservation efforts sustainable, and that’s where the Partners access program comes in.”

Speaking of Glenn County support, Carlon said “we are happy to work with the county. Getting state bond monies for Northern California is important. Southern California is snapping up the bond money because, with their huge population pressures, they understand the importance of conservation and recreation.” Citing the recent Butte County Board of Supervisors declaration that conservation causes “fires”, “diseases” and “harms people”, Carlon pointed out that the Butte Board had received no recreational bond funds beyond the standard per capita allotment, saying “such a narrow vision of conservation simply cannot benefit Northern California.”



Old Chico News & Review Map.



Recycling in Butte County

See Listed Businesses Below by number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
CRV	☆	☆	◆	☆	◆	☆	☆		◆	☆			◆	☆	☆	◆	☆	☆	◆	☆
Glass		☆	◆	☆		☆	◆			◆	☆		◆	◆		◆	◆		◆	
Metal					◆					◆			◆	◆			◆		◆	
Bi-metal cans		☆	◆		◆	◆	◆			◆			◆	◆			◆		◆	
Tin cans		☆				◆	◆			◆			◆	◆			◆		◆	
Aluminum foil/ pie pans		☆	◆	☆		☆	☆			◆	☆			◆						
Scrap metals		☆				☆					☆									
Plastics					◆					◆			◆	◆			◆		◆	
#1 Plastic		☆	◆	◆	◆		☆		◆	◆	☆		◆	◆		◆	◆		◆	
#2 Plastic		☆	◆		◆		☆			◆	☆		◆	◆		◆	◆		◆	
#3-7 Plastic		☆	◆				◆			◆	☆		◆	◆		◆	◆		◆	
6-Pack plastic rings			◆							◆	☆			◆						
Paper					◆					◆			◆	◆			◆		◆	
Newspaper			◆			◆	☆			◆			◆	◆			◆		◆	
Magazines			◆				◆			◆			◆	◆			◆		◆	
Phone books			◆		◆		◆			◆			◆	◆			◆		◆	
Cardboard			◆			◆	☆			◆			◆	◆		◆	◆		◆	◆
Mixed paper			◆				☆			◆			◆	◆			◆		◆	
Ledger paper			◆				☆			◆			◆	◆			◆		◆	
Computer paper			◆				☆			◆			◆	◆			◆		◆	
Hazardous Waste																				
Alkaline batteries			◆					◆						◆						
Car batteries		☆				◆	◆	◆			☆	◆		◆			◆			
Paint							◆	◆						◆						
Pesticides							◆	◆						◆						
Fluorescent lights & ballasts							☆	◆						☆			☆			
Used motor oil							*	◆						◆			*			
Anti-freeze								◆						◆						
Other automotive fluids														◆						
Miscellaneous		☆				◆						*		*						
Appliances (no freon)		◆				◆								*						
Cars												*		*						
Tires														*						

Chart Legend ◆ ACCEPTS recyclables listed ☆CASH PAID for recyclables listed *FEE CHARGED to accept recyclables listed

- 1) **20/20 Recycling Centers**
California Department of Conservation
Albertson's, 1050 Oroville Dam Blvd., Oroville
Albertson's, 146 W. East Ave., Chico
Safeway, 1596 Hwy 99, Gridley
Safeway, 1016 W. Sacramento Ave., Chico
Safeway, 690 Mangrove Ave., Chico
Safeway, 1366 East Ave., Chico
Safeway, 6020 Clark Rd., Paradise
T-F 11-5, Sa 8:30-5, closed 1:30-2

2) **Aldred Scrap Metals/
Steel Mill Recyclers**
786 Oroville-Chico Highway, Durham
342-4930
M-F 8-5

3) **AS Chico Recycling Donation Center**
Corner of W. 4th St & Cherry St., Chico
898-5033
Sa 10-2:30
Web: www.csuchico.edu/as/recycle

4) **Berry Creek Rental & Recycle**
10 Manzie Lane, Berry Creek
589-4828
Tu-Su 9-6

5) **California Vocations (C.O.V.E.)**
Curbside recycling in Magalia, Paradise,
Paradise Pines, west side of Skyway to Nimshu
877-0937
M-F 8-4

