



WINTER 2007

HENRY'S FORK FOUNDATION

NEWSLETTER

Outlet project to proceed after negotiations resolve issues



by Steve Trafton
HFF Executive Director

Henry's Lake Outlet MOU: Our project to restore a section of the Henry's Lake outlet on The Nature Conservancy's (TNC) Flat Ranch property is scheduled for completion this summer thanks to a Memorandum of Understanding (MOU) signed by the HFF, TNC, the North Fork Reservoir Company (Company), and the Fremont-Madison Irrigation District (FMID) in the last week of December. The project, which will redivert water out of a straight, eroding, artificial channel back into the historic outlet channel, was halted in 2005 in response to the demands of the Company and FMID, who were concerned that their ability to deliver water to their shareholders could be jeopardized by the HFF's restoration project. Specifically, both entities feared adverse effects on both the quantity and the timing of water deliveries.

More than a year of negotiating ensued. The HFF and TNC agreed to modify the project design and leave the artificial channel intact, thus allowing high flows in excess of the natural channel's capacity (a situation that, according to record, has not occurred in decades) to spill into and flow down the straightened channel. We also agreed to work with the U.S. Geological Survey to monitor the project reach of the outlet for any changes, positive or negative, in water quantity. The monitoring component will be in addition to, and will complement, the monitoring that the HFF had already planned to measure project effectiveness at reducing sediment. The Company and FMID, for their part, agreed to cease their protest of the project.

After three years the project will be evaluated, based on monitoring data, and if necessary adjusted to ensure that it is meeting its goals of reduced sediment delivery to the Mack's Inn reach of the Henry's Fork and

habitat restoration without compromising the delivery of water to water rights holders. We are confident that it will not only meet this standard, but that it is actually likely to provide an *increase* in flows due to the fact that much of the restored channel flows through a wetland. In the meantime, we extend our thanks to TNC, the Company, and FMID for their patience and willingness to work through a contentious subject to find a workable solution.

Chester Dam hydropower proposal: Many HFF members were taken by surprise when we issued, in late December, an appeal to all of our members on our electronic service list for comments on the Chester Dam hydro project. The project applicants propose to retrofit the dam with a powerhouse, a proposal that could do serious harm to the river if accomplished without proper mitigations, but could produce considerable benefits for the river (including screens on the Cross Cut and Last Chance diversions, upstream as well as downstream fish passage at Chester Dam, and improved public access) if it is properly mitigated. (Please go the HFF website at www.henryfork.org for more details about the project and to read HFF's comments to the Federal Energy Regulatory Commission (FERC) on the project.)

When FERC unexpectedly announced that it was preparing its environmental assessment of the project and solicited public comment with a mid-December due date, we felt that we should get the word out to our members as soon as possible in order to let FERC know that the Henry's Fork above and below Chester Dam is precious to countless river lovers all over the country and the world, and that this project should only move forward if it is designed not only to protect, but actually to enhance, the fishery. HFF members responded magnificently, contributing the bulk of the 80 public comment letters now on record with FERC. Other

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A note from the Chair

There are people, events and little things all around us that trigger memories and frame the way we see the world. The smoke from a favorite uncle's cigar. Five favorite books on a desert island. Daytime baseball. Stick shifts. A first kiss. That teacher who inspired you in high school. The sharp sound of ice cubes dropped into a glass. Bamboo fly rods.

For me, cutthroat trout are high on the list.

According to Wikipedia on the web, their binomial name is *Oncorhynchus clarki*, assigned in 1836 by Sir John Richardson, a Scottish naval surgeon, naturalist and arctic explorer. We know these orange-bow-tied critters as Alvord, Bonneville, Coastal, Colorado River, Greenback, Lahontan, Paiute, Rio Grande, Snake River fine-spotted, Westslope, Yellowfin (now extinct), and Yellowstone cutthroat trout.

Cutthroats are agreeable trout. Most will interbreed readily with more dominant rainbow trout. Some hang out in big, brawling rivers like the Snake beneath the Tetons or the South Fork. Others live contentedly in little mountain creeks of the Henry's Fork watershed that run from here to over there and disappear underground to become big creeks somewhere else. Cutties are deliberate and curious risers, sometimes powering up from great depths only to porpoise purposely, painfully proximate to perfectly presented patterns. (Hey, I like these fish, but sometimes they make me mad as hell!)

It was my interest in cutthroat trout that landed me on the Board of Directors of the Henry's Fork Foundation. About eight years ago, I was fishing in the Jackson Hole One Fly event, the mission of which is to humble anglers at a pro-am fishing derby for a good cause. A friend introduced me to a tall, elegant gentleman by the name of Jim Greene -- Admiral James Greene (ret.), Chairman of the Henry's Fork Foundation. We were both there, of course, to fish for a good cause, and Jim and I compared notes on the fishing around Jackson and on the Henry's Fork.

That glorious September morning over bacon and eggs, Jim got my attention.

"Your friend tells me you are looking to do some conservation work," said Jim, or something like that.

"Yes. But I'm pretty picky how I spend my time, and I don't want to spend it working on lawsuits and politics," I answered, or something like that. "I want to learn by doing. Tell me about the Henry's Fork Foundation."

