



Restore Hetch Hetchy

IN YOSEMITE NATIONAL PARK

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FEASIBILITY STUDY RELEASED

At a September press conference at the Capitol in Sacramento, Restore Hetch Hetchy released its major new Feasibility Study, revealing that practical, reasonably priced, “win-win” solutions exist for replacing the water and energy that would be lost when the O’Shaughnessy Dam is removed and Yosemite’s Hetch Hetchy Valley restored.



State Capitol

RHH Board members Dr. Jerry Meral (principal author of the study), Mark Cederborg (Chair of the



Restore Hetch Hetchy representatives (left to right) Bob Hackamack, Mark Cederborg, Ron Good, Jerry Meral at the Capitol press conference.

Restoration Committee), and Bob Hackamack (Chair of the Technical/Engineering Committee), and Ron Good (RHH Executive Director), were the RHH spokespersons at the press conference. And, thanks to the tireless efforts of RHH Board member Jerry Cadagan, several television stations and print media representatives



Dr. Jerry Meral, principal author of the Feasibility Study, at the Capitol press conference.

attended the press conference.

For the first time, the study reveals that by diverting water from the Tuolumne River and a tributary into existing pipelines, 95% of the water and 73% of the energy that would be lost when the dam is removed could be retained. Additional measures such as water and energy conservation, raising

Don Pedro Dam, and groundwater storage could economically replace the remaining water and energy losses. The study also provides the first detailed analysis of the actual removal of O’Shaughnessy Dam and ecological restoration of

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Restore Hetch Hetchy is:

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Hetch Hetchy Valley. Removal of the dam can be done using existing roads and a new conveyor system to



Mark Cederborg and Ron Good chat before the press conference at the Capitol.

minimize disruption to the park and the surrounding communities.

Dam removal would take 5 years, and directly create nearly 500 jobs.

During that time, ecological restoration would begin. The National Park Service, with the assistance of many volunteers, would plant thousands of trees and other native plants and wildflowers, and the valley (with abundant wildlife – deer, bears, coyotes, bobcats, squirrels, raccoons, birds) would appear substantially restored to Park visitors in less than ten years.

San Francisco presently does not filter water from the Tuolumne. The report recommends that filtration begin immediately, greatly increasing the quality of water supplied to Bay Area residents. Removal of the dam would not interfere with the extensive repairs San Francisco is making to the rest of its water supply system, and would not slow down the pace of those repairs.

The total cost of dam removal, valley restoration, water filtration, and replacement of water and energy supplies with the lowest cost alternatives would be about one billion dollars. Recent projects of similar nature and cost include Headwaters Forest, restoration of San Francisco Bay salt ponds, restoration of Delta islands and other habitat in the Central Valley.

The RHH Feasibility Study adds to the growing body of engineering reports that explore “win-win” options for restoring Hetch Hetchy Valley and replacing the water and power: 1988 U.S. Bureau of Reclamation, 2003 UC Davis, and 2004 Environmental Defense (“Paradise Regained”). All of these reports are currently being reviewed by the Schwarzenegger Administration in its study of Hetch Hetchy

restoration options that will be released in the near future.

Graphic designers Diane Blakley from Grass Valley and Jef Gunion from Felton graciously donated many hours of their professional time for the completion of the beautifully designed Feasibility Study. Sonora Instant Press provided high-quality printing services.

The Feasibility Study can be

viewed on our website, www.hetchhetchy.org and “hard copies” are available for \$20 and a CD version is available for \$5. An Executive Summary can also be viewed on our website, and “hard copies” are available for \$2. See page 7 for ordering details.



Bob Hackmack, Chair of the RHH Technical/Engineering Committee participated in the press conference at the Capitol.

MEET OUR BOARD – MARK CEDERBORG

Chair of the RHH Restoration Committee

Mark Cederborg serves as Secretary for Restore Hetch Hetchy and Chairs the Restoration Committee, evaluating the various options for restoration of the valley floor and surrounding areas impacted by the reservoir.

