

SECTION 4.0

Responses to Comments on the DEIS/EIR

The lead agencies distributed the DEIS/EIR on August 30, 2002, and provided a 60-day period for public and agency review, which after a 30-day extension ended December 6, 2002. In addition, the lead agencies held a public meeting on September 25, 2002, in Red Bluff, California, to receive oral comments on the DEIS/EIR. A meeting transcript was prepared. On January 30, 2007, the NEPA lead agency (Reclamation) published a Notice of Availability for the DEIS/EIR in the Federal Register (Volume 72, No. 19), which began an additional comment period lasting through March 16, 2007. Additional requests were made at this time to extend the comment period, and this request was granted by Reclamation.

A number was assigned to each commentor, and comment numbers were assigned to each comment within each letter or oral comment. Commentors' names from letters containing handwritten signatures were interpreted with the hope that the interpretation was accurate, although in some cases the commentors' signatures on the comment letters were illegible.

Mike Arkove

No. 1

Letter from D. Altmann

Gentlemen:

Re: Project update #3

I have some questions concerning solutions proposed by SWG.

- ① who pays for pumping water.
- ② where do the salmon fish go after they pass the Red Bluff Dam
- ③ why not restrict all fishing above the Red Bluff Dam so the salmon can spawn unmolested

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If I had a choice on the alternatives I would opt for 1-B (4 months gates in - By-Pass)

Thank you
D. Altmann
P.O. Box 102
Merced Ca 96063

1-1

The cost of power to pump water at RBDD is discussed in detail in DEIS/EIR Section 3.9 (page 3-271). For purposes of the EIS/EIR, it was assumed that the CVP would continue to be operated to meet authorized project purposes. Under each alternative, power usage records were reviewed for both RBDD and CVP. Projected usage for each alternative was compared to overall usage of CVP to determine the scale of the effect. Page 3-280 of the DEIS/EIR, under "Eligibility," includes a discussion of exactly where the PUP is generated and which facilities are eligible to use such power.

1-2

Salmon continue up the Sacramento River, and upstream tributaries to the Sacramento River, after passing RBDD.

1-3

CDFG regulations currently do restrict sportfishing for salmon upstream (and downstream) of RBDD. Among these restrictions, all tributaries to the mainstem Sacramento River upstream of the Feather River confluence (which includes those upstream of RBDD) are closed to fishing for salmon year-round. Additionally, the bag limit for salmon in the mainstem Sacramento River upstream of the Deschutes Road Bridge in Anderson is zero salmon in possession, year-round. Furthermore, the bag limit for salmon in the mainstem Sacramento River from January 15 to July 31 from Deschutes Road Bridge to Bend Bridge is zero salmon in possession. CDFG vigorously enforces these regulations and other regulations to maximize spawning opportunities for salmon in the reaches of the Sacramento River upstream of RBDD.

No. 2

Letter from Drs. William and Karen Shea, Dated August 23, 2002

Aug 23, 2002

Dear Sirs,

I would like to comment on the proposed plan to remove the Red Bluff Diversion Dam on a year round basis. I understand that this would eliminate Lake Red Bluff.

I do not own a boat, nor a personal water craft, nor even an inner tube or raft. I do aspire to have a raft someday! But I live in Surrey Village, and I receive great pleasure in seeing the activity on the Sacramento River as I watch it from my home and my deck.

Whether the dam is open or closed has a minimal effect on the water level where I live. So open might say, I am not directly involved. But the river is one of the nicest things in Red Bluff. I used to live in town, and go to the river park often. All good and

2-1

Thank you for your comment. Your comment has been noted.

Public input received during the scoping and document development phases of the EIS/EIR identified a number of concerns related to potential impacts to recreational resources. In response to these concerns, significance criteria were developed where applicable to account for local and regional impacts. DEIS/EIR Section 3.5.2 includes significance criteria on page 3-206 in response to public concerns associated with the potential loss of recreational opportunities. Subsequently, DEIS/EIR Section 3.5.2 identifies the anticipated impacts associated with the construction and operation of each alternative. As described in DEIS/EIR Section 3.5.2, Alternatives 2A, 2B, and 3 would either reduce or eliminate the amount of time the RBDD gates would be down and, thus, the existence of Lake Red Bluff. Impacts to lake-dependent recreational resources and use are anticipated to be greatest during the operation of these three alternatives and, as identified in DEIS/EIR Section 3.5.2, would be significant and unavoidable. Aesthetic and visual resources were also evaluated in the EIS/EIR. The Sacramento River and Lake Red Bluff were both identified during the scoping and document development phases of the EIS/EIR as key visual and aesthetic resources of concern. As described in DEIS/EIR Section 3.12.2, potential temporary and operational impacts for each alternative were identified. Although some of the temporary impacts are projected to be less than significant, the majority of anticipated impacts, particularly with respect to operations, are projected to be significant and unavoidable.

2-1

No. 2

Letter from Drs. William and Karen Shea, Continued

2

winter and spring, I would eagerly
 await the day when the dam was
 closed and the river would rise.

And I still feel sad when I drive
 over the bridges and see the almost
 empty riverbed. Please do not take
 away the short time that we do
 have to see Red Bluff. I also walk
 along the path by Lake Lane. A-
 gain, it is beautiful when the water
 is up, and sad when it is down.

Someone told me that the water
 used to be high year round. I don't
 know whether or not that is true,
 but it would be a real tragedy to
 take away the few summer months
 that we have. I know the snail-
 darters and the owls and the salmon
 are important, but I think people
 are important, too.

Please save Lake Red Bluff!

Sincerely,
 Karen Shea

2-1,
cont'd

From: mailto_cgl@www.tccafishpassage.org
Sent: Saturday, August 31, 2002 11:02 PM
To: Waldrop, Heather/RDD
Subject: MAILTO.CGI FORM DATA

No. 3

name = Dan Miller
email = danimal@tco.net
comments = Men,women,and children gave their lives for this country.We are honor bound to do the right thing for everyone. The dam gates should be left out permanantly. This magnificent river and all of its fish need to be protected now. You know it and I know it. As far as I'm concerned, anyone who supports any other alternative, should spend some time in hell for being a money grubbing, ignorant, dirtbag. Speaking of dirtbags what right does calparks company have to list themselves as a link on this website. Those lowlifes are only interested in one thing, and thats making easy money off public lands. Come to think of it their just like the Red Bluff chamber pot of commerce. Next time they start talking about mitigating an economic loss that the government will owe them; remember those individuals who gave thier lives for this country. Have some guts,do the right thing, and tell them all to go to hell!
Submit = Send

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3-1

Email from Dan Miller, Dated August 31, 2002

Thank you for your comment. Your comment has been noted.
No response is required.

No. 4

Letter from Ed Connors, Dated September 2, 2002

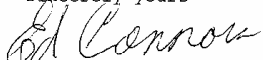
Sept, 2, 02
322 Brearcliffe Dr.
Red Bluff, Ca. 96080

Max Stodolski, Project Manager
U.S. Bureau of Reclamation
P.O. 159
Red Bluff, Ca. 96080

Dear Max;

Enclosed is a copy of my latest version of my Spill Gate proposed as an alternative in you upcoming EIS concerning the Fish Passage Problems at the Red Bluff Diversion Dam. I hope you will have it evaluated along with all other alternatives.

Sincerely yours


Ed Connors

Copy to Mike Urkov

No. 4

Letter from Ed Connors, Continued

SPILL GATES (revised Sept.'02)
A Proposed Alternative for Fish Passage at RBDD
by
Ed Connors

The purpose of this proposed alternative is to present a system by which migrating fish, both adult juvenile can readily pass through Lake Red Bluff and the Red Bluff Diversion Dam (RBDD). Little or no delay in passage is predicted for either adult or juvenile fish. Predation of juvenile fish should be little or no worse than that in an equal length of the river. This system has the potential to extend the period of RBDD gates closed position, "lake up," beyond that now enjoyed.

Half of the proposed system is New or Improved fish ladders to enable the adult fish to get up stream past the dam. These ladders are in Alternatives in the forthcoming EIS. They are worthless if not paired with a means of getting the juvenile fish down stream safely and expeditiously This I propose in the following.

I propose installing rectangular weir gates in ten of the of the eleven existing gates in the RBDD. Sill level of each weir gate is to be set at seven feet below the normal water level of Lake Red Bluff, 252.5 ft. elevation. The top line of all weir openings will be determined by what ever opening above the water level the Agencies might require. The opening for each weir would be framed in an appropriate manner. The upper eight to ten feet of each of the RBDD gates affected would require re-design and reconstruction to accommodate the weir gates. All weir gates would be remotely controlled and power operated. The type gates used will be left to the design engineers.

The capacity of the new gates were computed using the appropriate hydraulic formula. With a seven foot head of water, a weir would pass 100 cubic feet of water per second (cfs) for each foot of weir width. For the purpose of this presentation, weir gates 20 feet wide, each with a capacity of 2,000 cubic feet per second (cfs) is used. To obtain the required 40,000 cfs, specified by the Bureau of Reclamation (Bureau), for a bypass alternatives during the summer irrigation season and assuming that the same would apply with the weir gates, I suggest the following:- Place two 2,000 cfs weir gates in ten of the eleven RBDD gates. Gate number 6, in the center of the dam is reserved for a fish ladder as in current practice. The purpose of this distribution of gates is to enable maintaining a near equal flow in the two sides of the dam. To best serve the down river migrating juvenile salmon which travel near the sides of the river, and to be near the entrances to the fish ladders for the up river migration of the adult salmon. Gate closure to maintain lake level flows less the 40,000 cfs would be successive starting with gate 5 and retreating toward gate 1 and at gate 7 and retreating toward gate 11. Keeping a near balance between the two sides seems advisable. A steel chute

P 1

4-1

The commentor proposes an engineered spill-gate alternative specifically designed to safely pass juvenile fish in a downstream direction. The commentor states that little or no delay is predicted for juvenile fish, and predation of these fish should be little or no worse than that of an equal length of river. The basis of the commentor's design is to attract, guide, and safely pass the juveniles through RBDD and downstream of the dam. Vogel et al. (1988) found that mortality attributable to physical injury during passage under the RBDD gates was negligible. Johnson and Martin (1997) stated that from the many investigations conducted at RBDD, the problem of juvenile passage is two-fold: an accumulation of piscivorous (predatory) fish downstream of RBDD and from disorientation of juveniles passing under the dam gates. As Johnson and Martin (1997) stated, the cause of mortality in juvenile Chinook salmon is from the dysfunctional predator/prey relationship created by RBDD, largely from Sacramento pikeminnow. The commentor's design to pass juveniles through RBDD does nothing to alleviate the accumulation of piscivorous fish downstream of the dam nor within Lake Red Bluff. The commentor acknowledges that unanswered points of his design are the amount of turbulence, disorientation, and predation that will occur when the streamflow returns to the river. The commentor states that it certainly would be less than the present and could be insignificant. However, that point is speculative. Furthermore, the design creates a minimum of 5+ horizontal feet of fall for juvenile fish to endure as they are passed through the dam and returned to the river. This fall could result in significant disorientation and might be as great as that for the existing scenario. Most importantly, the design would not reduce the accumulation of predatory fish species downstream of RBDD and at the point of return of these juveniles to the receiving river. Thus, the dysfunctional predator/prey relationship, thought to be the primary source of mortality to juveniles at RBDD, would continue.

4-1

No. 4

Letter from Ed Connors, Continued

will be provided for each individual weir. The side and bottom of the chutes will match the weir opening. The sides match the height of the weir opening and taper in height to parallel the surface of the water flow as it will exist when operating at capacity. The bottom of the chute will be curved as shown on the drawing of the weir gate and chute shown on page 3. The chutes will be welded to the dam gates. The chutes and weir gates are to move up and down as part of the dam gates. The weir gates are to be closed before raising the dam gates for reason of clearance with the RBDD superstructure.

The total effective fall of water from the lake to the river level is 10.5 feet. (see page 3) The 10.5 foot fall is divided into two equal fall distances of 5.25 feet. The average fall distance of the seven foot head of water to the weir sill level is 3.5 feet, this is increased by 1.75 feet for a total of 5.25 feet drop before reaching the end of the chute. The energy of this 5.25 foot drop will be converted into horizontal water velocity aimed down river. The inertia of this velocity will elongate the trajectory of the falling water. The energy of the 5.25 foot fall from the end of the chute will be converted into downward vertical water velocity. Thus the water, with equal horizontal and vertical vectors will enter the river at a 45 degree angle below the river surface in a down river direction. The velocity of this water will result in a rapids which will dissipate down river.

The water flowing from the lake through the weir and chute and falling to the river will be in laminar flow with some turbulence upon entering the river. The juvenile salmon will have a smooth ride to this point. They will encounter some turbulence when the water flow changes from the 45 degree decline to the near horizontal gradient of the river and decelerates. It is expected to be less than that encountered when passing under the RBDD gates. This would result in less trauma, confusion, disorientation and predation suffered by the young salmon passing through this system than with the present system.

Note: Two points not addressed by Fisheries:-

Under the present system, during the summer irrigation season the only current on the surface of the lake is induced by the diversion flow and the flow through the fish ladders. The major flow is the excess water passing under the dam gates. With a very weak surface current to guide the juvenile fish and carry them down stream they likely become confused. The only surface outlets for them are through the fish ladders and through the irrigation diversion. The fish are screened from the diversion water and sent back to the river below the dam. Those not finding those exits have a major problem. They normally find their way by staying in the current near the surface. Here they are in a wide deep body of water with no near surface current. This is an extremely unnatural circumstance, for which these young fish are not prepared. The Bureau says they "sourd". (dive down) They get to the flow under the gates some way, but after how much delay and panic, perhaps for days. During all of this

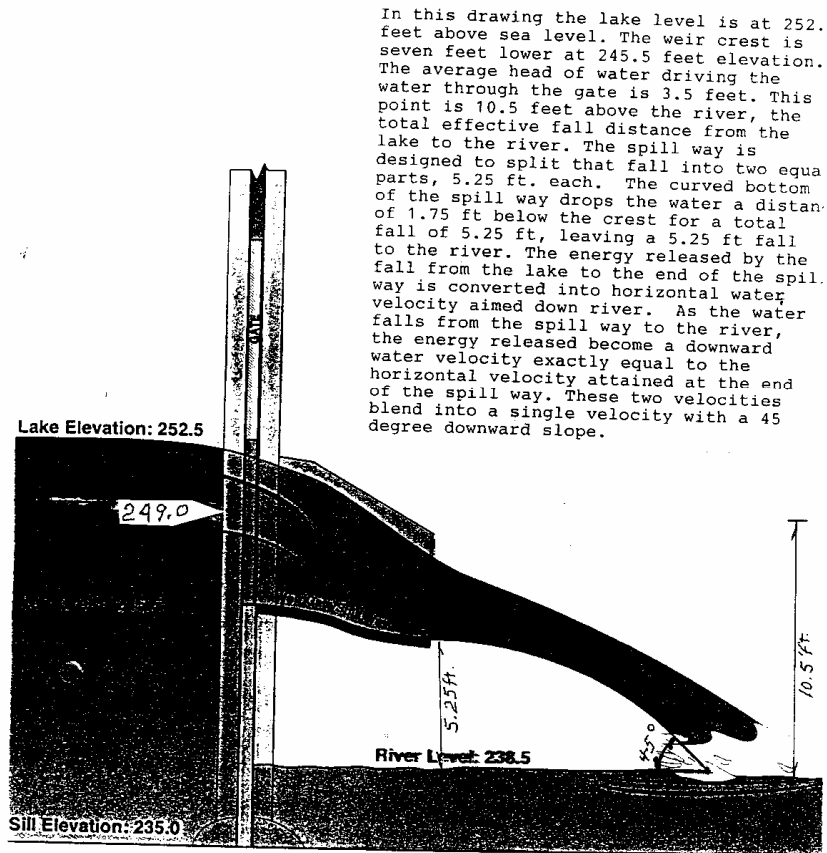
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No. 4

Letter from Ed Connors, Continued

RED BLUFF DIVERSION DAM WEIR-GATE CONCEPT



In this drawing the lake level is at 252. feet above sea level. The weir crest is seven feet lower at 245.5 feet elevation. The average head of water driving the water through the gate is 3.5 feet. This point is 10.5 feet above the river, the total effective fall distance from the lake to the river. The spill way is designed to split that fall into two equal parts, 5.25 ft. each. The curved bottom of the spill way drops the water a distance of 1.75 ft below the crest for a total fall of 5.25 ft, leaving a 5.25 ft fall to the river. The energy released by the fall from the lake to the end of the spill way is converted into horizontal water velocity aimed down river. As the water falls from the spill way to the river, the energy released become a downward water velocity exactly equal to the horizontal velocity attained at the end of the spill way. These two velocities blend into a single velocity with a 45 degree downward slope.

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P 3

No. 4

Letter from Ed Connors, Continued

delay they are subject to predation during daylight, with no shelter available. No measure of the delay, nor loss to predation, in the lake is available. Juvenile fish passing under the dam gates experience a change in pressure from more than 14 feet of water to less than 3.5 feet of water in a fraction of a second. This too contributes to their problems. Here they meet the well documents turbulence, disorientation and predation.