6) **Chico Scrap Metals,
Chico Scrap Metal South &
Nor-Cal Recyclers**
Autobodies (call first)
878 E. 20th St., Chico,
343-7166
M-F 8-12, 1-4, Sa 8-12
766 Oroville-Chico Hwy., Durham,
345-6241
M-F 8-4
1855 Kusel Rd., Oroville
532-0262
M 8-4, Tu-F 9-4, Sa 8-12

7) **Chico Transfer & Recycling**
2569 Scott Ave., Chico
893-0333
Tu-Sa 10-4:30
Web: www.northvalleydisposal.com

8) **City of Chico Household Hazardous Waste
Collection Facility /AC Industrial Services**
1101 Marauder St. (at Chico Airport)
895-4829 or 343-5488
Fri-Sat. 9-1
*Free to City of Chico residents, others should
call for information about fees.*

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 9-4, Sat. 9-3:30
Web: www.wtcinc.org/fsr.htm

11) **Joe Vemi Recycling**
4980 Lincoln Blvd., Oroville
534-7402
M-F 9-3:30, Sa 9-1

12) **Neal Road Landfill**
345-4917
Daily 7-4
Web: www.northvalleydisposal.com

13) **NorCal Waste Systems Curbside Recycling in
Chico**
342-4444

14) **NorCal Waste Systems Oroville Recycling
Center &
Household Hazardous Waste Collection Site**
2720 S. 5th Ave., Oroville
533-5868
Recycling Center M-Sa 8:30-3:30
Hazardous Waste F 1-6
Free to City of Oroville residents


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) **Paradise Elementary School**
588 Pearson Rd., Paradise
Drop boxes open 24 hours/day

17) **Recycle Paradise**
951 American Way, Paradise
Holiday Mkt, 14001 Lakeridge Cir., Magalia
(CRV, newspapers only)
Stratton's Mkt. 5760 Sawmill Rd., Paradise
(CRV, newspapers only)
877-2777
M-Sat 10-4

18) **TOMRA Pacific**
Collins & Denny Mkt, 434 Plumas Ave., Oroville
Raley's Supermarket, 2325 Myers St., Oroville
(916) 381-6861
Tu-Sa 9:30-5, closed 1-1:30

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

20) **Westside Recycling & Wood Products**
2669 Hwy. 32, Chico
892-2262
M-Sa 10-6, Su 10-4
- 

Summer 2003 Environmental News

www.becnet.org

11



Workers sort recyclable items at the materials recovery facility (MRF) run by Waste Management in Chico.



Cardboard, ready for transport.

The following information has been gathered by the Butte Environmental Council for the Butte County Public Works Department’s Butte County Recycling & Reuse Directory. The Directory contains detailed information about recycling centers, thrift stores, and used merchandise stores, including locations, hours of operation, and items accepted. If you would like to receive a copy of the Directory, call Bonnie Low at Butte County Public Works (538-7681). This is not a complete list of businesses that accept donations and does not include thrift stores or businesses that buy and sell used merchandise. Call for more information about items these businesses will accept. Please, do not drop off items without approval.