In 1994, backpacking along the edge of the Hetch Hetchy Valley and up the old Lake Eleanor Road, with little knowledge of the history of the reservoir, Mark sensed a place beyond what he saw. His first reaction was to question how the damming of such a valley was allowed. But on the return trip through the high county of northern Yosemite, while descending into the spectacular Tiltill Valley, he concluded that the rocks abide, but the reservoir is temporary.

This inspiration led him to Restore Hetch Hetchy in 1999. "I've never been involved in an organization with a more lofty, but extremely practical goal. We must restore this valley, because the benefits are simply greater than the costs. Those involved in this project are realists, who know what it will take to achieve restoration. I think this is the primary reason this idea continues to gain momentum. I am inspired to work harder with every board meeting I attend, because our efforts are paying off. We are seeing results," says Mark.

Mark began his career in 1995, graduating from Chico State with a Bachelor's degree in



Mark Cederborg

Environmental Science. For two years, Mark worked in water resources and environmental consulting in California and Virginia. At this point he realized that he needed to get his hands dirty to feel gratified with this work. He jumped into the construction industry, landing a job as a laborer working on stream and wetland restoration projects. A year after moving into the field, Mark was in the position of managing construction projects.

For the past 7 years, Mark has overseen construction of a number of restoration projects, having been with the same general engineering contractor for the last 6 years. In this time, he has completed approximately 40 large scale creek restoration, wetland restoration, and revegetation projects in northern

California. The creek and wetland projects typically involve the use of heavy equipment such as excavators and bulldozers, and include demolition and clearing, excavation of new stream channels, floodplains, and wetland basins, installation of fish habitat and stream channel stability structures, installation of temporary irrigation systems, and revegetation with native plants. The revegetation projects typically include native planting and seeding of various habitats such as wetland, woodland, and grassland. His clients range from federal, state, and local agencies to private landowners.

Although Mark's work keeps him very busy, he sets his priority with his family. He lives with his wife, Julie, of 12 years and two daughters (4 years and 9 months old) in Vallejo. He returns to both Hetch Hetchy and Yosemite Valleys regularly with his family. "I was brought to Yosemite Valley at the age of 3 and have been back almost every year since. I credit this place with my strong appreciation of my surroundings, and the inspiration for my career. The idea that my daughters have been to Yosemite Valley, and that my oldest now knows Hetch Hetchy by name, is really something. The idea that they both will have the opportunity to witness the rebirth of Hetch Hetchy Valley is simply amazing."



Insurance Commissioner John Garamendi supports Hetch Hetchy restoration

In an August 5th op-ed piece for the San

Francisco Chronicle, state Insurance Commissioner John Garamendi announced his support for the restoration of Hetch Hetchy Valley. Here is an excerpt:

“As Californians, we now have the opportunity to do something



John Garamendi

truly great for our state, our children and for generations to come. We can, and should, restore the magnificence of the Hetch Hetchy Valley in Yosemite National Park. Today, there is great momentum to support this effort. It is a window of opportunity that may not come again. Therefore, we

must act now.

“With its great waterfalls thundering from towering granite cliffs onto a serene valley floor, Hetch Hetchy was described by John Muir as Yosemite Valley’s ‘wonderfully exact counterpart.’ Like its better-known twin, Hetch Hetchy Valley was born of uplifted granite scoured by glacial forces, leaving a monument of breathtaking beauty. “With bipartisan legislative support, Gov. Arnold Schwarzenegger’s administration is ... assessing what the value of a restored valley would mean to California and the nation. “The possibility of

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A Patagonia advertisement. The background is a photograph of a vast, snow-covered mountain range under a clear blue sky. In the foreground, a white SUV is driving away on a dirt road. The text is overlaid on the image.

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Patagonia pledges at least 1% of sales, \$20 million in grants and in-kind donations to date, to the preservation and restoration of the natural environment.
Photo: Barbara Rowell
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MEMBER
1% FOR THE PLANET

experiencing the majesty of a restored Hetch Hetchy Valley is inspiring enough that it should be examined above the political fray. Developing a viable restoration plan will require all parties coming to the table.