The most of the foregoing points are avoided by the Weir Gate System. The unanswered points are the amount of turbulence, disorientation, and predation that will occur when this stream meets the river level. Certainly it would be much less than at present and it could be insignificant.

The foregoing proposed alternative is a concept, a sound concept which in practice should remove most of the problems that juvenile salmon now have in passing the RBDD. Study and engineering are needed to turn it into a plan of operation.

Attributes of
Weir Gate/Spillway/ Fish Ladder System

- 1) It is the most secure means of delivering water into the Tehama-Colusa (TC) Canal. (gravity flow)
- 2) It would have the lowest capital cost of any proposed system.
- 3) It would have the lowest operating cost.
- 4) It has the potential of extending the period of gravity delivery of water into the T C Canal beyond the present 4 months per year.
- 5) It would be the least vulnerable to fluctuating operating and maintenance costs.
- 6) It has the potential to deliver water into the T-C canal during periods of heavy winter river flow for off canal storage for use during periods of inadequate supply from the river.
- 7) It leaves the present flood channel available for development of a salmon spawning area as was the original purpose, when that area was purchased before the dam was built. Alternatively it could be developed into a canoe/ kayak course. Possibly both could be developed.
- 8) Lake Red Bluff with all of its attributes could be extended from the present four months each year so long as it serves the salmon passage in a satisfactory degree. If it serves the salmon well then 'gates open' would apply only when the river is in flood stage or longer, if needed to flush out accumulation of sediment.
- 9) The spill of water from the lake to the river, a falls, would be a great attraction.

Comment: The Agencies involved argue that there is no such system in existence. True, there is no exact replica. However On the Sacramento River about 32 miles upriver from Red Bluff is the

p 4

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No. 4**Letter from Ed Connors, Continued**

Anderson/ Cottonwood Irrigation Dam (ACID). Two state-of-the-art fish ladders were installed there in the past year. The river spills uncontrolled over the dam. The spill here is quite turbulent. On the St. Joseph River in Michigan and Indiana there are a series of low head hydro-electric dams. Each is equipped with a single fish ladder. On each the river flows uncontrolled over the dam. The Chinook salmon navigate both up and down river with no noted problems. These are the same Chinooks as navigate the Sacramento. They were transplanted from the Sacramento River to the Great Lakes.

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P 5

P 5

09/09/02 MON 13:04 FAX 916 529 3895 USBR RED BLUFF

No. 5

Fax from Dan Miller, Dated September 9, 2002

There Is No Honor In Saving Lake Red Bluff

Men, women, and children served and died for this country, and they didn't give up their lives so one group of people could exploit a resource that belongs to everyone! I understand that some people are not capable of really appreciating nature or wildlife. What I don't understand is their indifference to it, that "I don't care" attitude is what is wrong with the world today. So on this issue, everyone is going to be held accountable, one way or the other.

Don't be fooled by what you hear or see. What your being told is that a great injustice is being perpetrated on Red Bluff. That the loss of the lake will hurt business and recreation. What your being allowed to see is a grass roots effort portraying the government as the bad guy. The only problem with this is, it isn't the truth. The real truth is, the dam is killing the river.

The reality here in Red Bluff is that we have some corrupt lobbyists masquerading as a local business organization. What they are trying to do is increase their own personal wealth, improve their private business interests, and lock out the competition, all while claiming to be championing the rights of their town. The most disgusting part of this is, they want you to believe they are defending the people of Red Bluff. The truth is that these people couldn't care less about the citizens of Red Bluff. They are in it for the money, and they don't care what they have to say or do to get it. They buy and sell political influence every day. Its a real shame that the City Council lacked the intelligence, forethought, and moral courage needed to stop this lunacy. The last thing this town needs is any more wasteful and embarrassing litigation!

Anyone who supports lake Red Bluff should be ashamed of themselves. What your saying is, your willing to pad your wallets and recreate, while the Sacramento River and its

5-1

Thank you for your comment. Responses are only given for comments that directly relate to content in the DEIS/EIR. See DEIS/EIR Section 3.2, Fishery Resources, and Section 3.4, Biological Resources, for further information pertaining to this comment.

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08/09/02 MON 13:05 FAX 916 528 3895

USBR RED BLUFF

No. 5

Fax from Dan Miller, Continued

There Is No Honor In Saving Lake Red Bluff

magnificent migratory fish runs are beaten up and killed needlessly. I can't think of anything more un-American than that.

Any rhetoric about how a new state of the art fish ladder will correct the fish passage problem is a joke. There are no alternatives. Anytime that the gates on the dam are down they create an improved habitat for predatory fish, both above and below the dam. All the professional resource firms money can buy won't be able to refute that fact.

You want some facts, okay. The dam was built in 1964, the fish ladders have only had limited success. The dam created habitat for species that prey on juvenile salmon. The Steelhead was listed as threatened in 1998. The Chinook Salmon was listed as threatened in 1999. The Red Bluff Diversion Dam is the most significant problem for fish passage in the Sacramento Valley. The Red Bluff Diversion Dam creates a delay and blocking of migrating adults, and is an impedance of returning juveniles, it has reduced spawning rates. Studies in 1987 showed a delay from 1 to 40 days, and more than 26% never passed. Above the dam Lake Red Bluff provides habitat that enhances predation on juvenile salmon. All of these facts were found on the Tehama-Colusa Canal Authority website, go check it out for yourself.

A free flowing river creates more open spaces, better fishing access for kids, better areas to hike in and enjoy the outdoors. A free flowing river gives everyone the chance to have a quality outdoor experience anytime of the year. A free flowing river means the return of the Striped Bass and the Shad to the town of Red Bluff. A free flowing river means that for the first time in almost forty years, the Salmon can regain their strength in numbers, and that alone will make us "all" a more honorable people.

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- 5-2 Thank you for your comment. Responses are only given for comments that directly relate to content in the DEIS/EIR. See DEIS/EIR Section 3.2, Fishery Resources, for further information pertaining to this comment.
- 5-3 Thank you for your comment. Responses are only given for comments that directly relate to content in the DEIS/EIR. See DEIS/EIR Section 3.2, Fishery Resources, for further information pertaining to this comment.
- 5-4 Thank you for your comment. Responses are only given for comments that directly relate to content in the DEIS/EIR. See DEIS/EIR Section 3.2, Fishery Resources, and Section 3.5, Recreational Resources, for further information pertaining to this comment.

DAN W. MILLER
RED BLUFF
09/04/02

08/09/02 MON 13:05 FAX 916 529 3895

USBR RED BLUFF

No. 5

Fax from Dan Miller, Continued

THE ROW BOAT OF DECEPTION

There are people in this community who want you to believe that without the dam the river will always look like a gravel pit. They want you to believe that the town of Red Bluff is weak and helpless, and could never return the river to its tree lined grace. They want you to believe that without the dam nobody will be able to fish from a boat in the river again. They want you to believe that without the dam there will be an end to all recreation, property values will plummet, and business will suffer.

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Well, my first question to them is, after forty years of being poisoned, polluted, ripped, and dammed are they surprised that the river looks like a gravel pit! How do they explain all of the fishing from boats, and the recreation that goes on below the dam. Don't they know that property values are at there highest growth rate ever. Don't they know that business in Red Bluff will suffer with or without the dam because of a lack of jobs and low wages. Their attitude that the town of Red Bluff is helpless to change things is an insult, but they don't care, because they have a different agenda.

Anyone who rides in the row boat of deception has a specific agenda. Their agenda is to protect at all costs, their ability to sell alcohol and concessions on public lands and make huge profits. Their agenda includes anything that will enhance their personal and private business dealings They want to continue to exploit public resources at the expense of the citizens of Red Bluff.

The average citizen in Red Bluff doesn't make one red cent off any lake related business. Only a very small group of people make money off the lake, and its big money, made with very little investment. These people think that because they have money, they can do whatever they want. They will stop at nothing to get their way. They want to keep their little gold mine because without it, they might have to work like everyone else.

- 5-5 Thank you for your comment. Responses are only given for comments that directly relate to content in the DEIS/EIR. See DEIS/EIR Section 3.12, Aesthetic and Visual Resources, for further information pertaining to this comment.
- 5-6 Thank you for your comment. Responses are only given for comments that directly relate to content in the DEIS/EIR. See DEIS/EIR Section 3.5, Recreation, and Section 3.10, Socioeconomics, for further information pertaining to this comment.

09/09/02 MON 13:06 FAX 916 529 3895

USBR RED BLUFF

No. 5

Fax from Dan Miller, Continued

THE ROW BOAT OF DECEPTION

These people are very good at covering up the truth, and making themselves out to be the good guys. They hire people to do their bidding so sometimes its hard to make the real culprits responsible. These people are so manipulative that they have pressured the Red Bluff City Council into using city funds to support a legal position that will only aid their own private business interests.

The Chamber of Commerce, the Red Bluff City Council, and their supporters can mitigate and litigate all they want to. The truth is, all the government owes anyone is to restore the river bed back to its natural state. The Chamber of Commerce, the city council and their supporters all failed the citizens of Red Bluff. They never addressed the real issues of illegal business practices, corrupt officials, poor planning, and the lack of good paying jobs.

These people tell kids to stay in school, stay away from alcohol and drugs, and take care of the environment. Then they turn around and ridicule science, make enormous profits selling alcohol, and advocate for the continued destruction of the largest river in California. Anyone, even remotely related to the row boat of deception, has a specific agenda, and that agenda does not include an environment where children or fish and wildlife can run free!

DAN MILLER
RED BLUFF
09/05/02

Email from Pat Johnston, Dated September 18, 2002

No. 6

name = Pat Johnston
 email = pmj@tehamacountynews.com
 comments = Pat Johnston
 13020 Hoy Road
 Red Bluff, CA 96080
 Home (530) 529-0873
 Business (530) 527-8956
 pmj@tehamacountynews.com
 September 18, 2002

Dear Editor,

Finally after fifteen years the City of Red Bluff, under the excellent leadership of City Manager Susan Price, the Chamber have finally woke up to the fact we are going to lose our lake, but where have they been for the last 15 years? Unfortunately by not attending historic meetings, many of these well intentioned people are pushing for the Option of the dam gates in four months. That option has never been viewed as a permanent solution, because it is killing the river. Dan Miller is right about one thing. The constant drowning and dehydrating of the river and its banks is creating silt to pile up in the river, where gravel and channels should be fish need. Important habitat is being destroyed and replaced with weeds. However, because of the economic and quality of life we have become dependent on, removing the dam is not an option either.

Saving Lake Red Bluff for needed water storage and opening up all of the bypasses would meet all river user's needs. The farmers would have plenty enough water to meet our local demands. The recreational users would still have full use of the river. With a properly constructed screen at the just above the bypasses would give baby salmon fry the opportunity to reach there destination free from the frenzied teeth of the squaw fish. The money to do this has been piddled away by government in many different ways. For instance why has the California Park Service been fixing up and investing in a campground that may have a mud hole instead of a Lake. The Bureau of Reclamation has already spent millions on ineffective and costly pumps instead of investing in opening up the bypasses.

It's easier for the National Marine Fisheries to pick on the community of Red Bluff, instead of going after commercial fisheries. The Bureau of Reclamation has always wanted the dam removed and they want to build 35 more pumps. What will they do with all of that water? Build the Westside Canal and ship it South.

Both of these agencies are using the fear of losing water to take advantage of the farmers and the Tehama County Colusa Canal Authority, under the leadership of Supervisor Bill Borrer, to get our water. How much water is going to reach Tehama County farms, with 40 screw pumps operating at 2000cfs per second? A trickle. Farmers dependent on the river below the dam will have a hard time meeting there allotments, if these agencies have anything to do with it.

The City Council and Chamber do need to be applauded for their efforts, especially hiring a lawyer, but we must come up with a real plan to fight them in court. The 4-month option has and only should be a band-aid.

Don't think the Board of Supervisors will back the Chamber's Resolution. Remember Borrer and TCCA want the dam removed. When the Supervisors finally do vote, according to Supervisor McIver, it will be after the Public Hearing on September 25 and when they do vote, it will be a split vote with one Supervisor absent so they won't have to publicly sign on or off.

The Public is suppose to know what the EIR contains by the meeting. The Supervisors should be able to also. They should take a vote now, so we know exactly where they stand on the 25th.

Opening the bypasses and using Lake Red Bluff for storage is the only sensible, fair and cost effective way to deal with this problem. Unfortunately the Bureau has never wanted to seriously look at it or do a real study on this option, because ultimately they want our water. If they can't get our water honestly through the front door, then they will get it dishonestly through the back and it appears as if the Board of Supervisors and TCCA, because of their fears of losing the water for farmers are giving the burglars permission to steal it from all of us.

Sincerely

Pat Johnston

Submit = Send

- 6-1 Thank you for your comment. Responses are only given for comments that directly relate to content in the DEIS/EIR. See DEIS/EIR Section 2.0, Description of Alternatives, for further information pertaining to this comment.
- 6-2 Thank you for your comment. Responses are only given for comments that directly relate to content in the DEIS/EIR. See DEIS/EIR Section 3.8, Agricultural Resources, for further information pertaining to this comment.
- 6-3 Thank you for your comment. Responses are only given for comments that directly relate to content in the DEIS/EIR. See DEIS/EIR Section 3.8, Agricultural Resources, for further information pertaining to this comment.
- 6-4 Thank you for your comment. Responses are only given for comments that directly relate to content in the DEIS/EIR. See DEIS/EIR Section 2.0, Description of Alternatives, for further information pertaining to this comment.

-----Original Message-----

From: Bill Treat [mailto:btreat@rbuhsd.k12.ca.us]
Sent: September 18, 2002 8:43 AM
To: tcwaterman@aol.com
Subject: RBDD

No. 7

Good morning Mr. Bullock,

Concerning RBDD and Alternative 1A:

1. What does ".... The right and left abutment fish ladders would be expanded and improved." mean? Do you have a description of the improvements proposed. Originally RBDD was to have had one ladder centrally located between the middle 3 or 4 gates. The Dam was built with the two on either side to save money.

} 7-1

2. Where will the pumping facilities be located in the ".... offsite pumping facilities...." ? Does this imply bringing in water for the TCCA from other sources?

} 7-2

Thank you for your time and consideration.

Bill Treat

Email from Bill Treat, Dated September 18, 2002

7-1

Improving and expanding fish ladders refers to the effort to upgrade the weirs within the ladders and construct additional conveyance for water to attract fish to the ladder (sometimes called an "auxiliary water system" or "AWS"). Specific details regarding the potential changes to the ladder are detailed on page 2-18 of the DEIS/EIR under Section 2.2.2, Fish Ladders. A portable center ladder has been periodically installed in the center gate to enhance fish passage and would continue to be installed under the 4-month Gates-in Alternatives. Several concepts were considered in the original designs for fish ladders; it is difficult to determine why a permanent center ladder was not included in the original construction.

7-2

The pumping facilities would be constructed on the Mill Site across Red Bank Creek from the RBDD diversion facilities. The facilities are described on page 2-12 of the DEIS/EIR under Section 2.2.1, Mill Site Pump Station. Figure 2.3-1 includes an aerial photo showing the potential facility footprint. The pump station would divert water from the same basic source as RBDD, the Sacramento River. All of the alternatives considered in the DEIS/EIR include the assumption that diversions from Stony Creek (which currently provides water during the gates-out period) would cease.

No. 8

9-17-2002

Art Bullock/Tehama-Colusa Canal Authority

Dear Mr. Bullock:

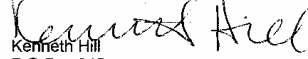
Attached are copies of correspondence I have sent to U.S.Senators Boxer and Feinstein expressing my thoughts about the planned removal of the Red Bluff Diversion Dam (RBDD). These thoughts, although not in their entirety, reflect the opinions of thousands of residents of Red Bluff and Tehama Co. Signed petitions are available for your review.

To encapsulate these letters, the RBDD was built in the 1960's and for forty plus years has efficiently supplied water to the Tehama/Colusa canal and by this canal to farmers on the west side of the Sacramento valley. Through out these years the water was supplied without the need of giant irrigation pumps. Secondly, since Shasta dam was built in the 1930's, the King salmon population has never been better in the Sacramento river. The Coleman fish hatchery above Red Bluff, on the Sacramento river, is running at maximum capacity for processing salmon eggs for future generations of King salmon.

It is my understanding that the RBDD is to be removed because of possible endangerment of the King salmon and to ensure the availability of irrigation water to our farming communities. We have more fish now and there has never been a shortage of irrigation water. What part of this scenario don't I understand?

If - for whatever reason - it is an absolute must to install the giant irrigation pumps, needed or not, the dam should be left in for emergency energy crisis situations. The natural flow of water will always be there. Once the dam is removed and it is found that the great improvements to the fish and water supplies are not forthcoming it will be too late to admit the plan was flawed from the start. If it's not broken, don't try to fix it.

Thank you for your consideration.