<p>Aerosol Cans See Household Hazardous Waste Facilities (HHWF)</p> <p>Aluminum Cans, CRV See “Recycling in Butte County.”</p> <p>Aluminum Foil & Pie Pans See “Recycling in Butte County.”</p> <p>Antifreeze See “Recycling in Butte County.”</p> <p>Appliances, Major See “Recycling in Butte County.” Refrigerators, freezers, and air conditioners must have freon removed before disposal. These companies will remove the freon for a fee and recycle the appliance. A-1 Appliance 534-3436 Appliance Resale House 343-4904 Derr’s Appliance Supply 342-0654 Durham Appliance 899-1609 Ginno’s 342-2182 Halldorson Appliance 891-1814 Hudson’s Appliance Center 877-6312 Sam’s Appliance 534-3988</p> <p>Appliances, Small Most thrift stores will accept donations of small working appliances.</p> <p>Asbestos Contact your local household hazardous waste facility or the Neal Road Landfill for more information.</p> <p>Aseptic Containers No local recycling facility.</p> <p>Asphalt, Bricks, & Concrete Baldwin Contracting Co., Inc. 891-6555 Franklin Construction Inc. 343-9600 Robinson Construction Co. 534-7616 (no bricks)</p>	<p>Batteries, Automotive See Recycling Chart Most businesses that sell auto batteries will recycle used auto batteries for free.</p> <p>Batteries, Alkaline AS Recycling Donation Center 898-5033 Energy Masters 345-4129</p> <p>Batteries, NiCd (rechargeable) See www.rbrc.com</p> <p>Bicycles Chico Bike & Board 343-5506 STARS bike donation program Oroville 538-7820 STARS bike donation program Chico 891-2704 Some thrift stores accept donations of bicycles in good condition.</p> <p>Bi-Metal Cans See “Recycling in Butte County.”</p> <p>Books Chico Shred (hardcover) 893-1062 North Valley Services 865-5631 The following accept donations of books in good condition: Butte County Library Adult Reading Program 538-7198 Butte County Library-Biggs Branch 868-5724 Butte County Library-Durham Branch 879-3835 Butte County Library-Gridley Branch 846-3323 Butte County Library-Oroville Branch 538-7641 Butte County Library-Paradise Branch 872-6320 Most thrift stores also accept donations of resalable books.</p>	<p>Bricks See Asphalt, Bricks, & Concrete</p> <p>Bubble Wrap & Peanuts A & C Postal Center 343-5440 Chico Box & Postal Center 895-1477 Mail Boxes Etc. 891-1623 Mail Boxes Etc. 898-1623 Mail Boxes Etc. 893-1818 The Packaging Store 872-0991 Paradise Postal Center Plus 877-2631 Postal Plus 891-1626</p> <p>Building Materials Habitat for Humanity, Chico 895-1271</p> <p>Calendars See Educational & Craft Materials</p> <p>Carpet No local recycling facility.</p> <p>Carpet Pad Floor Layers Recycling Center 894-7890</p> <p>Car & Boat Donation (running vehicles only) ARC 232-3666 Northern Valley Catholic Social Services 345-1600 Salvation Army 342-2199 Other local charities may also have vehicle donation programs.</p> <p>Cardboard See “Recycling in Butte County.”</p> <p>Clothing Many thrift stores will accept donations of clothing in resalable condition</p>	<p>Computers, Monitors City of Chico Household Hazardous Waste Facility 895-4603 AC Industrial Services 343-5488</p> <p>Computers (working) Chico Computers for Schools 895-4175 Executive Suite 342-1996 Many thrift stores will accept donations of working computers and peripherals.</p> <p>Concrete See Asphalt, Bricks, & Concrete</p> <p>Drink Boxes No local recycling facility.</p> <p>Drywall (sheetrock) No local recycling facility.</p> <p>Educational & Craft Materials ARC of Butte County 891-5865 Chico Christian Center 342-4276 (greeting cards & calendars only) Many youth groups, preschools, and elementary schools also accept these items.</p> <p>Eyeglasses Lenscrafters 345-0225</p> <p>Fire Extinguishers To recycle, take to your local household hazardous waste facility. To recharge, FireMaster 893-0110</p> <p>Floppy Disks & CDs 1-800-305-3475 See www.greendisk.com</p> <p>Fluorescent Light Bulbs & Ballasts See “Recycling in Butte County.”</p> <p>Food</p>
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*A worker at
the Norcal MRF
in Oroville
sorts recyclable items out of
trash.*



There are numerous food banks, churches, and soup kitchens that accept donations of fresh, canned, and packaged food items. Home-made or home-canned items are not accepted.

Frozen Food Packaging

Tear a corner of the packaging. If there's no plastic layer, recycle container with your paper. Otherwise put in trash.

Fuel

Take to your local household hazardous waste facility.

Furniture

Upholstered furniture is difficult to donate unless it's in very good condition. Many thrift stores will accept donations of wood furniture.

Glass Containers, CRV

See "Recycling in Butte County."

Glass Containers, Non-CRV

See "Recycling in Butte County."

Glass, Other

Light bulbs, mirrors, windows, Pyrex, ceramics, and drinking glasses in good condition should be donated. Otherwise, put in trash.