“My experience leads me to believe that it is possible to restore Hetch Hetchy. Before being elected to my current post, I served for 16 years in the California Legislature representing the Hetch Hetchy Valley area, and three years as deputy secretary of the U.S. Department of the Interior in Washington. I still own and

operate a working ranch in the Sacramento-San Joaquin Delta. At the Department of the Interior, I worked with farmers, loggers, cities and environmentalists to develop holistic plans that would provide both economic growth and environmental protection. “As we encourage economic growth in California, we should also make a commitment to cherish and sustain our spectacular natural heritage. I can think of no better way than restoring Hetch Hetchy Valley for our children and grandchildren.” *John Garamendi is insurance commissioner for the State of California and a candidate for lieutenant governor in 2006.*

ADVERTISERS REQUESTED

Here's Your Opportunity to Advertise Your Business and Help Restore Hetch Hetchy! Each ad will run for one year, 4 issues, and will be distributed to around 3,000 subscribers.

\$1000.00 Full Page

\$600.00 Half Page

\$400.00 1/4 Page

\$250.00 1/8 page

\$150.00 Business Card

Please contact Ron Good at:

info@hetchhetchy.org

or by calling **(209) 533-4481** for more information.

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Send your e-mail address to:

info@hetchhetchy.org.

You can read our newsletters on-line. If you would prefer not to receive a "hard copy" please send an e-mail to: info@hetchhetchy.org



Wildresswithin.com

was created in 1998 by environmentalist web designer Robert Brower in partnership with his father, conservationist David

Brower. The website promotes the principles of conservation, preservation, and restoration of the Earth's natural resources. It is also a tribute to the late David and Robert Brower. Both David Brower and Robert Brower were avid supporters of the Restore Hetch Hetchy movement and were members of the Board of Directors.

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T-Shirts



100% Organic Cotton
 Front of t-shirt bears our logo and the words, "Yosemite National Park" in the upper left-hand corner. Back of t-shirt, as shown, features original art work by Brooks Anderson "Hetch Hetchy: Requiem for a Valley" (shown holding t-shirt), and quotes from Dave Brower and John Muir.
 Available in Small, Medium, Large & X-Large for **\$23.00**

GIFT IDEAS

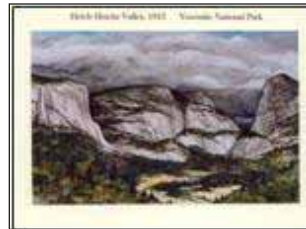
All prices include shipping & handling

License Plate Holder



Our license plate holder is sure to help get the message across and still look nice on your vehicle! This is a great tool to help spread the word to Restore Hetch Hetchy! **\$12.00**

Greeting Cards



These Greeting Cards (blank inside) feature artwork by Jennifer Fosgate on front, with matching envelopes, **\$2.00** each or six cards, **\$10.00**

Movie



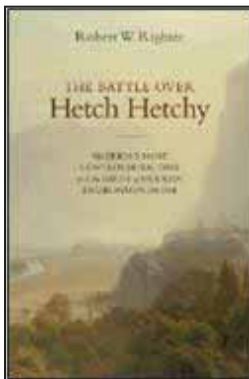
Hetch Hetchy: Yosemite's Lost Valley (Narrated by Shari Belafonte; Produced by Deborah Landowne, Restore Hetch Hetchy, 2003). 19 Minutes, Color. *New documentary video*
 Donation: **\$16.00** for either DVD or VHS.



Hetch Hetchy Magic Cups

Now you can Restore Hetch Hetchy every morning with your cup of coffee. You receive only one cup - the two cups displayed show the "before" and "after" you pour a hot beverage into it!
\$18.00

Book



The Battle Over Hetch Hetchy:
America's Most Controversial Dam and the Birth of Modern Environmentalism
 by Robert W. Righter
\$28.00 donation



This high-quality matted poster of the beautiful painting by Brooks Anderson that is featured on our website is our latest tool to help spread the word to Restore Hetch Hetchy! **\$50.00 donation**

Posters



This is a quality poster of the rare Bierstadt painting of The Hetch Hetchy Valley housed at the Wadsworth Atheneum. Size: approximately 30" x 40". **\$20.00 donation**

Music



New Hetch Hetchy Song!