Kenneth Hill
P.O.Box 815
Red Bluff, Ca. 96080
530-529-2325

8-1

Letter from Kenneth Hill, Dated September 17, 2002

The first statement is misleading and inaccurate. In the years since escapement estimates have been made for the Sacramento River upstream of RBDD by CDFG using spawning area surveys (1956 through 2001), the fall Chinook salmon estimates have averaged approximately 70,000 in the mainstem river. The fall Chinook spawner escapement estimates for the same period for the CNFH and Battle Creek downstream of CNFH have averaged 30,000 fall Chinook for a total of 100,000 spawners. In the most recent 11-year period (1991-2001), spawner escapement in the mainstem Sacramento River has averaged 46,000 fall Chinook, and the CNFH and Battle Creek spawners (mostly CNFH origin) have averaged 69,000 fall Chinook for a total of 115,000 spawners. During that period, the total number of fall Chinook spawners has increased approximately 15 percent compared to that for all years since 1956. However, the proportion of mainstem (mostly natural) spawners in relation to hatchery origin (CNFH and Battle Creek estimates) has shifted from 70 percent of the total to 40 percent of the total, a 30 percent decrease in naturally produced spawners. Furthermore, the estimated number of winter-, spring-, and late-fall-run Chinook salmon spawners has dramatically decreased throughout the period since 1970, and continues to the present, as shown on Figure 3.2-1 in the DEIS/EIR. In summary, the fall Chinook salmon population in the Sacramento River may be larger, in the period since Shasta Dam was built, but the most recent trend has been a change from a predominance of natural fall-run Chinook to a dominance of hatchery-origin fall-run fish. The other populations of Chinook salmon (late-fall-run, winter-run and spring-run) have precipitously declined since at least 1970, necessitating state and federal protection under the CESA and the federal ESA.

8-2

This statement is accurate, CNFH currently has an annual production goal of 12,000,000 fall-run Chinook salmon smolts. Recent (brood-year 1998-release for 1999) production was 13,030,993 fall-run Chinook salmon smolts and 755,073 fry (CDFG/NMFS, 2001). Note: Fall-run fry-release program was discontinued after the 1999 release. For winter-run Chinook salmon, currently the annual production goal is 200,000 winter-run Chinook salmon smolts.

No. 8

Letter from Kenneth Hill, Continued

Pat Hill

From: "Pat Hill" <rioahso@snowcrest.net>
 To: "dianne feinstein"
 Sent: Tuesday, July 23, 2002 10:50 AM
 Subject: Priscilla Owens appointment
 Senator Feinstein:

If the article in the 7-23-02 S.F. Chronicle is only half correct in its statements, I do not think Priscilla Owens is deserving of your approval. It does sound like she has a record of "rewriting" the law. Her opposition to reproductive and women's rights is also a concern. I question the active roll that government now plays in women's right to begin with. I feel this is a conflict of church and state in that the battle lines are drawn between religious organizations the pro-choice women. Just my feelings.

Also, hopefully you have had a chance to come up to speed on the Red Bluff diversion dam. Its removal will not have a positive environmental impact on the Sacramento river salmon as the Bureau of Reclamation is claiming, in fact, the placing of 10 to 12 massive irrigation pumps to supply water to an already existing canal will more detrimental to the salmon population than the dam has ever been.

Thanks again for your support.

Sincerely, Kenneth Hill

} 8-4

8-2,
cont'd

Recent (brood-year 1998-release for 1999) production was 153,000 smolts. The CNFH currently has an annual production goal of 1,000,000 late-fall-run Chinook salmon smolts. Recent (brood-year 1998-release for 1999) production was 1,102,540 late-fall-run Chinook salmon smolts.

8-3

(See Response to Comment 8-1 regarding the relative numbers of Chinook salmon today versus in previous periods.) The statement regarding "**possible** (emphasis added by responder) endangerment of the king salmon" is inaccurate. The winter-run Chinook salmon, 1 of 4 runs (=races) of Chinook salmon within the Sacramento River is, in fact, currently listed as endangered, having been listed as federal endangered on February 3, 1994, and by the state on September 22, 1989. Additionally, spring-run Chinook salmon also affected by operations of RBDD **were** listed as federal threatened on November 15, 1999, and by the state on February 5, 1999.

8-4

Thank you for your comment. Responses are only given for comments that directly relate to content in the DEIS/EIR. See DEIS/EIR Section 3.2, Fishery Resources, for further information pertaining to this comment.

7/23/2002

No. 8

Letter from Kenneth Hill, Continued

7-15-2002

U.S. Senator Barbara Boxer
112 Hart Senate Office Building, Washington, D.C. 20001
1700 Montgomery St., Suite 240, San Francisco, Ca. 94111

Dear Senator Boxer:

The Federal government is again planning to usurp California states rights, against the wishes of many northern California voters, and remove a small dam from the Sacramento River.

The Bureau of Reclamation (BOR) is planning the removal of the Red Bluff Diversion Dam (RBDD) in the very near future. The BOR along with the Dept of Fish and Game have been led to believe that the RBDD is the cause of the decline and possible endangerment of the King salmon from the Sacramento River. They are basing their beliefs on inaccurate and outdated statistics and appear to be unyielding in their determination to follow thru with the dams removal in difference to thousands of citizens who have signed petitions inprotest of its removal and to the updated facts that show it is not the cause of salmon decreases.

8-5

The RBDD was built over 40 years ago in the 1960's. It raises the river level only 22 feet and with the fish ladders on both sides of the dam it has never been a deterrent to fish migration. A back up of migrating salmon below the dam has never been reported in all these years. It should be noted that the Coleman fish hatchery north of Red Bluff, on the Sacramento River, in 1999,2000,2001, had more salmon arrive via the river, past the dam, than could be processed, and the hatchery processes thousands of salmon a season. To process, the eggs are striped from the female salmon and fertilized with the male salmon sperm. The excess fish are given to canaries which package the salmon and the hatchery in return is given one of every three cans packaged, which are in turn given to state and federal institutions for their consumption. There is no shortage of salmon in the Sacramento River.

8-6

8-7

8-8

8-9

The BOR now proposes to remove the diversion dam, install ten to twelve high intake irrigation pumps, dig a very large forebay in the river botton, under the pumps to supply them with river water, turn on the electricity, and send water down the already existing diversion canal. A giant step forward claims the BOR. We now just open the gates to the diversion canal and let the law of gravity do its thing. The BOR has already installed 3 test pumps at a cost of \$50 million dollars (the projected cost was 5 to 25 mil) and has already experienced mechanical difficulties and shut downs, and incured electrical bills that are astronomical in a time of energy shortages and budget deficits. Putting more high pressure pumps that will require daily shut down to remove the dead fish that have been sucked into the protective screen, the very fish that they are trying to protect, is not the answer. If it's not broken, don't try to fix it. The

8-5

Thank you for your comment. Responses are only given for comments that directly relate to content in the DEIS/EIR. See DEIS/EIR Section 3.2, Fishery Resources, for further information pertaining to this comment.

8-6

This statement is incorrect. Numerous studies conducted since at least 1979 have evaluated the effects of RBDD on passage of salmon at the dam (Reclamation, 1985). Delay in salmon migration past the dam was shown to generally increase as both the number of gates open and the flow increases (Reclamation, 1985). Hallock (1982), using radio-tagged salmon, substantiated the problem of delay and blockage of salmon by the dam. During investigations by Hallock (1982) and Vogel et al. (1988), more than one-third of radio-tagged late-fall-run, greater than 40 percent of radio-tagged winter-run, and from 18 to 33 percent of spring-run Chinook salmon were blocked at RBDD. Vogel et al. (1988) determined that the blockage of these salmon ranged, on average, from 78 hours (late-fall-run) to 320 hours (spring-run). Recently conducted (1999-2001) radio-tagging studies using fall-run salmon at RBDD have indicated that the delay of migration past RBDD averages approximately 21 days.

8-7

This statement is incorrect. Reclamation, USFWS, and CDFG personnel at RBDD routinely observe congregations of salmon and other species downstream of RBDD when the dam gates are in. Additionally, photographic and videographic evidence is available documenting congregations of salmon, Sacramento pikeminnows, Pacific lampreys, and green sturgeon downstream of RBDD.

8-8

The statement is misleading. The large number of salmon processed at CNFH to which the commentor refers are fall-run Chinook salmon that largely migrate past RBDD following removal of the gates in September. It is true that CNFH processes thousands of these hatchery fall-run salmon annually, and does, in fact, provide the excess fish to federal programs.

8-9

The statement is misleading and inaccurate. (See Response to Comment 8-1.)

No. 8

present system of delivering water to the water districts below Red Bluff has been very effective for over 40 years, it is low maintainance, it requires very little energy, and is low cost to operate. PLEASE HELP KEEP IT THAT WAY.

} 8-10

Sincerely,

Kenneth Hill
Box 815
Red Bluff, Ca. 96080

Enc: A cry for help from the Red Bluff Chamber of Commerce.

Letter from Kenneth Hill, Continued

8-10

Thank you for your comment. Responses are only given for comments that directly relate to content in the DEIS/EIR. See DEIS/EIR Section 2.1.1, Existing Conditions, for further information pertaining to this comment.

*Printed in the Red Bluff Daily News 9/15/02
Copy to Art Bullock / Siskiyaw - Colusa Canal Authority*

No. 9

9/15/02

To:
Chamber of Commerce
City Council
Interested Citizens

From:
Rita R. Reed
195 Howell Ave.
Red Bluff, Ca 96080

Subject:
Save Lake Red Bluff

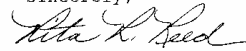
My husband and I fell in love with Lake Red Bluff 20 years ago on our travels. We always made Red Bluff our over night stay.

Sixteen years ago I retired from the Sacramento City Unified School District. We moved immediately to a home on beautiful Lake Red Bluff. Knowing the river would be back to its original state in the winter, it was still worth it to have the enjoyment of the lake in the summer. Our friends, our children and their spouses and our nine grandchildren visit regularly to enjoy the recreational convenience our home provides. We bought a small fishing boat and a patio boat for all of our visitors to enjoy along with us. Our home is called Reeds Resort because we constantly have company. Two of our children and their families moved to Red Bluff because we did.

We have contracted and gone through two docks erected by two different local contractors. We prefer to keep our shopping, repairs, etc. locally. We have gladly supported our town in all of our needs.

Water skiing, jet skiing, boating, fishing, the boat drags and the 4th of July fireworks has brought hundreds of our family and friends to town to stay with us through the years.

If Lake Red Bluff is taken away from us, so is our strong desire to stay here.

Sincerely,

Rita R. Reed

9-1

Letter from Rita R. Reed, Dated September 15, 2002

Thank you for your comment. Your comment has been noted.

Public input received during the scoping and document development phases of the EIS/EIR identified a number of concerns related to potential impacts to recreational resources. In response to these concerns, significance criteria were developed where applicable to account for local and regional impacts. DEIS/EIR Section 3.5.2 includes significance criteria on page 3-206 in response to public concerns associated with the potential loss of recreational opportunities. Subsequently, DEIS/EIR Section 3.5.2 identifies the anticipated impacts associated with the construction and operation of each alternative. As described in DEIS/EIR Section 3.5.2, Alternatives 2A, 2B, and 3 would either reduce or eliminate the amount of time the RBDD gates would be down and, thus, the existence of Lake Red Bluff. Impacts to lake-dependent recreational resources and use are anticipated to be greatest during the operation of these three alternatives, and, as identified in DEIS/EIR Section 3.5.2, would be significant and unavoidable.

} 9-1

Page 1 of 1

No. 10

Subj: **Public Comment**
Date: 9/9/2002 11:15:46 AM Pacific Daylight Time
From: fred4b@pacbell.net
To: tcwaterman@aol.com
[Sent from the Internet \(Details\)](#)

Dear Mr. Bullock

I'm writing with a concern regarding the proposals to eliminate the diversion dam in Red Bluff.

Elimination of the dam would have a financial impact on me regarding the value of my property. I have invested several hundred thousand dollars in my home which is on Lake Red Bluff just south of Adobe Park. I've spent hundreds of hours developing my river front. It's bad enough that I only get to enjoy the lake for the current 4 months.

} 10-1

By eliminating the dam it renders my river frontage useless. This in turn would devalue my property dramatically.

In reviewing the available literature, it looks like there are alternatives that would save the lake and still accommodate the salmon. The by-pass option seems like a no brainer to me, but I am not an engineer or environmentalist.

I urge whoever makes the final decision to reconsider the removal of the dam. Even if they put in pumps I cannot see why the dam should be removed. What if the pumps break? The dam works off gravity. There's no mechanics or power involved. It would seem to be "fool proof" to me.

} 10-2

Regards

Fred Fourby
21825 Mayfair Drive
Red Bluff, CA 96080

Email from Fred Fourby, Dated September 9, 2002

10-1

Thank you for your comment. As discussed on DEIS/EIR pages 3-313 through 3-315, property values adjacent to the river where the lake is formed are anticipated to decrease from operation of Alternative 2A, 2B, or 3, even though the properties will continue to have a direct view of the river. Social impacts under Alternative 2A, 2B, or 3 are also anticipated.

10-2

Thank you for your comment. RBDD will not be physically removed from the river. Under Alternative 3, the gates would be permanently raised.

Monday, September 09, 2002, America Online: Tewaterman

No. 11

Letter from Mr. and Mrs. Roy E. Lewis, Dated August 26, 2002

Mr. & Mrs. Roy E. Lewis
21870 Ottman Ave Red Bluff, CA 96080-9791
Home Phone (530) 385-1700
Email RoyRoberta@juno.com

11-1

August 26, 2002

Art Bullock
TCCA
P.O. Box 1025
Willows, CA 95988

Dear Mr. Bullock:

We are writing and making a plea for the Red Bluff Lake to remain a lake for the (4) four months of the year.

We feel the loss of Lake Red Bluff would be harmful to the city of Red Bluff and the money lost to motels, and stores because of the loss of the Hydro boat races and other activities would be significant.

} 11-1

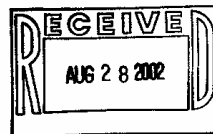
We are members of the Northern California RadioControl Unlimited Fliers, and our club hosts a regional float fly at the Red Bluff Diversion Dam, every June, it is something we all look forward to, and people come from all over, including other states to participate in this activity, it is clean, good fun and it generates business for all the local businesses, we would very much hate to loose our float fly. people talk about how lovely Red Bluff and the river are whenever we travel to their float flies. please keep this in mind before you make a choice to end our beautiful river area, it is important to us and to the community it serves.

Thanking you in advance for your time and help in this matter, we remain, respectfully yours.

Sincerely,

Mr. & Mrs. Roy E. Lewis

Mr. & Mrs. Roy E. Lewis



Operation of many of the alternatives would result in some level of economic impact. As described in DEIS/EIR Section 3.10, Socioeconomics, potential impacts to the local economy of Red Bluff and Tehama County in general were identified as a key concern during the scoping and document development phases of the EIS/EIR. Potential impacts associated with the following key issues/concerns were evaluated: economic losses from reduced lake-dependent recreation and tourism spending (beginning on page 3-307), loss of the Nitro Nationals drag boat races (beginning on page 3-310), property value impacts (beginning on page 3-313), fiscal impacts to City of Red Bluff (beginning on page 3-315), and reduced quality of life and loss of community cohesion (beginning on page 3-317). Potential direct, indirect, and induced effects were evaluated using Implan, a model developed by the U.S. Forest Service (USFS) and commonly used to analyze potential economic impacts. As described on DEIS/EIR pages 3-305 and 3-306, this model was used to evaluate potential economic effects in Tehama County. The anticipated construction and operation impacts associated with each alternative are further discussed beginning on DEIS/EIR page 3-318 with a summary table of impacts (Table 3.10-14) followed by a discussion by alternative. As discussed on DEIS/EIR pages 3-319 through 3-322, potential socioeconomic impacts associated with each alternative are anticipated to range from positive economic benefits during the construction phase of each alternative, to significant unavoidable impacts for some alternatives during operation. Depending on the alternative, impacts are identified as being less than significant in the context of the local/county economy or, in the case of Alternative 3 (Gates-out Alternative), operations-related socioeconomic impacts would be significant and unavoidable. As identified in DEIS/EIR Table 3.10-14, the combined impact of reduced recreation and tourism, as well as the loss of the Nitro Nationals, from the operation of Alternative 3 would result in an annual loss of \$4.2 million/year; operation of Alternative 2A or 2B would result in an annual loss of \$3.5 million/year. This loss represents less than 1 percent of annual sales in Tehama County, and approximately 1.9 percent or 1.1 percent, respectively, of the City of Red Bluff's total revenues from sales and taxes. Although local economic impacts are projected to occur through the loss of sales and employment in the case of Alternatives 2A, 2B, and 3, it is not

No. 11**Letter from Mr. and Mrs. Roy E. Lewis, Continued**

11-1,
cont'd

anticipated that a loss of 1.9 percent of the City of Red Bluff's total revenues from sales and taxes would initiate an economic chain reaction that would cause a large number of business closures. Therefore, no resultant permanent or long-term vacancy of retail space, or eventual physical deterioration, decay, or urban blight within the downtown area is projected. Page 3-321 of the DEIS/EIR, Impact 3-S2, states that "the sum total of the various impacts of this alternative would result in a significant economic impact to the local community."

Mabel

No. 12

Subj: lake red bluff
Date: 9/23/2002 11:29:22 AM Pacific Standard Time
From: chfive@snowcrest.net
To: tcwaterman@aol.com
Sent from the Internet (Details)

12-1

Email from Glen Ransford, Dated September 23, 2002

Thank you for your comment. Your comment has been noted.
No response is required.