Grease & Food Service Oil

North State Rendering Co. 343-6076

Greeting Cards

See Educational & Craft Materials

Grocery Bags

See Plastic Bags

Paper bags can be recycled with newspapers.

Hangers

Many thrift stores accept hangers.

Hearing Aids

North State Audiological Services 899-3277

The Hearing Foundation 800-327-8077

Household Hazardous Waste

Facilities (HHWF)

NorCal Waste Systems Oroville Household Hazardous Waste 533-5868

City of Chico Household Hazardous Waste 343-5488

Gridley Household Hazardous Waste 846-0810

Household Items

Thrift stores accept donations of household items in good condition.

Hydraulic Fluid

Take to your local household hazardous waste facility.

Kitchen Scraps

Turn kitchen scraps into compost with a worm composter from Green Fire. 895-8301

Magazines

See "Recycling in Butte County" Libraries, nursing homes, doctors' and dentists' offices, and preschools often accept magazine donations.

Mattresses and Box Springs

Twin and full-size can occasionally be donated to transitional housing programs. Stores must sterilize used mattresses before selling them and only a few stores have the equipment to do so.

Mercury

Take to your local household hazardous waste facility.

Metal, Scrap

See "Recycling in Butte County."

Milk Cartons, Wax-Coated

No local recycling facility.

Motor Oil Filters

Butte County Public Works 538-7681

Chico Drain Oil Service 345-9043

Also, contact your local household hazardous waste facility or www.teamrecycle.com.

Motor Oil

See www.teamrecycle.com

Also see "Recycling in Butte County."

Music, Records, Tapes & CDs

Thrift stores will accept these items if in salable condition. There are also some stores that specialize in buying and reselling used records, tapes, and CDs.

Newspaper

See "Recycling in Butte County."

Paint

See "Recycling in Butte County."

Pallets

Chico Pallet Recycling 570-3807

Paper, Office

See "Recycling in Butte County."

Pesticides

Take to your local household hazardous waste facility.

Photo Chemicals

Take to your local household hazardous waste facility.

Plastic Bags

Most Holiday Markets, Albertson's, Raley's, and Safeway stores have plastic bag recycling bins.

Plastic Film

No local recycling facility.

Plastic, 6-Pack Rings

See "Recycling in Butte County"

Plastic Containers, CRV

See "Recycling in Butte County"

Plastic Containers, non-CRV

See "Recycling in Butte County"

Propane Cylinders

For 1 lb size, take to a HHWF, for larger sizes, take to scrap metal dealers (remove valve.)

Sinks, Toilets, and Bathtubs (porcelain)

Baldwin Contracting Co., Inc. 891-6555

Solvents

Take your local household hazardous

waste facility.

Sporting Goods

Play It Again Sports 345-7427

Most thrift stores accept donations of sporting goods.

Styrofoam, Formed

Can't recycle locally.

Styrofoam Packaging (peanuts)

See Bubble Wrap & Peanuts

Tin Cans

See "Recycling in Butte County."

Tires

See "Recycling in Butte County."

Most tire dealers will recycle used tires for a fee. Call for sizes and fees.

Toner Cartridges

AS Computerworks 898-4447

(recycling)

Chico Laser Savers 896-1811

(remanufacturing)

Hubbs Stationery 892-4940

(recycling)

Laser "Renew" Zit 893-4253

(remanufacturing)

Office Depot 345-1623 (recycling)

OfficeMax 343-7599 (recycling)

The Copier Doc 345-6593

(remanufacturing)

The Packaging Store 872-0991

(recycling)

Ray Morgan Company 343-6065

(remanufacturing)

RC Copiers 873-5004

(remanufacturing)

Sierra Stationers 342-6406 (recycling)

Tools

Habitat for Humanity, Chico 895-1271

Gates Resale 342-2309

Transmission Fluid

Take to your local household hazardous waste facility.