We commissioned singer/songwriter Bill Oliver from Austin, Texas to write and record a new song: "Hooray for Hetch Hetchy!" A clip from the song and the lyrics are on our website.

\$12.00 Donation

To order, please use the order form on page 7, or visit our website catalog at: www.hetchhetchy.org

We cannot guarantee delivery by December 25 so order early.

Please Use Our Website Catalog To View the Items Described Below at www.hetchhetchy.org.

- Please send ___ copies of Restore Hetch Hetchy's new 20-minute documentary video in ___ VHS format or ___ DVD format. I am enclosing \$16 for each video (price includes postage), or have entered my credit card information below.
- Please send ___ copies of landscape artist Albert Bierstadt's poster/painting of Hetch Hetchy Valley. I am enclosing \$20 for each poster (postage included), or have entered my credit card information below.
- Please send ___ copies of Dr. Robert Righter's book, *The Battle Over Hetch Hetchy*. I am enclosing a \$28 check for each copy (price includes postage) or have entered my credit card information below.
- Please send ___ copies of Brooks Anderson's matted, color poster "Requiem for Hetch Hetchy Valley." I am enclosing a \$50 check for each poster (price includes postage) or entered my credit card information below.
- Please send ___ Restore Hetch Hetchy t-shirt(s). Size ___ S ___ M ___ L ___ X-L I am enclosing a check for \$20 (plus \$3.00 for priority mail postage) for each shirt, or have entered my credit card information below.
- Please send ___ Restore Hetch Hetchy bumper stickers. I am enclosing \$1 for each bumper sticker (postage included), or have entered my credit card information below.
- Please send ___ buttons (1.5 inch, blue, with white lettering with the message Restore Hetch Hetchy) One button for \$1 or seven buttons for \$5 (price includes postage). I have included a check or have entered my credit card information below.
- Please send ___ Restore Hetch Hetchy license plate holders. I am enclosing \$10 for each license plate holder (plus \$2 postage for each license plate holder), or have entered my credit card information below.
- Please send ___ greeting cards at \$2 each or ___ sets of 6 for \$10 (price includes postage). I have included a check or have entered my credit card information below.
- Please send ___ copies of David Brower's 1955 video, Two Yosemite. I am enclosing \$10 (price includes postage), or have entered my credit card information below.
- Please send ___ copies of Craig Carrozzi's book, *The Curse of Chief Tenaya*. I am enclosing \$24 (price includes postage), or have entered my credit card information below.
- Please send ___ Magic cups that have the reservoir disappear when the hot liquid is added. I am enclosing \$18 for each cup (postage included), or have entered my credit card information below.
- Please send ___ copies of Bill Oliver's song, "Hooray for Hetch Hetchy" on CD. I have enclosed \$12 (postage included), or have entered my credit card information below.
- Please send ___ copies of the Feasibility Study and ___ copies of the Executive Summary of the study. I am enclosing \$20 for each copy of the Feasibility Study, \$5 for a CD of the Feasibility Study, and \$2 for each copy of the Executive Summary (includes postage), or have entered my credit card information below.
- Please enroll me as a new member of Restore Hetch Hetchy.**
- Please renew my membership in Restore Hetch Hetchy. *The expiration date of your membership is located near your name and address on page 8.***

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Enclosed is my tax-deductible **Restore Hetch Hetchy membership donation** of:

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YOUR
MEMBERSHIP
TO
RESTORE
HETCH
HETCHY!**

The expiration date of your membership is located near your name and address at the bottom of this page.
Use the form on page 7 to renew.

Thanks to RHH Board member Jerry Cadagan, we now have two Adopt A Highway signs on Highway 120 a few miles east of Groveland. One sign faces eastbound and the other westbound near the Big Oak Flat entrance gate to Yosemite National Park, and near the Evergreen road turn-off to go to Hetch Hetchy Valley. Please contact the RHH office at info@hetchhetchy.org or (209) 533-4481 if you could help pick up litter a few times a year along the highway near the signs, or if you'd like to learn how to Adopt A Highway for RHH in your neighborhood!

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www.hetchhetchy.org*