I think we need to do all we can to save lake red bluff, the government is trying all over the country to take control of private and county business, i think the local government here knows what is best for the people of red bluff.

} 12-1

thank you

Glen Ransford

Tuesday, September 24, 2002, America Online: Tcwaterman

No. 13

Email from Anatole and Adele U. Balmy, Dated September 24, 2002

Subj: Lake Red Bluff
Date: 9/24/2002 10:54:10 AM Pacific Standard Time
From: abalmy@snowcrest.net
To: twaterman@aol.com
Sent from the Internet (Details)

- 13-1 See Response to Comment 11-1.
- 13-2 See Response to Comment 2-1.

We are in full accord that Lake Red Bluff be retained. It has been a boost economically for Tehema County, as well as an important source of education for our youth. The Discovery Center and surrounding activities would not be enhanced as they are now. The recreation and special events which depend on Lake Red Bluff would grind to a halt. This beautiful waterway should not be taken from the North Valley. } 13-1
Please, add our names to the list of supporters. } 13-2
Thank you,
Anatole and Adele U. Balmy

Tuesday, September 24, 2002 America Online: Twaterman

No. 14

Email from Leland J. and Dixie Lee Rice, Dated September 24, 2002

Subj: **SAVE LAKE RED BLUFF**
Date: 9/24/2002 11:35:13 AM Pacific Standard Time
From: ctilly@rtr.net
To: tewaterman@aol.com
Sent from the Internet (Details)

14-1 See Response to Comment 2-1.

Art Bullock:
Dear Art:
You may add our own names to support you in your endeavor to save Lake Red Bluff. To lose such a beautiful } 14-1
amusement area would be devastating to one and all.
Leland J. and Dixie Lee Rice
Box 5317
Corning, Ca. 96021

Tuesday, September 24, 2002 America Online: Tewaterman

No. 15

I support alternative 1a endorsed by the Red Bluff City Council in its resolution adopted on May 07, 2002. I believe this alternative will serve in the best interest of all parties involved. You may accept and count this notice as my vote for alternative 1a.

} 15-1

Sandra Hayes
20060 Live Oak Road
Red Bluff, CA 96080

Sandra Hayes 09-23-02

Letter from Sandra Hayes, Dated September 23, 2002

15-1

Thank you for your comment. Your comment has been noted.
No response is required.

-----Original Message-----
 From: mailto_cgi@www.tccafishpassage.org
 [mailto:mailto_cgi@www.tccafishpassage.org]
 Sent: Tuesday, September 24, 2002 11:19 PM
 To: Waldrop, Heather/RDD
 Subject: MAILTO.CGI FORM DATA

No. 16

name = Hank Bowen
 email = hbowen@cwnet.com
 comments = After reviewing the draft EIS/EIR I feel the alternate 1a would best satisfy
 the needs of the fish passage and providing for the irrigation needs of the farmers in
 this vital agricultural region of our nation. Plus, it also provides the additional
 benefits of recreational opportunities for many. please state directly if your comment
 pertains to the Draft EIS/EIR.
 Submit = Send

} 16-1

Email from Hank Bowen, Dated September 24, 2002

16-1

Thank you for your comment. Your comment has been noted.
 No response is required.

No. 17

Younkers, Sharon/RDD

From: Waldrop, Heather/RDD
Sent: September 26, 2002 10:23 AM
To: Younkers, Sharon/RDD
Subject: FW: MAILTO.CGI FORM DATA

Comment.

-----Original Message-----

From: mailto_cgi@www.tccafishpassage.org
{mailto:mailto_cgi@www.tccafishpassage.org}
Sent: Wednesday, September 25, 2002 5:16 PM
To: Waldrop, Heather/RDD
Subject: MAILTO.CGI FORM DATA

name = Juliet Lamont
email = jandp@dnai.com I am writing in to voice my opposition to the Red Bluff Diversion Dam operations.

The dam prevents fish passage, and negatively impacts fish habitat in a critical salmon-run river.

Please operate the dam to a "gates out" system AT ALL times, with the eventual removal of the dam altogether.

Thank you.

Sincerely,
Juliet Lamont
Ph.D., Environmental Planning
2249 Glen Ave.
Berkeley, CA 94709
Submit = Send

} 17-1

17-1

Email from Juliet Lamont, Dated September 25, 2002

Thank you for your comment. Your comment has been noted.
No response is required.

No. 18

x Art Bullock/TCCA
P.O.Box 1025
Willows, CA 95988

18-1

Letter from James A. Bowen, Dated September 24, 2002

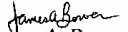
Thank you for your comment. Your comment has been noted.
No response is required.

RE: Draft EIS/EIR Fish Passage Study

9-24-02

After review of Draft EIS/EIR, I would like to express my support for alternative 1A As indicated in the study. I believe this alternative best meets the purposes of the study. Namely, an improved ladder will mitigate the concerns for the fish passage, and by lowering the gates for the 4 month period will help supply the needed water supply for our area farmers. Plus, this alternative provides much need recreational Benefits for the area.

} 18-1


James A. Bowen
180 S. Main St. #49
Red Bluff, CA 96080

No. 19

September 25, 2002

We need balance when evaluating the concern over the Red Bluff Diversion Dam. All aspects must be taken into consideration: the economy, public entertainment, recreation, public access, as well as the fish.

Without the dam, Red Bluff will lose more of its economic base, and there is not much left to lose. We need the revenue from events such as the boat drags that bring tourists to our town where they fill up our hotels and spend money. Red Bluff lost so much when we lost the timber industry. We cannot afford to see that happen again.

Removing the dam will not restore the river to its original state. To do that, you would need to remove all dams, including Shasta Dam. Anything that draws water out of the river, like pumps, also affects the fish. We need water for farmers in our state, and that requires reservoirs. } 19-1

- If the fish are in such short supply:
- ❖ Why do we still sell fishing licenses? (By the way – I do fish) } 19-2
 - ❖ Why are there more salmon at Coleman Fish Hatchery than can be processed? These fish have to come through the fish ladder. } 19-3
 - ❖ Why can Native American tribes take an unlimited number of fish? It doesn't matter where the fish are going if there's a shortage. } 19-4

These are just some of the factors that also contribute to dwindling numbers of salmon. They are not right or wrong, they just other factors that won't change by removing the dam.

For my family personally, losing Lake Red Bluff means lost opportunities for some special family time. We keep our boat in the water for the entire four months the dam is closed. We have dinner on river almost every night. This is wonderful time for us as a family to be together, fish, or just watch the wildlife as we float down the river. The day-to-day distractions such as TV and telephones are gone. Our family, along with many others will lose this opportunity. } 19-5

We are concerned about maintaining fish populations. However, we also believe that there needs to be a balance between fish concerns and people concerns. That is where we will find the best answer. We should learn from the past that one extreme or the other does not solve the problem. } 19-6

We strongly believe that maintaining the current time that the gates of the Red Bluff Diversion Dam are closed keeps that balance.

Matt and Sue Ampì
115 Corona Ave
Red Bluff, CA
530-527-5716

Letter from Matt and Sue Ampì, Dated September 25, 2002

19-1 Thank you for your comment. Responses are only given for comments that directly relate to content in the DEIS/EIR. See DEIS/EIR Section 3.2, Fishery Resources, for further information pertaining to this comment.

19-2 Many species are fished for in the upper Sacramento River in addition to salmon. Californians as a whole demand sportfishing opportunities, and the Fish and Game Commission (FGC) and CDFG are funded and obligated under state regulations to provide that opportunity. The CDFG, under direction of the FGC, regulates the sportfisheries in California for all species, including salmon in inland waters. The CDFG regulations provide angling restrictions that prohibit angling for listed species (e.g., winter- and spring-run Chinook salmon, and steelhead) within inland waters where those species occur. In addition, ocean recreational angling (legally conducted with a valid California sportfishing license) are regulated by the Pacific Fishery Management Council (PFMC) in cooperation with the FGC. Limiting the sales of fishing licenses would not provide additional protection beyond the regulations currently in effect for those fish species of concern.

19-3 The overabundance of fall-run Chinook salmon returning to CNFH are as a result of many factors, including, but not limited to, hatchery operations, freshwater and habitat conditions in the ocean, and commercial and recreational fishing efforts. Only a fraction (approximately 25 percent) of adult fall-run Chinook salmon returning to the upper Sacramento River, including those returning to CNFH, pass through RBDD during the period when the ladders are in operation. The remaining 75 percent of those fall-run fish pass RBDD during the period after September 15 when the RBDD gates are out of the river and the ladders are not functioning or necessary.

19-4 In no instance nor at any location can Native American tribes take an unlimited number of fish. In the Sacramento River, Native American tribes do not have any additional allocation or right to harvest fish beyond that regulated by CDFG under the inland sportfishing regulations. In the ocean, recreational angling and commercial harvest are regulated by PFMC in cooperation with the FGC.

No. 19**Letter from Matt and Sue Ampí, Continued**

- 19-4, cont'd In management of the mixed-stock ocean salmon fishery, Native American tribal fishing allocations are assigned to the terminal watersheds to which the salmon escape (i.e., the Klamath River). In those terminal fisheries in which there is an assigned Native American tribal allotment, in no case do the tribes have the right to take an unlimited number of salmon. The Sacramento River does not have a tribal allocation for harvest of salmon. As stated above, the ocean fishery is regulated as a mixed-stock fishery, and the following management objectives specifically address harvest of listed salmon species in California: (1) Escapements of salmon stocks listed under ESA will meet or exceed NMFS's jeopardy standards of the objectives of the NMFS's recovery plans. (2) In managing mixed-stock salmon fishing, PFMC will establish maximum exploitation rates based on the level than can be sustained by the weakest natural spawning stocks for which specific management objectives have been defined in the Plan and which are consistent with NMFS jeopardy standards or recovery plans for stocks listed under ESA.
- 19-5 See Response to Comment 9-1.
- 19-6 Thank you for your comment. Your comment has been noted. No response is required.

No. 20**Letter from Stephen Downey, Dated September 25, 2002**

September 25, 2002

Stephen Downey
20902 Pebblestone Dr.
Red Bluff, CA 96080

Mr. Art Bullock

Dear Mr. Bullock:

I am writing to express my concern about the proposed permanent closing of the Red Bluff Diversion Dam as we now know it. My wife and I are Los Angeles transplants who moved up to Red Bluff in 1991 in large part because of the beauty of the town and the fact that the Sacramento River runs right through it.

When I was growing up, my family would come to Red Bluff every summer to visit our aunt and uncle and their family. I have MANY fond memories of days spent on the slough with my cousins, boating and swimming in the river. I learned to water-ski on this river when I was just in grade school. My cousin, Joe Dominick, was a part of the group that put in the original water ski course in the slough. The fun I had during those summers left a lasting impression on me, forming my desire to move to Red Bluff when I reached adulthood. That desire to relocate was still strong when I met the girl who would become my wife. After a year of dating, I sat her down and explained to her that I was going to live in Red Bluff someday and if that was not acceptable to her, then we needed to break it off right then. I brought her to Red Bluff to show her all the wonderful aspects of small town living, especially the river, and she was hooked. A few years later we settled in Red Bluff to start our family.

Our kids have all been strapped into their vests for boat rides even before their little heads reached out the top of their vests. Whenever, we have out-of town visitors, our favorite activity is to wait until a bit before sunset, then launch the boat, drive it up to the top of the Surrey Village area, kill the motor and float all the way back down, sipping liquid refreshments and nibbling on a light snack. We have found no better way to explain to some of our "big city" friends why we live here than to give them a tour of the river.

Having the river in town is so convenient. Going all the way to Whiskeytown or Shasta Lake to go skiing means a full day commitment. Having the river in town means a quick 2 hour ski run after work or a mid morning tubing venture with the kids before naptime. The convenience of being in town means the expensive watercraft we own actually gets used!

} 20-1

I am a general contractor and have built a lot of home for people who have recently moved to this area. Conversations with these clients have revealed that the river plays a large part in setting the tone for a much more peaceful and serene lifestyle than they are accustomed to in the Bay Area.

The river as we all know it means a lot of different things to different people. Some enjoy it for its beauty, some for its recreation, some for its fishing. Others enjoy it for the tourism dollars it brings to Red Bluff every year. The Boat Drags, for example, is a highly attended event that brings in a lot of visitors from out of town that spend their money in Red Bluff's motels, restaurants and shops.

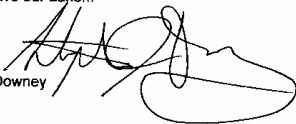
The closing of the dam year round would forever alter the town. There will be no way to gain back all that we will lose—the peaceful, beautiful river; the boating and skiing recreation; the decrease in fishing and the loss of revenue from the decrease in tourism.

} 20-2

Please, save our Lake!!!

Sincerely,

Stephen Downey



- 20-1 Thank you for your comment. Your comment has been noted. No response is required.
- 20-2 Thank you for your comment. Your comment has been noted. No response is required.

No. 21

Letter from Teri Downey, Dated September 25, 2002

September 25, 2002

Good evening. My name is Teri Downey and I have been a resident of Red Bluff for 11 years.

I am here tonight to express my concern about the proposed permanent closing of Lake Red Bluff as we now know it. My husband and I are Los Angeles transplants who moved up here in 1991 in large part because of the beauty of the town and the fact that the Sacramento River runs right through it. Back when I was dating my husband, he began to talk about moving to Red Bluff. He drove me up here to show me all the wonderful aspects of small town living, especially the river, and I was hooked. A few years later we settled in Red Bluff to start our family.

Our kids have all been strapped into their vests for boat rides even before their little heads reached out the top of their vests. Having the river in town is so convenient. Going all the way to Whiskeytown or Shasta Lake to go skiing means a full day commitment. Having the river in town means a quick 2 hour ski run after work or a mid-morning tubing venture with the kids before naptime. The convenience of the Lake being in town means the expensive watercraft we own actually gets used!

} 21-1

Whenever we have out-of town visitors, our favorite activity is to wait until a bit before sunset, then launch the boat, drive it up to the top of the Surrey Village area, kill the motor and float all the way back down, ~~shifting and refueling and tubing on a tight sack~~. We have found no better way to explain to some of our "big city" friends why we live here than to give them a tour of the river.

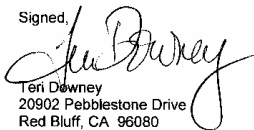
The river as we all know it means a lot of different things to different people. Some enjoy it for its beauty, some for it's recreation, some for it's fishing. Others enjoy it for the tourism dollars it brings to Red Bluff every year. The Boat Drags, for example, is a highly attended event that brings in a lot of visitors from out of town that spend their money in Red Bluff's motels, restaurants and shops.

The closing of the dam year round would forever alter this town. There will be no way to gain back all that we will lose—the peaceful, beautiful river; the boating and skiing recreation; the decrease in fishing and the loss of revenue from the decrease in tourism.

} 21-2

Certainly all of us concerned citizens here tonight deserve to have our rights protected. We pay our taxes and we should not be discounted by governmental agencies that do not seem interested in trying to work out a solution acceptable to all parties involved. The river is the heart of this town—please, do not break our heart. **Save Lake Red Bluff!**

Signed,



Teri Downey
20902 Pebblestone Drive
Red Bluff, CA 96080
(530) 527-1207

21-1 Thank you for your comment. Your comment has been noted. No response is required.

21-2 Thank you for your comment. Your comment has been noted.

Public input received during the scoping and document development phases of the EIS/EIR identified a number of concerns related to potential impacts to recreational resources. In response to these concerns, significance criteria were developed where applicable to account for local and regional impacts. DEIS/EIR Section 3.5.2 includes significance criteria on page 3-206 in response to public concerns associated with the potential loss of recreational opportunities. Subsequently, DEIS/EIR Section 3.5.2 identifies the anticipated impacts associated with the construction and operation of each alternative. As described in Section 3.5.2, Alternatives 2A, 2B, and 3 would either reduce or eliminate the amount of time the RBDD gates would be down and, thus, the existence of Lake Red Bluff. Impacts to lake-dependent recreational resources and use are anticipated to be greatest during the operation of these three alternatives and, as identified in Section 3.5.2, would be significant and unavoidable.

In addition to the anticipated impacts to recreational uses, operation of many of the alternatives would result in some level of economic impact. As described in DEIS/EIR Section 3.10, Socioeconomics, potential impacts to the local economy of Red Bluff and Tehama County in general were identified as a key concern during the scoping and document development phases of the EIS/EIR. Potential impacts associated with the following key issues/concerns were evaluated: economic losses from reduced lake-dependent recreation and tourism spending (beginning on page 3-307), loss of the Nitro Nationals drag boat races (beginning on page 3-310), property value impacts (beginning on page 3-313), fiscal impacts to City of Red Bluff (beginning on page 3-315), and reduced quality of life and loss of community cohesion (beginning on page 3-317). Potential direct, indirect, and induced effects were evaluated using Implan, a model developed by USFS and commonly used to analyze potential economic impacts. As described on DEIS/EIR pages 3-305 and 3-306, this model was used to evaluate potential economic effects in Tehama County. The anticipated construction and operation impacts associated with each alternative are further discussed beginning on DEIS/EIR page 3-318 with a summary table of impacts (Table 3.10-14) followed by a discussion by alternative.