Wood, Unpainted

Crowder Enterprises 345-1136

Neal Road Landfill 345-4917

North Valley Organic Recycling 521-2031

Ord Ranch Transfer Station 846-0810

Yard Wastes

Crowder Enterprises 345-1136

Neal Road Landfill 345-4917

NorCal Waste Systems Oroville

Recycling Center 533-5868

North Valley Organic Recycling

521-2031

Ord Ranch Transfer Station 846-0810

Town of Paradise Vegetative Waste

Recycling Program 877-0824

Turn your yard wastes into

compost—take a composting class

from AS Recycling 898-5033



A.S. Recycling Program

418 Ivy St., Chico, CA 95928
Mailing address: BMU 005, CSU Chico
Chico, CA 95929-0763
530/898-5033 fax: 530/898-6782
www.csuchico.edu/as/recycle
asrecycle@csuchico.edu
Barbara Kopicki

A.S. Environmental Affairs Council

BMU 212, CSU Chico
Chico, CA 95929-0750
530/898-5701 fax: 530/898-6014
www.csuchico.edu/eac
asenvironmental@csuchico.edu

Altacal Audubon Society

PO Box 3671, Chico, CA 95927
530/891-4671
www.audubon.org/chapter/ca/altacal
Skip Augur wba@acm.org
Judy White, Chapter President

American Lung Association

10 Landing Circle, Suite #1
Chico, CA 95926
530/345-5864 fax: 530/345-6035
www.lungusa.org/superiorbranch/
index.html
patty@alacsb.org
Kelli Sarti

Arboretum Management Club, CSUC

Big Chico Creek Restoration
530/345-4542
www.csuchico.edu/amc
mikiel@ecst.csuchico.edu
Mike Lennox, President

Barry R. Kirshner Wildlife Foundation

PO Box 841, Durham, CA 95938
530/345-1700
www.kirshner.org
admin@kirshner.org

Bidwell Park Endowment Fund

PO Box 3223, Chico, CA 95927-3223
530/345-7265
Tom Barrett

Bidwell Wildlife Rehabilitation Center

PO Box 4005, Chico, CA 95927
530/343-9004 (Wildlife Help Phone)
marilyn_gamette@fws.gov
Marilyn Gamette

Butte Creek Watershed Conservancy

PO Box 1611, Chico, CA 95927
530/893-5399
www.buttecreekwatershed.org
creek@inreach.com
William Johnson, Coordinator

Butte Environmental Council, Inc.

116 W. Second St. #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

2345 Fair St., Chico, CA 95928
530/895-4336 pager: 916/592-6500
www.ccc.ca.gov
Bill Reeves

California Native Plant Society

1722 J St., Suite 17, Sacramento, CA 95814
916/447-2677
www.cnps.org

California Native Plant Society, Mount Lassen Chapter

Herbarium, #129 M&W, CSU Chico
Chico, CA 95929
(530) 384-1774
Samantha Hillaire
President

California Sportfishing Protection Alliance

CSPAPagerev0.html
cspa@psln.com
Jim Crenshaw

California Wilderness Coalition

2655 Portage Bay East, Suite 5
Davis, CA 95616
530/758-0380 fax: 530/758-0382
www.calwild.org
info@calwild.org
Matei Tarail

Cherokee Preservation Society

PO Box 1641, Oroville, CA 95965
530/534-5227 fax: 530/894-7829
www.cherokee.f2s.com
diamakies@aol.com
Ellen Simon & Lee Edwards

Environmental Action & Resource Center

418 Ivy St., Chico, CA 95929
Mailing address: BMU 203, CSU Chico
Chico, CA 95929-0750
530/898-5676
www.csuchico.edu/earc
earc@csuchico.edu
Chari Neal-Haren, Director

Environmental Advocates

Community Legal Information Center,
CSU Chico
Chico, CA 95926
530/898-4354 x16 fax: 530/898-4911
www.csuchico.edu/clic/ea
clic@csuchico.edu

Jeff Furgison

Farm Sanctuary

PO Box 1065, Orland, CA 95963
530/865-4617 fax: 530/865-4622
www.farmsanctuary.org
west@farmsanctuary.org
Diane Miller

Friends of Bidwell Park

Herbarium, #129 M&W, CSU Chico
Chico, CA 95929
(530) 384-1774
Samantha Hillaire

Friends of Plumas Wilderness

PO Box 1749, Quincy, CA 95971-0207
530/283-1230
Ruth Jackson

Friends of the River

P.O. Box 5043, Chico, CA 95927
530/343-9541
www.friendsoftheriver.org
jessicarios@mindspring.com
Jessica Rios

Habitat for Humanity

3880 Benetar Way #1, Chico, CA 95928
Mailing address: PO Box 3073
Chico CA 95927
530/895-1271 fax: 530/895-0432
www.habitat.org
Pam Easterly, Director

Humanity Rising

PO Box 528, Chico, CA 95927
530/899-7719
jomaha@sunset.net
John Omaha

Lassen Forest Preservation Group

6802 Rexdale Ln.
Paradise, CA 95969-2922
530/876-1391
sayhart@infostations.com
Stephen Sayre

Little Chico Creek Watershed Group

Dept. of Biological Sciences, CSU
Chico
Chico, CA 95929-0515
530/898-6311 fax: 530/345-4525
Jean Hubbell

Middle Mountain Foundation

Sutter Buttes Naturalists
PO Box 483, Live Oak, CA 95953
530/634-6387
www.middlemountain.org
middlemountain@yahoo.com
Janice Schmide

Mill Creek Conservancy

PO Box 188, Los Molinos, CA 96055
530/595-4470 fax: 530/595-4470
milcrk1@aol.com



Kerry Burke

Neighbors for Evironmental & Fiscal Responsibility

PO Box 4512, Chico, CA 95927-4512
530/345-6125
www.shocking.com/~creeks

Northern California Regional Land Trust

167 E. Third Ave., Chico, CA 95926
530/894-7738 fax: 530/894-7738
ncrlt@shocking.com
Stacey Jolliffe, Regional Director
James P. Saake, President

Plumas Forest Project

PO Box 903, Blairsden, CA 96103
530/836-0461
John Preschutti

Protect Our Watershed

PO Box 1223, Paradise, CA 95967
530/873-6383
cont103@aol.com
Jean Crist

Sacramento River Partners

539 Flume St., Chico, CA 95928
530/894-5401 ext 22, fax: 530/894-2970
www.riverpartners.org
bflynn@riverpartners.org
Bernard Flynn

Sacramento River Preservation Trust

PO Box 5366, Chico, CA 95927
530/345-1865 fax: 530/899-5105
www.sacrivetrust.org
jmerz@sacrivetrust.org
John Merz, Chair

Sacramento River Watershed Program

Resource Center
Butte Hall, Room 612, CSU Chico
Chico, CA 95929-0425
530/898-4083 or (888) 815-3330
www.sacriver.org

Sierra Club, Yahi Group

PO Box 2012, Chico, CA 95927
530/345-2696
www.motherlode.sierraclub.org/yahi/
Linda Stuckey

Sierra Earth First!

228 Commercial St., Suite 174
Nevada City, CA 95959
530/470-0918
scott_s@oro.net
Scott Schroder

Sierra Nevada Forest Protection Campaign

915 20th St., Sacramento, CA 95814
916/442-3155 x206 fax: 916/442-3396
Sierra_Campaign@friendsoftheriver.org
Scott Hoffman

South Bidwell Park Neighborhood Association

P.O. Box 2057, Chico CA 95927
530/879-5339
www.sbpnassoc.com
JSmith3234@aol.com

Stop Bidwell Ranch

49 Forest Creek Cir.
Chico, CA 95928-4173
530/345-7205
Betty Volker

Streaminders

Chapter of Izaak Walton League
PO Box 68, Forest Ranch, CA 95942
530/895-0866
rwcole@jps.net
Roger Cole

The Nature Conservancy, Chico

Sacramento River Project
500 Main St., Suite B, Chico, CA 95928
530/897-6370 fax: 530/342-0257
www.nature.org
Dewit Zeleke

The Nature Conservancy, Red Bluff

Lassen Foothill Project
958 Washington St., Red Bluff, CA 96080
530/527-0424 fax: 530-527-0384
www.nature.org
Cori Leong