No. 21**Letter from Teri Downey, Continued**21-2,
cont'd

As discussed on DEIS/EIR pages 3-319 through 3-322, potential socioeconomic impacts associated with each alternative are anticipated to range from positive economic benefits during the construction phase of each alternative, to significant unavoidable impacts for some alternatives during operation. Depending on the alternative, impacts are identified as being less than significant in the context of the local/county economy or, in the case of Alternative 3 (Gates-out Alternative), operations-related socioeconomic impacts would be significant and unavoidable. As identified in DEIS/EIR Table 3.10-14, the combined impact of reduced recreation and tourism, as well as the loss of the Nitro Nationals, from the operation of Alternative 3 would result in an annual loss of \$4.2 million/year; operation of Alternative 2A or 2B would result in an annual loss of \$3.5 million/year. This loss represents less than 1 percent of annual sales in Tehama County, and approximately 1.9 percent or 1.1 percent, respectively, of the City of Red Bluff's total revenues from sales and taxes. Although local economic impacts are projected to occur through the loss of sales and employment in the case of Alternatives 2A, 2B, and 3, it is not anticipated that a loss of 1.9 percent of the City of Red Bluff's total revenues from sales and taxes would initiate an economic chain reaction that would cause a large number of business closures. Therefore, no resultant permanent or long-term vacancy of retail space, or eventual physical deterioration, decay, or urban blight within the downtown area is projected. Additionally, as discussed on DEIS/EIR pages 3-313 through 3-315, property values adjacent to the river where the lake is formed are anticipated to decrease from operation of Alternative 2A, 2B, or 3, even though the properties will continue to have a direct view of the river. Social impacts under Alternative 2A, 2B, or 3 are also anticipated.

Aesthetic and visual resources were also evaluated in the EIS/EIR. The Sacramento River and Lake Red Bluff were both identified during the scoping and document development phases of the EIS/EIR as key visual and aesthetic resources of concern. As described in DEIS/EIR Section 3.12.2, potential temporary and operational impacts for each alternative were identified. Although some of the temporary impacts are projected to be less than significant, the majority of anticipated impacts, particularly with respect to operations, are projected to be significant and unavoidable.

LINDAUER RIVER RANCH, INC.
 11790 TYLER ROAD
 RED BLUFF, CA 96080

No. 22

Letter from Ken Lindauer, Dated September 25, 2002

September 25, 2002

To: The Bureau of Reclamation and the Tehama Colusa Canal Authority
 From: Ken Lindauer Owner/Operator Lindauer River Ranch
 RE: Diversion Dam Options

I am in favor of leaving the gates down for the four month period as you are now currently operating the system.

During the past 45 years or so that the Dam has been extant, the Red Bluff community has built up enterprises, homes and recreation activity based on the annual presence of the lake. I feel there is not enough environmental justification to now take this lake away from the community that is now making such good use of Lake Red Bluff. I present several comments to justify my position.

First, the TCCA Board seems to favor leaving the gates up because they say they do not want to battle the Fish and Wildlife and environmental advocates ad infinitum over this gate issue. Good point, but I feel that as farmers we will continue to have to justify our existence, gates up or down, and we will need to continually build on our solid basis as good stewards of the land.

The TCCA Board is of the opinion that it will be less expensive to pump than to maintain the Dam because of low electric rates for pumping and the high cost of the Dam maintenance. This may be true now, but over the next 50 years I think gravity flow water has to be the least expensive delivery method. Also, the Dam has to be maintained, and someone will foot the bill; probably the BOR, if they can't justify charging the TCCA. Maintenance of a large pumping unit is a real cost too. Lastly, we recently spent millions of dollars (\$23 million as I recall) for the rotary screen and inlet system for the canal that we should continue to use until absolute better systems are developed. I think it is wrong to now to just turn around and spend millions more, again, to put in pumps and a new screening and intake system. It's working, don't "fix" it.

In addressing the fish in relation to the dam, I first want to point out the great improvement in the volume of cold, clean water that now runs in the river year around compared to the years prior to 1945 when there was no Shasta dam. This supply of cold, clear water has greatly enhanced the fish habitat in the Sacramento River. The river now has several runs of Salmon and good trout fishing year around. Much better than before the 40's, in spite of what some old timers may expound. Sure, the diversion dam may impede salmon migration a little but its significance, I feel, is incidental compared to the huge improvement in water quantity and quality caused by Shasta Dam. Without Shasta

- 22-1 Thank you for your comment. Your comment has been noted. No response is required.
- 22-2 Thank you for your comment. Responses are only given for comments that directly relate to content in the DEIS/EIR. See DEIS/EIR Section 2.1.1, Existing Conditions, for further information pertaining to this comment.
- 22-3 Reclamation anticipates a gates-in period between July 1 and the end of Labor Day weekend; TCCA has no position on changes in gate operations. Maintenance costs for the new facilities will be TCCA's responsibility. Maintenance costs for the existing RBDD facilities are not known at this time. Table A-11 in Appendix A (page A-58) of the DEIS/EIR lists the projected maintenance costs for various alternatives at the dam.
- 22-4 Thank you for your comment. Responses are only given for comments that directly relate to content in the DEIS/EIR. See DEIS/EIR Section 2.1.1, Existing Conditions, for further information pertaining to this comment.
- 22-5 The Sacramento River has always had several runs (four) of salmon and trout (steelhead). These runs occurred prior to the construction of Shasta Dam and RBDD. No habitat benefits to salmonid species were derived from the construction of Shasta or Keswick Dam. For example, gravel recruitment necessary for Chinook salmon spawning has been cut off by the placement of the dams on the upper Sacramento River. Since the construction of Shasta and Keswick Dams, it has been necessary to place large volumes of spawning gravel into the river downstream of Keswick Dam to replace these gravels. During a period after the construction of Shasta Dam, some of the salmon runs (winter-run Chinook) in the Sacramento River benefited from the presence of cold water in months when it was not historically available (June through August). Following the construction of Shasta Dam, the numbers of winter-run Chinook salmon spawners returning to the upper Sacramento River peaked at approximately 119,000 in 1969. However, since 1969, winter-run Chinook salmon and other Chinook runs' spawner escapements have declined precipitously despite the perceived "benefits" in water quantity and quality, and fish habitat accruing from the construction of Shasta Dam and RBDD.
- 22-6 This statement is incorrect. See Response to Comment 8-6.

} 22-1

} 22-2

} 22-3

} 22-4

} 22-5


} 22-6

No. 22

Dam, what do you suppose the Sacramento River would now look like, environmentally, with the population we now have in its watershed?

I question whether the fish preservation advocates have any case at all that the diversion dam is significantly affecting fish populations when one looks at the larger river watershed environment. } 22-7

The dam is built, it's there, it's working, and we have already spent way more money than needed playing around with new engineering and environmental ideas like the 3 1/2 mile dual purpose canal section. Let's leave well enough alone now. } 22-8


Ken Lindauer

Letter from Ken Lindauer, Continued

22-7 Thank you for your comment. Responses are only given for comments that directly relate to content in the DEIS/EIR. See DEIS/EIR Section 3.2, Fishery Resources, for further information pertaining to this comment.

22-8 Thank you for your comment. Your comment has been noted. No response is required.

Letter from Don Polson

No. 23

23-1 See Response to Comment 10-1.

445 Main Street • Red Bluff, California 96080 • (530) 529-1331 • Fax (530) 529-1336



“Just a note to thank you so very much for taking care of the sale of my home. I never had a doubt!”
Mary J.

“Don was the only one who hung in there til we found the right place.”
Jim and Charlene J.



To Whom It May Concern:

As a Realtor with over 8 years of full time experience listing and selling homes, land, apartments and businesses in Tehama County; as a past president of the Tehama County Association of Realtors and as a property owner I want to weigh in on the possible effects of removing the Red Bluff Diversion dam from the Sacramento River.

The value of homes along the river would suffer the greatest impact on their value, due to the declining appeal of visual beauty as well as losing the utility and enjoyment of the lake in the summer. There would be a ripple effect on the overall value and desirability of homes in greater Red Bluff due to the overall decline of a market for homes in the surrounding area.

} 23-1

I have listed and sold homes on the River and Lake Red Bluff and can state unequivocally that those homes would have had a much harder time in any kind of market if the lake ceased to exist in the summer months.

I would be happy to provide further data if anyone were to contact me.

Sincerely,

Don Polson
Don Polson

No. 24

Barbara Ramey
 325 Brearcliffe Drive
 Red Bluff, CA 96080
 530 527-6773
jimboy@snowcrest.net

September 25, 2002

RE: EIS/EIR Fish Passage Improvement Project at the
 Red Bluff Diversion Dam

As a member of the Red Bluff Community I have been attending meetings regarding the Red Bluff Diversion Dam for ten years. I have attended public forum meetings and focus group meetings. During these meetings members of the Red Bluff Community have consistently stated that their preference was the Dam gates remain down creating Lake Red Bluff year-round.

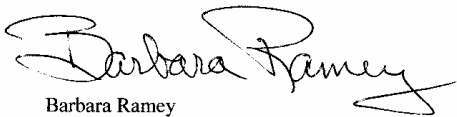
The Bureau of Reclamation and the Bureaucrats involved in this process have ignored our input. There has been little, to no, effort put into finding a solution that would maintain the Lake year-round. The Bureaucrats have done such a good job of ignoring the preference of the public that we are now down to only options that all involve the loss of the Lake for a minimum of eight months annually. It is my opinion that the Bureau had made the determination ten years ago that pumps were the solution (the only solution) to the problems at the RBDD and their actions since have been designed to fulfill this vision. As a member of the community who has spent ten years attempting to impact the outcome of a government agency I wish to go on record as stating that I am disappointed and disillusioned in the process.

} 24-1

} 24-2

As our options to save our Lake have been limited by the manipulation of the system I reluctantly support option 1A, as the least odious of the options.

Sincerely,


 Barbara Ramey

Letter from Barbara Ramey, Dated September 25, 2002

- 24-1 Thank you for your comment. Responses are only given for comments that directly relate to content in the DEIS/EIR. See DEIS/EIR Section 2.0, Description of Alternatives, for further information pertaining to this comment.
- 24-2 Thank you for your comment. Your comment has been noted. No response is required.

No. 25**Letter from Butch and Terry Shaw****“WE ALL HAVE FAVORITE PLACES”**

25-1

Thank you for your comment. Your comment has been noted.
No response is required.

Dear Sirs:

We have lived here since the 70's and have enjoyed the river for many years. Whether looking at its beauty from afar or boating it after a long days work or waiting for the weekend, to drop the boat in the water at the City Park to run up river and see the early morning light just hitting the bluffs and trees and all the wild life out at the first part of the day. How can you change the joy we have in the simple pleasure of just going fishing right here in our area, without having to fight the mass of people at our lakes and saving gasoline to get to another body of water when we just go to the local City Park and put in for a few months of pleasure and relaxation. We spend our dollars locally on supplies instead of spending in another county. Red Bluff has been a jewel to live in for many people and for many years. We can make a good living here and have a good life, and a big part of that good life has been the use of the river to enjoy its beauty and calming effects. Just take a kayak out and float down river or just float in a boat . It can take all the stress away from the busy life we all seem to have now. Everybody needs the river, whether you have that big boat or are just a family that has children that just want to cool off in the summer on the edge of our beautiful river. We all have the right to enjoy it. As a tax payer, we have seen a lot of money going toward the fish population, are we going to see all that go down the drain because of your dicesion. I don't know where you people are from, you might even be from around here, but we have a beauty here in the very hot summers that can't be replaced. The seer joy and the visual majesty of having our river still here – even if only for a few months of the year to just float and enjoy life, you really just don't know how important it is to many of us here. People need rights too.

25-1

“THIS IS OUR FAVORITE PLACE”

Thank you,

Butch and Terry Shaw
P.O. Box 8762
Red Bluff, California 96080

No. 25

Letter from Butch and Terry Shaw, Continued



This place would be
harder for us to get
to without the City Park Ramps!
Great place to Post & Relax
or Read a good Book.
Photos & graphics by:
Terry Shaw

No. 26

Letter from Rob Gibbs, Dated September 25, 2002

September 25, 2002

Bureau of Reclamation
% Max Stodolski
P.O. Box 159
Red Bluff, CA 96080

Dear Sir:

I came to Red Bluff in the early 1960's and have worked for the City of Red Bluff Parks and Recreation Department for over 27 years. In that time I have come to know what the Red Bluff Lake area has meant to this community.

Members of the park crew then and now are reminded on a daily basis by travelers of the I-5 corridor what a beautiful area Lake Red Bluff has created at our River Park. These people who are traveling through are looking for a quiet, peaceful place to stop where they can relax, stretch their legs and maybe even have something to eat. Lake Red Bluff provides this environment and in so doing, benefits the economic well being of our community.

In 1976, the City of Red Bluff celebrated its Centennial. River Park and Lake Red Bluff were chosen as the venue for this 100-year celebration because it reflected what the residents of our community feel attracted them to this area which are the natural resources that are available which provide a multitude of recreational activities for each and every member of their families. A variety of programs and activities were offered that day, many involved the waters of Lake Red Bluff.

The calm waters of Lake Red Bluff have provided memories for many generations of our community, so much so that many families have purchased and placed memorial benches along the shoreline of Lake Red Bluff. This in an effort to preserve not only the memory of the family members but of an area they enjoyed and hopefully would provide pleasure and memories for future generations to come. I'm sure they did not envision a setting overlooking a gravel bar.

The Parks and Recreation Department receive hundreds of requests each year for events to take place at River Park. They include BBQ's, birthday parties, car shows, craft events, company picnics, social gatherings, promotions, annual 4th of July celebration, service club events and band concerts. Each year various youth groups for Santa Clara and Santa Cruz canoe the Sacramento River and make a point to stop and camp at River Park. An elderly couple each year apply for the proper permits so during the evenings they can walk along the River Park and enjoy a glass of wine. All mainly due to the fact that this park provides an attractive setting and is adjacent to Lake Red Bluff.

Each year in the four-month period when the dam gates are down and Lake Red Bluff is provided, we have approximately 50,000 daily visitations to this area, therefore providing recreational pursuits for many and an economic stimulus for our community.

} 26-1

26-1

Thank you for your comment. Your comment has been noted.

Public input received during the scoping and document development phases of the EIS/EIR identified a number of concerns related to potential impacts to recreational resources. In response to these concerns, significance criteria were developed where applicable to account for local and regional impacts. DEIS/EIR Section 3.5.2 includes significance criteria on page 3-206 in response to public concerns associated with the potential loss of recreational opportunities. Subsequently, DEIS/EIR Section 3.5.2 identifies the anticipated impacts associated with the construction and operation of each alternative. As described in Section 3.5.2, Alternatives 2A, 2B, and 3 would either reduce or eliminate the amount of time the RBDD gates would be down and, thus, the existence of Lake Red Bluff. Impacts to lake-dependent recreational resources and use are anticipated to be greatest during the operation of these three alternatives and, as identified in Section 3.5.2, would be significant and unavoidable.

In addition to the anticipated impacts to recreational uses, operation of many of the alternatives would result in some level of economic impact. As described in DEIS/EIR Section 3.10, Socioeconomics, potential impacts to the local economy of Red Bluff and Tehama County in general were identified as a key concern during the scoping and document development phases of the EIS/EIR. Potential impacts associated with the following key issues/concerns were evaluated: economic losses from reduced lake-dependent recreation and tourism spending (beginning on page 3-307), loss of the Nitro Nationals drag boat races (beginning on page 3-310), property value impacts (beginning on page 3-313), fiscal impacts to City of Red Bluff (beginning on page 3-315), and reduced quality of life and loss of community cohesion (beginning on page 3-317). Potential direct, indirect, and induced effects were evaluated using Implan, a model developed by USFS and commonly used to analyze potential economic impacts. As described on DEIS/EIR pages 3-305 and 3-306, this model was used to evaluate potential economic effects in Tehama County. The anticipated construction and operation impacts associated with each alternative are further discussed beginning on page 3-318 with a summary table of impacts (Table 3.10-14) followed by a discussion by alternative. As discussed

No. 26**Letter from Rob Gibbs, Continued**26-1,
cont'd

on DEIS/EIR pages 3-319 through 3-322, potential socioeconomic impacts associated with each alternative are anticipated to range from positive economic benefits during the construction phase of each alternative, to significant unavoidable impacts for some alternatives during operation. Depending on the alternative, impacts are identified as being less than significant in the context of the local/county economy or, in the case of Alternative 3 (Gates-out Alternative), operations-related socioeconomic impacts would be significant and unavoidable. As identified in DEIS/EIR Table 3.10-14, the combined impact of reduced recreation and tourism, as well as the loss of the Nitro Nationals, from the operation of Alternative 3 would result in an annual loss of \$4.2 million/year; operation of Alternative 2A or 2B would result in an annual loss of \$3.5 million/year. This loss represents less than 1 percent of annual sales in Tehama County, and approximately 1.9 percent or 1.1 percent, respectively, of the City of Red Bluff's total revenues from sales and taxes. Although local economic impacts are projected to occur through the loss of sales and employment in the case of Alternatives 2A, 2B, and 3, it is not anticipated that a loss of 1.9 percent of the City of Red Bluff's total revenues from sales and taxes would initiate an economic chain reaction that would cause a large number of business closures. Therefore, no resultant permanent or long-term vacancy of retail space, or eventual physical deterioration, decay, or urban blight within the downtown area is projected. Additionally, as discussed on DEIS/EIR pages 3-313 through 3-315, property values adjacent to the river where the lake is formed are anticipated to decrease from operation of Alternative 2A, 2B, or 3, even though the properties will continue to have a direct view of the river. Social impacts under Alternative 2A, 2B, or 3 are also anticipated.



No. 26

Lake Red Bluff has become an integral part of the lives of thousands of our local residents of which a price tag cannot be put. Because of this, I believe the powers to be can and should develop a plan to meet the needs of all those involved without sacrificing the four-month period that establishes Lake Red Bluff.

What makes this Country great is the fact that each individual has a right to be heard and I hope that the voice of our community is heard and that Alternative 1A is chosen and Lake Red Bluff is preserved.

} 26-2

Sincerely,

Rob Gibbs
City of Red Bluff
Director of Parks and Recreation

Letter from Rob Gibbs, Continued

26-2

Thank you for your comment. Your comment has been noted.
No response is required.



CITY OF RED BLUFF

No. 27

555 Washington Street Red Bluff, California 96080 (530) 527-2605 Fax (530) 529-6878 www.ci.red-bluff.ca.us

Letter from Susan R. Price, Dated September 25, 2002

27-1

See Response to Comment 21-2.

27-2

Thank you for your comment. Your comment has been noted. No response is required.

September 25, 2002

Art Bullock
Tehama Colusa Canal Authority
P.O. Box 1025
Willows, California 95988

Re: Draft Environmental Impact Statement/Environmental Impact Report
Fish Passage Improvement Project at the Red Bluff Diversion Dam

Dear Mr. Bullock:

PRESERVE LAKE RED BLUFF.

The potential economic, recreational, and quality of life cost to the City of Red Bluff from the loss of Lake Red Bluff will, over time, run into the millions of dollars.

} 27-1

The City of Red Bluff expresses its strong support of Alternative 1A - an alternative that provides reliable agricultural water supply, improvements to fish passage, and continued economic, recreational, and quality of life benefits to all stakeholders. Alternative 1A would allow for the Diversion Dam to operate four months. Alternative 1A would allow for improved fish passage through the construction of new, state of the art, fish ladders. Alternative 1A would allow for water to be provided to agricultural users through a combination of gravity flow when the gates are in and by a pumping facility large enough to meet peak water demands in the spring and fall.

} 27-2

According to the Draft Environmental Impact Statement/Environmental Impact Report (Draft EIS/EIR), the negative effects of the loss of Lake Red Bluff on the City of Red Bluff include:

- Reductions of income and jobs associated with:
 - Loss of Lake-dependent recreation and tourism activity
 - Loss of the annual Nitro National boat drag races
- Reductions in property values resulting from the loss of the Lake
- Fiscal impacts to the City of Red Bluff
- Loss of quality of life and community cohesion

No. 27

Letter from Susan R. Price, Continued

According to the Draft EIS/EIR, between \$134,000 and \$402,000 in City Transient Occupancy Tax (hotel and lodging sales) per year would be foregone. This is an amount between 2% and 8% of the City's General Fund budget. At a time of declining State budget revenues and continued future economic uncertainty, this loss will negatively affect the City's ability to provide basic services to the public and continue existing operations.

According to the Draft EIS/EIR, between \$363,000 and \$1,000,000 in City sales tax would be lost. This is between 7% and 21% of the City's General Fund budget. Sales tax is the largest source of revenue for the City of Red Bluff. It is a direct reflection of the City's business climate and health.

According to the Draft EIS/EIR, other extensive spending losses would result from the loss of the Nitro National boat drags event.

Property tax losses as well would occur, as approximately 18% of the City's General Fund revenues are from property taxes.

All told, the above amounts equate to a large loss of City General Fund revenue.

IS THIS WHAT YOU WOULD CALL INSIGNIFICANT?

And what about the impacts on a largely low and moderate income community with a significant proportion of retired persons, senior citizens, and young families just starting out in their working careers while working at low wages?

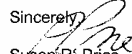
These populations not only attend the boat drags but also enjoy the Lake benefits without having to travel and expend funds to have the same recreational and quality of life enjoyment.

The City of Red Bluff purports that the preferred alternative needs to be one that not only continues the economic, recreational, and quality of life benefits to the City, but also allows for the co-existence of opportunities for the provision of reliable agricultural water availability and improved fish passage. THAT ALTERNATIVE IS 1A.

The City of Red Bluff City Council summed it up when they adopted the attached Resolution No. 37-2002, which in part says:

NOW THEREFORE BE IT RESOLVED that the City Council of the City of Red Bluff hereby expresses its strong, unequivocal support for leaving in the gates at the Red Bluff Diversion Dam from May 15th to September 15th of every year thus preserving Lake Red Bluff and its economic and recreational benefits for the community.

PRESERVE LAKE RED BLUFF.

Sincerely,

 Susan R. Price
 City Manager

Attachment – Resolution 37-2002

27-3

See Response to Comment 11-1.

27-4

Page 3-300 of the DEIS/EIR states that "Incomes in Tehama County are much lower than other areas of the state. In the County, 1999 median per capita income was \$22,378, which ranked 51st of the 58 counties in California."

27-5

Thank you for your comment. Your comment has been noted. No response is required.

27-3

27-4

27-5

No. 27

Letter from Susan R. Price, Continued

RESOLUTION NO. 37-2002

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF RED BLUFF
EXPRESSING SUPPORT FOR LAKE RED BLUFF

WHEREAS, the Fish Passage Improvement Project at the Red Bluff Diversion Dam will affect the preservation of Lake Red Bluff; and

WHEREAS, the City of Red Bluff has been participating as a stakeholder in the Red Bluff Diversion Dam Stakeholder Working Group; and

WHEREAS, the City of Red Bluff, along with the Red Bluff-Tehama County Chamber of Commerce and recreational interest groups, are prime stakeholders in seeing that the Red Bluff Diversion Dam's gates are left in for a four-month period; and

WHEREAS, Lake Red Bluff, which exists as a result of the gates being left in for the four-month period of May 15th to September 15th of every year, provides important economic and recreational benefits to the community; and

WHEREAS, the preservation of Lake Red Bluff is contained as an implementation goal of the City's Downtown Revitalization Plan; and

WHEREAS, the City believes that the economic and recreational benefits lost as a result of the gates being left out will be substantial; and

WHEREAS, any potential mitigation for loss of these economic and recreational benefits will run into the millions of dollars;


NOW THEREFORE BE IT RESOLVED that the City Council of the City of Red Bluff hereby expresses its strong, unequivocal support for leaving in the gates at the Red Bluff Diversion Dam from May 15th to September 15th of every year thus preserving Lake Red Bluff and its economic and recreational benefits for the community.

The foregoing resolution was adopted at a regular meeting of the City Council of the City of Red bluff held on May 7, 2002 and adopted by the following vote:

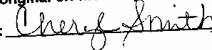
AYES: Councilmembers: Avilla, Cherveney, Flynn, Houghton and Stevens

NOES: Councilmembers: None

ABSENT OR NOT VOTING: Councilmembers: None

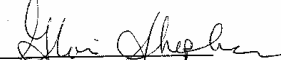

Mayor

This is to certify that the annexed document is a true and correct copy of the original on file in my office.

Attest: 

Cheryl Smith, Deputy City Clerk
City of Red Bluff
County of Tehama, State of California

ATTEST:


Gloria Shepherd, City Clerk

TEHAMA-COLUSA CANAL AUTHORITY

Fish Passage Improvement Project
at the Red Bluff Diversion Dam

No. 28

Comment Sheet from Bill Gaumer

28-1

See Response to Comment 11-1.

COMMENT SHEET

Draft Environmental Impact Statement/Environmental Impact Report
Public Hearing
September 25, 2002Name Bill Gaumer
Address 14795 Paynes Creek Rd
Red Bluff, CA 96080

Please add my name to your mailing list.

Yes No

I have resided in Red Bluff for 30 years. My grandfather came here 60 years ago because Red Bluff was an economic opportunity for his family. My father returned here to start a business and ~~relocate~~ raise his family. 50 years later I returned to raise my family and carry on the family business. I have seen mills close, major businesses close (K-Mart, Wards, Pomy's, Quality, P.V.I., Lucky's, Safeway, Pay-N-Save, Payless, etc.) I have seen countless small businesses come and go, I saw the smoking ruin of the Cene and Kimball building, my grandfather once owned. I have seen Red Bluff suffer. I do not own a restaurant or a motel or a gas station but I have customers who do and I patronize theirs. In a community, all are affected by economic growth or decline. We have had more than our share of decline. The boat drags are one of the 4 largest income draws in the county along with the bull sale, rodeo, and Monster trucks. Without tourism or industry we do not generate new wealth in the community. We must bring in money to sustain growth and provide economic opportunities. Opportunity for my children, my neighbors family, everyone here.

The purported issue is the fish and the migration of anadromous steelhead trout and salmon. We

28-1

Submit comments at this meeting or send comments to: Art Bullock/Tehama-Colusa Canal Authority, P.O. Box 1025, Willows, CA 95988, Fax 530.934.2355, E-mail tcwaterman@aol.com.
The public comment period ends November 5, 2002.

No. 28

TEHAMA-COLUSA CANAL AUTHORITY

Fish Passage Improvement Project

at the Red Bluff Diversion Dam

must bear in mind these fish run from fall to spring when the dam gates are open (as in 1a). There is no fish ladder, no fish count, and no impediment. Some 30,000 salmon crossed before the dam gates went up this year.

Think what a more efficient ladder could do. As others stated, on the Columbia fish pass many such obstacles - successfully. The major sources of decline in the population of the ocean running steelhead and salmon are

1. offshore commercial trawler fisherman
2. The creation of Shasta Dam and loss of miles of spawning grounds
3. Other offshore commercial fishing

4. predation from other fish including non-native striped bass. Large stripers caught at the now abandoned fish ditch project had up to 200 salmon fry (Water Resources Study)

Our little 4 month closure is not the cause of the decline - if there is any. I love to fish for steelhead and trout and am happy that from September to January I am able to consistently catch my limit of native steelhead and trout. I have not seen better water quality in this portion of the Sacramento in my life time.

Obviously they cannot remove Shasta Dam and the fishing community is already in catastrophic decline due to their own overfishing. The run (one run spring + fall + winter) is at a high cycle - all populations in nature cycle. Make the fish passage better. Keep the Dam (when the power goes out you'd better have gates to ~~lower~~) Give our community a fighting chance at prosperity.

Submit comments at this meeting or send comments to: Art Bullock/Tehama-Colusa Canal Authority, P.O. Box 1025, Willows, CA 95988, Fax 530.934.2355, E-mail tcwaterman@aol.com.
The public comment period ends November 5, 2002.

Thank you, Bill Gaumer

Comment Sheet from Bill Gaumer, Continued

28-2

Salmonid species on the West Coast of the United States, including those within the Sacramento River watershed, have experienced dramatic declines in abundance during the past several decades as a result of many human-induced and natural factors. Commercial trawler or other offshore commercial fishing activities might be one of numerous causes for these declines. However, such fisheries cannot account for the total declines in salmon abundance. No single factor is solely responsible for these declines. Given the complexity of the salmon species' life history and the ecosystem in which they reside, it is difficult to precisely quantify the relative contribution of any one factor to the decline of a given species. Factors that might or might not be directly (or indirectly) responsible for the declines in anadromous salmonids in the Sacramento River watershed include the following:

- Dams, water storage, and development projects
- Flows (quantity and timing)
- Habitat modification
- Land use activities
- Alteration of streambanks and channel morphology
- Alteration of stream water temperatures and water quality
- Reduction in available food supply
- Elimination of spawning and rearing habitat
- Fragmentation of available habitats
- Elimination of downstream recruitment of spawning gravels and large woody debris
- Removal of riparian vegetation
- Loss of wetlands habitat

Other factors likely responsible for the declines in anadromous salmonids in the Sacramento River watershed include the following:

- Recreational fishing and commercial fishing on unlisted stocks
- Illegal high-seas driftnet fishing in past years

28-2

No. 28**Comment Sheet from Bill Gaumer, Continued**28-2,
cont'd

- Introduction of non-native species, including increased predator populations
- Predation by sea lions and harbor seals
- Natural environmental conditions (recent floods and persistent drought conditions)
- Climatic shifts
- Extensive hatchery operations

These are but examples of the potential causes for declining salmon populations. The exact subset of these factors that are the responsible causes for the declines of salmon and steelhead in the Sacramento River are unknown. The current 4-month gates-in operation of RBDD most certainly did not "cause" the decline in the populations of anadromous salmonids in the Sacramento River. However, the current 4-month gates-in operation at RBDD was mandated as a Reasonable and Prudent Alternative, as a result of a Jeopardy Opinion finding in the 1993 BO for Winter-run Chinook Salmon for the Long-term CVP/SWP OCAP (NMFS, 1993). The implementation of this Reasonable and Prudent Alternative for the protection of winter-run Chinook salmon, while meeting the needs to reduce adverse impacts of CVP operations at RBDD, might not have been sufficiently protective of Sacramento River spring-run Chinook salmon or green sturgeon.

TEHAMA-COLUSA CANAL AUTHORITY
Fish Passage Improvement Project
 at the Red Bluff Diversion Dam

No. 29

Comment Sheet from Robert E. Douglas

COMMENT SHEET

Draft Environmental Impact Statement/Environmental Impact Report
 Public Hearing
 September 25, 2002

Name Robert E. Douglas
 Address 14498 Warren Ave.
Red Bluff, CA. 96080

Please add my name to your mailing list. Yes No

*I'm in favor of Alternative 1a.
 The presence of the lake in the
 few months period is more than
 beneficial to families, children, and
 the economy of Tehama County.
 The quality of life and the aesthetics
 of Lake Red Bluff are a monumental
 drawing card to tourists on I-5
 and to families and businesses
 wishing to relocate to the Red Bluff
 area.*

29-1

*As a father and as an
 educator I want to speak of
 the exceptionally positive value
 of Lake Red Bluff as a summer
 recreation asset for youth
 and families of our County. The loss
 of Lake Red Bluff would cause*

29-2

Submit comments at this meeting or send comments to: Art Bullock/Tehama-Colusa Canal Authority, P.O. Box 1025, Willows, CA 95988, Fax 530.934.2355, E-mail tcwaterman@aol.com. The public comment period ends November 5, 2002.

29-1

Thank you for your comment. Your comment has been noted.

Operation of many of the alternatives would result in some level of economic impact. As described in DEIS/EIR Section 3.10, Socioeconomics, potential impacts to the local economy of Red Bluff and Tehama County in general were identified as a key concern during the scoping and document development phases of the EIS/EIR. Potential impacts associated with the following key issues/concerns were evaluated: economic losses from reduced lake-dependent recreation and tourism spending (beginning on page 3-307), loss of the Nitro Nationals drag boat races (beginning on page 3-310), property value impacts (beginning on page 3-313), fiscal impacts to City of Red Bluff (beginning on page 3-315), and reduced quality of life and loss of community cohesion (beginning on page 3-317).

Potential direct, indirect, and induced effects were evaluated using Implan, a model developed by USFS and commonly used to analyze potential economic impacts. As described on DEIS/EIR pages 3-305 and 3-306, this model was used to evaluate potential economic effects in Tehama County. The anticipated construction and operation impacts associated with each alternative are further discussed beginning on DEIS/EIR page 3-318 with a summary table of impacts (Table 3.10-14) followed by a discussion by alternative. As discussed on DEIS/EIR pages 3-319 through 3-322, potential socioeconomic impacts associated with each alternative are anticipated to range from positive economic benefits during the construction phase of each alternative, to significant unavoidable impacts for some alternatives during operation. Depending on the alternative, impacts are identified as being less than significant in the context of the local/county economy or, in the case of Alternative 3 (Gates-out Alternative), operations-related socioeconomic impacts would be significant and unavoidable. As identified in Table 3.10-14, the combined impact of reduced recreation and tourism, as well as the loss of the Nitro Nationals, from the operation of Alternative 3 would result in an annual loss of \$4.2 million/year; operation of Alternative 2A or 2B would result in an annual loss of \$3.5 million/year. This loss represents less than 1 percent of annual sales in Tehama County, and approximately 1.9 percent or 1.1 percent, respectively, of the City of Red Bluff's total revenues from sales and taxes. Although local economic impacts are projected to occur

No. 29**Comment Sheet from Robert E. Douglas, Continued**29-1,
cont'd

through the loss of sales and employment in the case of Alternatives 2A, 2B, and 3, it is not anticipated that a loss of 1.9 percent of the City of Red Bluff's total revenues from sales and taxes would initiate an economic chain reaction that would cause a large number of business closures. Therefore, no resultant permanent or long-term vacancy of retail space, or eventual physical deterioration, decay, or urban blight within the downtown area is projected.

Additionally, as discussed on DEIS/EIR pages 3-313 through 3-315, property values adjacent to the river where the lake is formed are anticipated to decrease from operation of Alternative 2A, 2B, or 3, even though the properties will continue to have a direct view of the river. Social impacts under Alternative 2A, 2B, or 3 are also anticipated.