Trout Unlimited

848 Morninghome Ct., Chico, CA. 95926
530/893-3116
ep10@mail.csuchico.edu
or agroninja@yahoo.com
Eric Pooler

Valley Water Protection

7399 Hwy. 99, Oroville, CA 95965
530/343-0916 fax: 530/894-7829
colefarm@shocking.com
Linda Cole

Vallombrosa Avenue Neighborhood Association

2096 Vallombrosa Ave., Chico, CA 95926

Young Life Woodleaf

PO Box 397
Center Country School, Challenge, CA 95925
530/675-2252 fax: 530/675-0458
www.woodleaf.yl.org
Woodleaf@Woodleaf.YoungLife.Org
Shelly Miller



Snow geese at Gray Lodge



Become a BEC Member!

What does BEC do?

- Sponsors the Endangered Species Faire
- Works with Ecolife staff in classroom presentations
- Participates in public hearings on proposed developments
- Sponsors cleanups of Chico creeks
- Helps thousands of residents with recycling and toxics questions
- Monitors wetland losses

What BEC membership brings you:

- A subscription to the periodic *Membergrams*.
- The right to serve on and vote for BEC’s Board of Directors.
- Invitations to special BEC events and the Environmental Banquet.
- Most importantly, the opportunity to join more than 800 local environmental activists who help support the movement to pre-serve and enhance our natural world.

Sign me up for a BEC membership!

- ☐ \$20 Low income
- ☐ \$35 Individual
- ☐ \$50 Household
- ☐ \$100 Wetlands Watch
- ☐ \$150 Energy Elite
- ☐ \$500 Cougar Cadre (Receives 4 tickets to the Environmental Banquet)

Become a BEC Angel!

I would like to become a “BEC Angel” by pledging \$ ____ per ☐ month or ☐ quarter to BEC. Enclosed is my first payment.

Method of payment

- ☐ Electronic Funds Transfer now available. Call BEC at 891-6424 for details.
- ☐ Check, made payable to BEC.
- ☐ Credit card (circle one) Visa Mastercard Amex Discover
- Credit Card No. _____ Exp. _____
- Signature _____

Make checks payable to Butte Environmental Council. Mail this form to BEC, 116 W. Second Street., #3, Chico, CA 95928. Contributions to BEC are tax-deductible (less the cost of any premiums).

Address _____

City & Zip _____

Telephone _____

Email _____

Become a BEC Volunteer!

We need your help!

We need help — lots of help! With the Environmental Banquet, the Endangered Species Faire and the various Creek Cleanups — our small staff and Board of Directors has its hands full. Any assistance is always very much appreciated.

If you can volunteer your time (no matter how much) and/or have a special skill to share, please fill out the coupon below. If you've volunteered in the past, but aren't sure whether we have your name and current phone on file, you can also submit an updated form. We'll keep your information on file and give you a call when our needs coincide with your offer. Thank you!

Mail this form to BEC, 116 W. Second St., #3 Chico, CA 95928.

Name _____

Address _____

City & Zip _____

Telephone _____

Email _____

Times that are usually most convenient for me to volunteer:

- ☐ Weekday mornings ☐ Weekday afternoons
- ☐ Weekday evenings ☐ Weekends

I am interested in helping with the following activities (please check all that apply):

- ☐ Artwork (graphic art, illustrations, etc.)
- ☐ Various Creek Cleanups
- ☐ 23rd Annual Endangered Species Fair (Spring 2002)
- ☐ Publicity
- ☐ Soliciting sponsors/donations
- ☐ Booth construction & set-up (the day before the Faire)
- ☐ Clean-Up
- ☐ *Environmental News*, BEC’s quarterly newspaper
- ☐ Fundraising
- ☐ Office work
- ☐ Mailings ☐ News clippings (cutting & filing)
- ☐ Phones ☐ Research
- ☐ Photography (taking photos of our events and activities; nature photography)
- ☐ Writing letters to elected officials and regulatory agencies

Contribute to BEC through Earth Share of California

If your employer participates in payroll deductions for Earth Share you can make a donation to BEC in every payroll period. You may also make donations from the BEC home page at: www.becnet.org.

☐

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116 W. Second St., Suite 3
Chico, CA 95928
(530) 891-6424

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