Aesthetic and visual resources were also evaluated in the EIS/EIR. The Sacramento River and Lake Red Bluff were both identified during the scoping and document development phases of the EIS/EIR as key visual and aesthetic resources of concern. As described in DEIS/EIR Section 3.12.2, potential temporary and operational impacts for each alternative were identified. Although some of the temporary impacts are projected to be less than significant, the majority of anticipated impacts, particularly with respect to operations, are projected to be significant and unavoidable.

29-2

See Response to Comment 9-1.

No. 29

TEHAMA-COLUSA CANAL AUTHORITY
Fish Passage Improvement Project
at the Red Bluff Diversion Dam

a significant decline in recreational opportunities.

I am also a trained biologist with both an BA and an MS in Biological Sciences, and I am convinced that we can mitigate the effects of the the Dam gates being up for 4 months with either ~~new~~ new scientific specially sound fish ladders with adequate volumes to attract young fish or the building of a natural bypass.

Frankly, human economic and social effects should be considered on an equal or balanced basis with the negative ecological effects encountered with the gates up alternative with new fish ladders. The ecological losses under 1A would be significantly and adequately mitigated.

} 29-2, cont'd

} 29-3

} 29-4

Comment Sheet from Robert E. Douglas, Continued

29-3

Thank you for your comment. Responses are only given for comments that directly relate to content in the DEIS/EIR. See DEIS/EIR Section 3.2, Fishery Resources, for further information pertaining to this comment.

29-4

Thank you for your comment. Responses are only given for comments that directly relate to content in the DEIS/EIR. See DEIS/EIR Section 1.2.2, Similarities and Differences between NEPA and CEQA, for further information pertaining to this comment.

Submit comments at this meeting or send comments to: Art Bullock/Tehama-Colusa Canal Authority, P.O. Box 1025, Willows, CA 95988, Fax 530.934.2355, E-mail tcwaterman@aol.com. The public comment period ends November 5, 2002.

TEHAMA-COLUSA CANAL AUTHORITY
Fish Passage Improvement Project
 at the Red Bluff Diversion Dam

No. 30

Comment Sheet from Leland George

COMMENT SHEET
 Draft Environmental Impact Statement/Environmental Impact Report
 Public Hearing
 September 25, 2002

Name LELAND GEORGE
 Address 21075 Hwy 36 W.
RED BLUFF

Please add my name to your mailing list. Yes No

QUESTION THAT I THINK NEED TO BE
ADDRESSED

WILL THE PUMPS ON THE SACRAMENTO
RIVER BETWEEN R.B. DIV. DAM BE REMOVED
SO THE FRY WON'T BE SUCKED AND KILLED.

IN 50 YRS. WOULD IT BE CHEAPER TO
BUILD A FISH LADDER THAT WORKS THAN
TO PAY THE ELECTRIC BILL FOR PUMPING THE
WATER TO THE AG. USERS.

IN 5 YR. ARE THEY GOING TO REMOVE SHASTA
DAM SO THE SALMON CAN GO FURTHER UPSTREAM.

WHO WILL PAY THE INCREASED POWER COSTS
FOR PUMPING WATER INTO THE CANAL.

IF THE FARMER PAYS THE BILL WILL
THE MIDDLE MAN FOOD PROCESSOR PAY ENOUGH TO
KEEP THE FARMER IN BUSINESS.

WHY CAN'T WE MAKE A DECISION THAT WE WOULD
RAVEER HAVE CHEAPER FOOD AND LESS SALMON?

} 30-1
 } 30-2
 } 30-3
 } 30-4
 } 30-5
 } 30-6

30-1

It is assumed that the commentor is referring to pumps that currently exist at RBDD, namely the Research Pumping Plant (RPP) Archimedes and helical pumps and the "temporary" pumps in the right bank fish ladder. In answer to that question, yes, all pumps will be screened during any pumping operation to prevent their entrainment into the Tehama-Colusa (TC) Canal. The temporary pumps in the right bank fish ladder will be removed. Therefore, no fish will be entrained or impinged by these pumps. The four existing pumps at RPP are designed to lift diverted water and any fish contained in that water into the fish protection facility (fish screens) presently operating at RPP. These screens are currently operating to the satisfaction of CDFG and NMFS, and are fully protective of salmon fry entrained into the RPP pumps. The large and long-term cooperative effort between the state and the federal government is titled "CALFED-Bay Delta Program." This effort has an element titled "Ecosystem Restoration Program," in which plans are being made and projects being implemented that attempt to arrest and reverse adverse habitat conditions and passage problems in the Sacramento-San Joaquin River Delta and the San Francisco Bay Estuary. The goals of this program are as follows:

- Recover 19 at-risk native species and contribute to the recovery of 25 additional species
- Rehabilitate natural processes related to hydrology, stream channels, sediment, floodplains, and ecosystem water quality
- Maintain and enhance fish populations critical to commercial, sport, and recreational fisheries
- Protect and restore functional habitats, including aquatic, upland, and riparian, to allow species to thrive
- Reduce the negative impacts of invasive species and prevent additional introductions that compete with and destroy native species
- Improve and maintain water and sediment quality to better support ecosystem health and allow species to flourish

Submit comments at this meeting or send comments to: Art Bullock/Tehama-Colusa Canal Authority, P.O. Box 1025, Willows, CA 95988, Fax 530.934.2355, E-mail tcwaterman@aol.com. The public comment period ends November 5, 2002.

Comment Sheet from Leland George, Continued

- 30-2 Thank you for your comment. It is possible that new ladders might be less costly than the long-term costs of operating a pumping station; however, it is not known if a ladder can be designed to safely pass the now-threatened green sturgeon.
- 30-3 Plans to remove Shasta Dam are not currently under consideration.
- 30-4 See Response to Comment 1-1.
- 30-5 Thank you for your comment. Responses are only given for comments that directly relate to content in the DEIS/EIR. See DEIS/EIR Section 3.9, Power Resources, and Section 3.10, Socioeconomics, for further information pertaining to this comment.
- 30-6 Thank you for your comment. Your comment has been noted. No response is required.

No. 30

TEHAMA-COLUSA CANAL AUTHORITY
Fish Passage Improvement Project
at the Red Bluff Diversion Dam

WHAT ABOUT CLEANING UP THE SAC. RIVER
DELTA AND BAY SO THAT MORE FISH MAKE
IT TO THE OCEAN SO THAT MORE FISH
WILL RETURN TO RED BLUFF DIV. DAM.
WILL THE WATER NOT USED BE
SOLD TO S. CA.

} 30-7
} 30-8

THESE ARE A FEW QUESTIONS THAT NEED
TO BE PUBLICLY ADDRESSED.

LELAND GEORGE TEHAMA CO. RESIDENT

Comment Sheet from Leland George, Continued

- 30-7 Several programs are in effect that are helping to restore the San Francisco Bay/Sacramento-San Joaquin Delta Estuary, including the CVPIA and the CALFED Bay-Delta Program. For a description of these programs and how they relate to the EIS/EIR, see DEIS/EIR Section 4.1, Cumulative Conditions.
- 30-8 The water diverted through the TC and Corning Canals is intended for agricultural use by the 18 water districts. Transport of water outside of these districts is not within the scope of this environmental document, and is therefore not discussed.

Submit comments at this meeting or send comments to: Art Bullock/Tehama-Colusa Canal Authority, P.O. Box 1025, Willows, CA 95988, Fax 530.934.2355, E-mail tcwaterman@aol.com. The public comment period ends November 5, 2002.

TEHAMA-COLUSA CANAL AUTHORITY
Fish Passage Improvement Project
 at the Red Bluff Diversion Dam

No. 31

COMMENT SHEET
 Draft Environmental Impact Statement/Environmental Impact Report
 Public Hearing
 September 25, 2002

Name Douglas & Cheryl Schreter
 Address 11895 Parkente Rd
Red Bluff Ca 96080

Please add my name to your mailing list. Yes No

- ① who will be paying to put the pumps in } 31-1
- ② who pays for the electric Bill to operate the pumps } 31-2
- ③ when water is pumped will there be a fee to those receiving water that should be running freely } 31-3
- ④ will river front home owners have their property taxes lowered } 31-4
- ⑤ Will the property of the the river front homes be returned to the owners that the because of reclamation took from them } 31-5
- ⑥ Is there any backbone to the salmon study or is this just a smoke screen to face the } 31-6

Submit comments at this meeting or send comments to: Art Bullock/Tehama-Colusa Canal Authority, P.O. Box 1025, Willows, CA 95988, Fax 530.934.2355, E-mail tcwaterman@aol.com. The public comment period ends November 5, 2002.

Comment Sheet from Douglas and Cheryl Schreter

- 31-1 The funding sources for the project have not yet been identified.
- 31-2 See Response to Comment 1-1.
- 31-3 Eighteen water districts contract with the federal government for water deliveries from the TC and Corning Canals. These districts then sell the water to customers.
- 31-4 DEIS/EIR Section 3.10, Socioeconomics, provides an analysis of the potential impact to property values based on the different alternatives. However, property taxes are based on assessments as determined by the County assessor and are not within the scope of this document.
- 31-5 The property that is rightfully owned by the property owner, as described in the legal description of the property owner's deed, will remain that of the property owner. This legal description will not change, regardless of the gate operations.
- 31-6 The EIS/EIR documents the life history and current status of salmon in the Sacramento river system near Red Bluff. (See DEIS/EIR Section 3.2, Fishery Resources.)

 The impacts and declines in anadromous fisheries in California, specifically the Sacramento River watershed, has been documented in the recent literature. The role of RBDD and it's impact to the salmonid fisheries is found throughout the publicly available literature including, but not limited to, The Sacramento River Chinook Salmon Recovery Plan (1997), 1993 BO for Winter-run Chinook Salmon for the Long-term CVP/SWP OCAP (1993), RBDD Fish Passage Appraisal Report (1992), and CDFG's Steelhead Management Plan (1996), among others.

No. 31

Comment Sheet from Douglas and Cheryl Schreter, Continued

TEHAMA-COLUSA CANAL AUTHORITY
Fish Passage Improvement Project
at the Red Bluff Diversion Dam

issue of Red Bluff to choose
between Lake Red Bluff staying
or pumps being put in

31-6,
cont'd

7 Do we really have any choice
or has the core of engineers
and others made the choice for
us.

31-7

8 We the majority want the Lake
to stay for the obvious reasons
leisure, produced income,
beauty.

31-8

31-7

The objectives of CEQA are as follows: (1) To disclose to decision-makers and the public the significant environmental effects of proposed activities. (2) To identify ways to avoid or reduce environmental damage. (3) To prevent environmental damage by requiring implementation of feasible alternatives or mitigation measures. (4) To disclose to the public reasons for agency approval or projects with significant environmental effects. (5) To foster interagency coordination in the review of projects. (6) To enhance public participation in the planning process.

31-8

Thank you for your comment. Your comment has been noted. No response is required.

Submit comments at this meeting or send comments to: Art Bullock/Tehama-Colusa Canal Authority, P.O. Box 1025, Willows, CA 95988, Fax 530.934.2355, E-mail tcwaterman@aol.com. The public comment period ends November 5, 2002.

TEHAMA-COLUSA CANAL AUTHORITY
Fish Passage Improvement Project
 at the Red Bluff Diversion Dam

No. 32

Comment Sheet from Lori Leepin

COMMENT SHEET

Draft Environmental Impact Statement/Environmental Impact Report
 Public Hearing
 September 25, 2002

Name Lori Leepin
 Address 22423 Adobe Rd.
Red Bluff, CA 94080

Please add my name to your mailing list. Yes No

- 32-1 See Response to Comment 9-1.
- 32-2 Thank you for your comment. Responses are only given for comments that directly relate to content in the DEIS/EIR. See DEIS/EIR Section 3.10, Socioeconomics, for further information pertaining to this comment.
- 32-3 Thank you for your comment. Responses are only given for comments that directly relate to content in the DEIS/EIR. See DEIS/EIR Section 3.10, Socioeconomics, for further information pertaining to this comment.

Being a teacher in a rural community, I hear from my students the limited activities available in our area to occupy their summer hours. Teaching summer school I frequently hear comments about our families going to the park for a bbq party, swimming, and floating down the river. Furthermore the boat drag being income to the community, and finally, we live on the river and our property values will be affected by the loss of the lake. It is a community recreation spot, and the loss of the lake overwhelmingly will be detrimental to the community.

} 32-1
 } 32-2
 } 32-3

Submit comments at this meeting or send comments to: Art Bullock/Tehama-Colusa Canal Authority, P.O. Box 1025, Willows, CA 95988, Fax 530.934.2355, E-mail tcwaterman@aol.com.
 The public comment period ends November 5, 2002.

TEHAMA-COLUSA CANAL AUTHORITY

Fish Passage Improvement Project
at the Red Bluff Diversion Dam

No. 33

Comment Sheet from Denise Runnels

33-1

See Response to Comment 9-1.

COMMENT SHEET

Draft Environmental Impact Statement/Environmental Impact Report
Public Hearing
September 25, 2002

Name Denise Runnels

Address 14185 Deerwood Dr.

Please add my name to your mailing list. Yes No

I am for not letting the lake go. Due to the amount of recreation it brings to the community.

} 33-1

(Continued)

Submit comments at this meeting or send comments to: Art Bullock/Tehama-Colusa Canal Authority, P.O. Box 1025, Willows, CA 95988, Fax 530.934.2355, E-mail tcwaterman@aol.com. The public comment period ends November 5, 2002.

TEHAMA-COLUSA CANAL AUTHORITY

Fish Passage Improvement Project

at the Red Bluff Diversion Dam

No. 34

Comment Sheet from Fred Lowndes

34-1

Thank you for your comment. Your comment has been noted.
No response is required.

COMMENT SHEET

Draft Environmental Impact Statement/Environmental Impact Report
Public Hearing
September 25, 2002

Name FRED LOWNDES
Address 320 KAER AVE
RED BLUFF, CA 96090-2218

Please add my name to your mailing list. Yes No

I AM IN FAVOR OF LEAVING THE GATES OPEN FOR THE FOLLOWING REASONS:

- UNRESTRICTED FISH PASSAGE IS VITAL TO THE LIFE OF THE FISH AND TO THE LIFE OF THE RIVER.
- WITH OPEN GATES THE FISH CAN SPAWN FARTHER UP THE RIVER FOR COOLER WATER AND FEWER LOSSES TO PREDATION.
- THE SO-CALLED FISH LADDERS HAVE NOT SERVED TO ALLOW SPAWNING FISH TO REACH BETTER AREAS UPSTREAM OF THE DIVERSION DAM.
- THE PURPOSE OF THE "FISH PASSAGE IMPROVEMENT PROJECT" IS FOR THE BENEFIT OF THE FISH.
- THE VALUE OF THE FISH AS A NATURAL RESOURCE IS FAR GREATER THAN THE SMALL BENEFIT OF DESTROYING A LIVING RIVER.
- GATES OPEN ALL YEAR IS MY WISH. (Continued)

34-1

Submit comments at this meeting or send comments to: Art Bullock/Tehama-Colusa Canal Authority, P.O. Box 1025, Willows, CA 95988, Fax 530.934.2355, E-mail tcwaterman@aol.com.
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TEHAMA-COLUSA CANAL AUTHORITY
Fish Passage Improvement Project
at the Red Bluff Diversion Dam

No. 35

Comment Sheet from L.E. Capilla

35-1 See Response to Comment 26-1.

COMMENT SHEET

Draft Environmental Impact Statement/Environmental Impact Report
Public Hearing
September 25, 2002

Name L.E. Capilla
Address 9455 Lawson Ct.
Georgetown, CA

Please add my name to your mailing list. Yes No

My concerns are for our
community needs. The lake
gives us many recreational
benefits along w/ providing
our city w/ necessary
revenue. Please leave our
lake as it is. Nature
always takes care of
itself!

} 35-1

(Continued)

Submit comments at this meeting or send comments to: Art Bullock/Tehama-Colusa Canal Authority, P.O. Box 1025, Willows, CA 95988, Fax 530.934.2355, E-mail tcwaterman@aol.com. The public comment period ends November 5, 2002.

TEHAMA-COLUSA CANAL AUTHORITY
Fish Passage Improvement Project
 at the Red Bluff Diversion Dam

No. 36

Comment Sheet from Jan Correa

COMMENT SHEET

Draft Environmental Impact Statement/Environmental Impact Report
 Public Hearing
 September 25, 2002

Name Jan Correa
 Address 375 La Brea Ave
Red Bluff, CA 96080

Please add my name to your mailing list. Yes No

Since I have been watching (summer time & week ends) my 2 grandsons age 9 & 2 1/2. They always want to go to the Diversion Dam. Since baby Rocky was 8 months old & walking in winter time we have taken the dogs - they run all over the place. They want to visit the museum every day, take bread to the fish pond. Walk the trails & area around the museum & last but not least wade in the river & throw rocks in the river edge. In the spring, winter & fall we walk the trail bird & nature watch - all entertaining & ~~fun~~ a good form of exercise.

The river and slough is a beautiful thing for R.B. The slough that feeds into the river is good for water recreation - & sports events which bring \$ into R.B.

I say to keep with the salmon, the economy is bad & we need the farms ^(Continued) crops to bring revenue.

36-1

36-2

36-1

See Response to Comment 21-2.

36-2

Thank you for your comment. Responses are only given for comments that directly relate to content in the DEIS/EIR. See DEIS/EIR Section 3.2, Fishery Resources; Section 3.8, Agricultural Resources; and Section 3.10, Socioeconomics, for further information pertaining to this comment.

Submit comments at this meeting or send comments to: Art Bullock/Tehama-Colusa Canal Authority, P.O. Box 1025, Willows, CA 95988, Fax 530.934.2355, E-mail tcwaterman@aol.com. The public comment period ends November 5, 2002.

TEHAMA-COLUSA CANAL AUTHORITY
Fish Passage Improvement Project
 at the Red Bluff Diversion Dam

No. 37

COMMENT SHEET

Draft Environmental Impact Statement/Environmental Impact Report
 Public Hearing
 September 25, 2002

Name LAURENCE D'ALBERTI
 Address 375 LABRAY AVENUE
RED BLUFF CA 96080-2265

Please add my name to your mailing list. Yes No

OUR FIRST IMPRESSION OF LAKE RED BLUFF IS THAT IT IS A UNDERUTILIZED RESOURCE. WE WOULD LIKE TO SEE A WORLD CLASS HOTEL RESORT ON THE ~~THE~~ BEND OF THE RIVER, WITH A MAN MADE BEACH, BOATING MARINA, CASINO, CONCERT HALL, HEALTH CLUB, SWIMMING POOLS, MOVIE THEATRE, NIGHT CLUBS, RESTAURANTS, JET-SKI & SMALL BOAT RENTALS, CABANAS etc. THIS WOULD REQUIRE KEEPING LAKE RED BLUFF INTACT, EXTENDING THE TIME THE GATES ARE DOWN & RAISING THE TEMPERATURE OF THE RIVER.

37-1

(Continued)

Submit comments at this meeting or send comments to: Art Bullock/Tehama-Colusa Canal Authority, P.O. Box 1025, Willows, CA 95988, Fax 530.934.2355, E-mail tcwaterman@aol.com. The public comment period ends November 5, 2002.

Comment Sheet from Laurence D'Alberti

37-1

These requirements would be counterproductive to recovering the state- and federal-listed winter-run and spring-run Chinook salmon and steelhead. Extending the operational period of RBDD beyond the existing mid-May through mid-September period and thereby "permanently" creating Lake Red Bluff for additional economic development would hinder efforts to restore state- and federal-listed winter-run and spring-run Chinook salmon and federal-listed steelhead. By extending the RBDD gates-in operation period and potentially increasing the water temperature of the Sacramento River, years of effort to reverse the declining populations of these and other anadromous species would be sacrificed. Furthermore, these actions would be contrary to the law under ESA, Magnuson-Stevens Fishery Conservation and Management Act, and CESA, among others.

TEHAMA-COLUSA CANAL AUTHORITY
Fish Passage Improvement Project
at the Red Bluff Diversion Dam

No. 38

Comment Sheet from Robert M. Stoufor

38-1

Thank you for your comment. Responses are only given for comments that directly relate to content in the DEIS/EIR. Page A-21 of the DEIS/EIR indicates that the final cost estimate for this project will be available pending technical review of the design.

COMMENT SHEET

**Draft Environmental Impact Statement/Environmental Impact Report
Public Hearing
September 25, 2002**

Name Robert M. Stoufor
Address 230 Curran Dr.
Red Bluff, CA, 96080

Please add my name to your mailing list. Yes No

How much money has been spent to date on the dam, fish by-pass canal, pumps, fish ladders, etc. and sluice dams temperature control device.

38-1

(Continued)

Submit comments at this meeting or send comments to: Art Bullock/Tehama-Colusa Canal Authority, P.O. Box 1025, Willows, CA 95988, Fax 530.934.2355, E-mail tcwaterman@aol.com.
The public comment period ends November 5, 2002.

TEHAMA-COLUSA CANAL AUTHORITY
Fish Passage Improvement Project
at the Red Bluff Diversion Dam

No. 39

Comment Sheet from Arlo Madsen

39-1

Thank you for your comment. Your comment has been noted.
No response is required.

COMMENT SHEET

Draft Environmental Impact Statement/Environmental Impact Report
Public Hearing
September 25, 2002

Name ~~XXXX~~ ARLO MADSEN
Address 47A Rio Vista Lane
Red Bluff, Cal. 96080

Please add my name to your mailing list. Yes No

I'm new to this River City - I'm very impressed
with my new home town - Resident since
my Retirement (April 1986) This is now
my home.

If you take my lake you take my home sweet } 39-1
* home.

Respectfully Arlo H. Madsen

(Continued)

Submit comments at this meeting or send comments to: Art Bullock/Tehama-Colusa Canal Authority, P.O. Box 1025, Willows, CA 95988, Fax 530.934.2355, E-mail tcwaterman@aol.com. The public comment period ends November 5, 2002.

TEHAMA-COLUSA CANAL AUTHORITY
Fish Passage Improvement Project
at the Red Bluff Diversion Dam

No. 40

Comment Sheet from Vi Gilbert

40-1

Thank you for your comment. Your comment has been noted.
No response is required.

COMMENT SHEET

**Draft Environmental Impact Statement/Environmental Impact Report
Public Hearing
September 25, 2002**

Name Vi Gilbert

Address 105 Kaen Ave
Red Bluff CA 96080

Please add my name to your mailing list. Yes No

I support A-1 - Please don't
let politics enter in to
the quality of Red Bluff -

Thank you

(Continued)

} 40-1

Submit comments at this meeting or send comments to: Art Bullock/Tehama-Colusa Canal Authority, P.O. Box 1025, Willows, CA 95988, Fax 530.934.2355, E-mail tcwaterman@aol.com. The public comment period ends November 5, 2002.

TEHAMA-COLUSA CANAL AUTHORITY
Fish Passage Improvement Project
 at the Red Bluff Diversion Dam

No. 41

Comment Sheet from Claude Nielson

COMMENT SHEET

Draft Environmental Impact Statement/Environmental Impact Report
 Public Hearing
 September 25, 2002

Name CLAUDE NIELSON
 Address 35 HUCKER CT.
RED BLUFF, CA. 96080

Please add my name to your mailing list. Yes No

- WHY NOT KEEP THE DAM OPERATION AS IS, } 41-1
- WITH A NEW FISH LADDER AND PUMP
- STATIONS? IF THE FISH ARE A CONCERN } 41-2
- WHY NOT LIMIT FISHING LICENSES.
- WHO WILL REIMBURSE RED BLUFF } 41-3
- FOR REVENUES LOST OVER LABOR DAY
- WEEKEND WHICH IS ABOUT \$1.5 MILLION.

- 41-1 An alternative that included new ladders, a new pump station and screening facility, and continued operation and maintenance (O&M) costs for RBDD was deemed too costly for consideration. Only options that are realistic and viable are normally included in the alternatives under consideration.
- 41-2 The CDFG currently provides regulations that restrict and prohibit angling harvest for species of concern (e.g., winter- and spring-run Chinook salmon, and steelhead) within inland waters where those species occur. Limiting fishing licenses would not provide additional protection beyond the regulations currently in effect for those fish species of concern.
- 41-3 In DEIS/EIR Table ES-4, under Socioeconomic, the Gates-out option lists impacts to Fish Runs/Spending/Property Value/Quality of Life and Community Cohesion as significant. No mitigation is available. The purpose of the EIS/EIR is to disclose project impact and invite public participation and identify mitigation measure where feasible. To date, no mitigation has been identified that would directly compensate the City of Red Bluff for economic impacts.

(Continued)

Submit comments at this meeting or send comments to: Art Bullock/Tehama-Colusa Canal Authority, P.O. Box 1025, Willows, CA 95988, Fax 530.934.2355, E-mail tcwaterman@aol.com. The public comment period ends November 5, 2002.

TEHAMA-COLUSA CANAL AUTHORITY
Fish Passage Improvement Project
 at the Red Bluff Diversion Dam

No. 42

Comment Sheet from Larry Frash

COMMENT SHEET

Draft Environmental Impact Statement/Environmental Impact Report
 Public Hearing
 September 25, 2002

Name Larry Frash
 Address PO Box 1017 20641 Minch Rd
Red Bluff, CA 96080

Please add my name to your mailing list. Yes No

Removing the dam would be a very big
Mistake, for one thing If the fish run
is ok when the gates are open, there is
absolutely no reason to remove it, loosing
the ability to control our Sacramento river
will mean there will no longer be the boat
drags which is one of the few sources of income
to this town. we will also loose our
summer recreation, boating, floating down
the river on the 4th of July.
There are ways to build better ladder
systems, & use them!

} 42-1
 } 42-2
 } 42-3

- 42-1 Thank you for your comment. Responses are only given for comments that directly relate to content in the DEIS/EIR. See DEIS/EIR Section 3.2, Fishery Resources, for further information pertaining to this comment.
- 42-2 See Response to Comment 26-1.
- 42-3 Thank you for your comment. Responses are only given for comments that directly relate to content in the DEIS/EIR. See DEIS/EIR Section 2.0, Description of Alternatives, for further information pertaining to this comment.

(Continued)

Submit comments at this meeting or send comments to: Art Bullock/Tehama-Colusa Canal Authority, P.O. Box 1025, Willows, CA 95988, Fax 530.934.2355, E-mail tcwaterman@aol.com. The public comment period ends November 5, 2002.

TEHAMA-COLUSA CANAL AUTHORITY
Fish Passage Improvement Project
 at the Red Bluff Diversion Dam

No. 43

Comment Sheet from Louie Bilotto

43-1

COMMENT SHEET

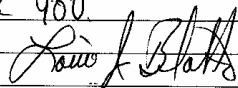
Draft Environmental Impact Statement/Environmental Impact Report
 Public Hearing
 September 25, 2002

Name LOUIE BILOTTO
 Address ZIO AGUA VERDI DR RED BLUFF

Please add my name to your mailing list. Yes No

I LIVE ON THE SAC RIVER
 JUST NORTH OF TOWN. I BOUGHT
 MY HOME WITH THE RIVER IN MIND.
 IF THE GATES ARE DROPPED MY VALUE
 IS GOING TO GO DOWN NOT TO MENTION
 THE LOOKS OF THE BANKS, NOT A PRETTY
 SIGHT.

43-1

THANK YOU


(Continued)

Submit comments at this meeting or send comments to: Art Bullock/Tehama-Colusa Canal Authority, P.O. Box 1025, Willows, CA 95988, Fax 530.934.2355, E-mail tcwaterman@aol.com. The public comment period ends November 5, 2002.

Thank you for your comment. Your comment has been noted.

Operation of many of the alternatives would result in some level of economic impact. As described in DEIS/EIR Section 3.10, Socioeconomics, potential impacts to the local economy of Red Bluff and Tehama County in general were identified as a key concern during the scoping and document development phases of the EIS/EIR. Potential impacts associated with the following key issues/concerns were evaluated: economic losses from reduced lake-dependent recreation and tourism spending (beginning on page 3-307), loss of the Nitro Nationals drag boat races (beginning on page 3-310), property value impacts (beginning on page 3-313), fiscal impacts to City of Red Bluff (beginning on page 3-315), and reduced quality of life and loss of community cohesion (beginning on page 3-317).

As discussed on DEIS/EIR pages 3-319 through 3-322, potential socioeconomic impacts associated with each alternative are anticipated to range from positive economic benefits during the construction phase of each alternative, to significant unavoidable impacts for some alternatives during operation. As discussed on DEIS/EIR pages 3-313 through 3-315, property values adjacent to the river where the lake is formed are anticipated to decrease from operation of Alternative 2A, 2B, or 3, even though the properties will continue to have a direct view of the river. Social impacts under Alternative 2A, 2B, or 3 are also anticipated. Aesthetic and visual resources were also evaluated in the EIS/EIR. The Sacramento River and Lake Red Bluff were both identified during the scoping and document development phases of the EIS/EIR as key visual and aesthetic resources of concern. As described in DEIS/EIR Section 3.12.2, potential temporary and operational impacts for each alternative were identified. Although some of the temporary impacts are projected to be less than significant, the majority of anticipated impacts, particularly with respect to operations, are projected to be significant and unavoidable.

TEHAMA-COLUSA CANAL AUTHORITY

Fish Passage Improvement Project
at the Red Bluff Diversion Dam

No. 44

Comment Sheet from Kari Lyford

44-1 See Response to Comment 26-1.

COMMENT SHEET

Draft Environmental Impact Statement/Environmental Impact Report

Public Hearing

September 25, 2002

Name Kari Lyford (CountrySide Dev)
Address 100 Sherman Dr.
Red Bluff, CA 96080

Please add my name to your mailing list. Yes No

I Am in Support for Alternative 1A. I NOT ONLY
OWN A BUSINESS WHICH DEPENDS ON TRAVELERS AND
TOURISTS BUT ENJOY THE SAME RECREATION BEING A
RESIDENT OF RED BLUFF. ACCESS TO OUR RIVER IS THE
MOST IMPORTANT REASON I ~~WILL~~ MOVED TO RED BLUFF
WITHOUT OUR RIVER, IT WILL BE A GREAT LOSS TO OUR
COMMUNITY, FINANCIALLY AND RECREATIONAL. I JUST
PURCHASED A HOME ON THE RIVER AND ALSO ~~planning~~ ^{plan to open}
A BED AND BREAKFAST ON THE RIVER WHICH DEFINITELY
WILL DEPEND ON TOURISTS. WITHOUT OUR RIVER, WHAT WILL
ATTRACT THEM TO MY BUSINESS, TO ALL OF OUR BUSINESSES?
WILL WE END UP LEAVING RED BLUFF, AND MOVING TO
A MORE PROSPEROUS CITY? MAYBE! WHAT ABOUT OUR
FARMERS? WHAT ABOUT OUR WATER? WHAT ABOUT
OUR PEOPLE? FISH ARE IMPORTANT, ~~and recreation are~~
~~our recreation~~ BUT WE ARE TOO! WE NEED TO
LIVE!

} 44-1

(Continued)

Submit comments at this meeting or send comments to: Art Bullock/Tehama-Colusa Canal Authority, P.O. Box 1025, Willows, CA 95988, Fax 530.934.2355, E-mail tcwaterman@aol.com. The public comment period ends November 5, 2002.

TEHAMA-COLUSA CANAL AUTHORITY
Fish Passage Improvement Project
 at the Red Bluff Diversion Dam

No. 45

Comment Sheet from Dale Lyford

COMMENT SHEET

Draft Environmental Impact Statement/Environmental Impact Report
 Public Hearing
 September 25, 2002

Name DALE LYFORD
 Address 100 SHERMAN DR
RED BLUFF, CA. 96080

Please add my name to your mailing list. Yes No

45-1

See Response to Comment 9-1.

45-2

Thank you for your comment. Responses are only given for comments that directly relate to content in the DEIS/EIR. See DEIS/EIR Section 3.8, Agricultural Resources, for further information pertaining to this comment.

IN MY OPINION TO REMOVE LAKE RED BLUFF WOULD BE A HUGE TRAGEDY. THE LAKE HAS BEEN ENJOYED BY MY FAMILY SINCE I CAN REMEMBER. OUR CHILDREN HAVE SPENT COUNTLESS HOURS ENJOYING WATER SPORTS SUCH AS BOATING, WAKE BOARDING AND JET SKING, NOT TO MENTION JUST FLOATING DOWN THE RIVER RELAXING AFTER A HARD DAYS WORK.

ALSO OUR ECONOMY STRONGLY DEPENDS ON LAKE RED BLUFF DUE TO TOURISM, AND OTHER REVENUES SPENT IN SUMMER MONTHS

FORWARDING, HOW IMPORTANT IS IT FOR FARMERS TO HAVE IRRIGATION WATER? I WOULD SAY VERY IMPORTANT.

THEREFORE I SUPPORT ALTERNATIVE 1A

} 45-2
 } 45-2

(Continued)

Submit comments at this meeting or send comments to: Art Bullock/Tehama-Colusa Canal Authority, P.O. Box 1025, Willows, CA 95988, Fax 530.934.2355, E-mail tcwaterman@aol.com. The public comment period ends November 5, 2002.

TEHAMA-COLUSA CANAL AUTHORITY
Fish Passage Improvement Project
 at the Red Bluff Diversion Dam

No. 46

Comment Sheet from Hank Bowen

46-1

Thank you for your comment. Your comment has been noted.
 No response is required.

COMMENT SHEET

Draft Environmental Impact Statement/Environmental Impact Report
 Public Hearing
 September 25, 2002

Name HANK BOWEN
 Address 180 S. MAIN St #49
Red Bluff CA 96080

Please add my name to your mailing list. Yes No

Recommend Alternative 1A
SATISFIES STATED GOAL AND OBJECTIVES
1A MITIGATES FISH PASSAGE WITH IMPROVED
LADDER
1A Also provides need water supply for
farmers.
1A also provides much needed recreational
opportunities
1A also does not significantly cause economic
harm to Red Bluff area
We have significant economic investment in the
diversion dam - lets improve it with
alternative 1A (Continued)

46-1

Submit comments at this meeting or send comments to: Art Bullock/Tehama-Colusa Canal Authority, P.O. Box 1025, Willows, CA 95988, Fax 530.934.2355, E-mail tcwaterman@aol.com. The public comment period ends November 5, 2002.