Not long after that conversation, Andy Goode, a terrific HFF board member who is now rescuing fisheries with the Atlantic Salmon Federation, gave me a call and asked if I would like to help out. I said yes, and six years later I now have many new friends and a proud association with one of the finest grassroots conservation organizations anywhere. When I wind up my tour of duty in June, I will have countless fine memories of hard-working colleagues and dedicated and supportive HFF members, plus the satisfaction of sharing in a body of research, restoration and stewardship of a very special place.

Our list of current and recent successes, all accomplished with the help of numerous partners, is impressive:

- Drought management planning
- Excellent water flows out of Island Park Dam (with the help of recent good

(Continued on next page)

(Continued from previous page 2)

- water years) and more, bigger fish in Box Canyon
- Restoration of Sheridan Creek
- A ground-breaking economic study confirming the recreational value of the Henry's Fork watershed
- A fish ladder on the Buffalo that gives juvenile trout over-wintering protection
- Improved public access at Vernon Bridge
- Perpetual public access at Stone Bridge
- Fish-tagging and telemetry research on trout migration and spawning patterns
- An HFF board member (Rich Pains) and TU's Idaho director (Kim Goodman) who started years ago as HFF interns
- And the Yellowstone cutthroat trout assessment that was completed recently by Jim DeRito, our Conservation Director, and Anne-Marie Emery-Miller, Conservation Technician.

And there are new challenges for us. Projects underway that reflect a bold HFF strategy and energy among members, staffers, board members and partners are:

- Advocacy for wise land-use planning and implementation of land-use policy in Fremont County
- Cutting-edge research in trout otolith microchemistry to determine fish distribution by understanding the chemical makeup of their habitat
- A cooperative agreement with the North Fork Reservoir Company, The Nature Conservancy, FMID and HFF to restore a reach of the upper river to its natural meander and reduce sedimentation downstream
- A tough and fair proposal to limit impacts and improve fisheries health by mitigating and monitoring the effects of a proposed hydroelectric plant at Chester Dam
- And an inventory and protection of current and potential public access sites on the lower river.

The cutthroat trout study is a major part of HFF's research and stewardship, thanks to the vision of Jim Greene, Al Knight, Don Byers, NFWF and the Jackson Hole One Fly Foundation. This project is a reflection of HFF's mission to preserve and protect the watershed and an affirmation of the Foundation's commitment to native, wild fish. Like other wildlife in the diverse Greater Yellowstone ecosystem, cutthroat swimming in the Bechler drainage and in the little creeks of the Centennials speak to the continuity and resilience of the species and of nature itself. The presence of these fish means more than the absence of the effects of the Endangered Species Act along the Henry's Fork. Cutthroat trout are an important indigenous species. We count them and tell others about them because that knowledge is at the core of our conservation mission.

More than the work, the Henry's Fork provides emotional triggers in each of us. Mesa Falls in wintertime. Camping at Riverside with my two sons on Sept. 11, 2001. Flipping pancakes with friends at Henry's Fork Day. Native, wild fish swimming somewhere in our waters. Yellowstone cutthroat trout.

What makes you feel good?

Gene Quinn

HFF STAFF

Steve Trafton—Executive Director
 Jim De Rito—Conservation Director
 Susan Steinman—Resource and Membership Manager
 Joan Rice—Finance Manager
 Ann Marie Emery-Miller—Conservation Technician
 Melanie Sessions—Office Assistant
 Office: 606 Main St., Ashton, ID
 208-652-3567
 www.henrysfork.org

R & R Raffle

Look for tickets to participate in HFF's annual R & R Raffle in your mailbox soon. The much-coveted grand prize of a "Fall Week on the Fork" includes arrival and departure stays at the Ameritel Inn, Idaho Falls, and guided fishing of two days each with TroutHunter, Three Rivers Ranch, and South Fork Lodge, including overnights at these establishments.

Second prize is a two-night overnight camping trip with Hyde Outfitters, including guides and meals. This prize must be used before October 1 this year. Third prize is a two-night stay (July 13 and 14, 2007) at historic Elk Creek Ranch. Fourth Prize is a two-night stay at The Nature Conservancy's Flat Ranch near Henry's Lake. Fifth prize is a fly rod, sixth a fly reel, and seventh \$100 in retail items from the HFF office.

Return your contribution and tickets in time for the early-May drawing.

(Trafton...continued from page 1)

letters submitted by representatives and members of our partners in this process, the Idaho Department of Fish and Game (IDFG), Trout Unlimited, the Greater Yellowstone Coalition, and the U.S. Forest Service, joined the HFF's and those of HFF members to make a clear case for doing the Chester hydro retrofit right, if it is done at all.

Fish and water: The IDFG's current Henry's Fork population estimates are cause for optimism in some areas and suggest a need for research and attention in others. As reported in the last newsletter, rainbow trout numbers in the Box Canyon increased by 60% over 2004, and are currently estimated to be 2,636 trout per mile. With this winter's releases from Island Park Dam ranging from 350 cubic feet per second (cfs) to greater than 400 cfs – an average increase of about 400% over the releases of the early 2000s – we can be confident that another year class of juvenile wild rainbow trout is surviving the winter in healthy numbers, and will in three to five years be providing more of the same outstanding fishing that made the Box Canyon the talk of the town in 2006. The fish that have taken advantage of four consecutive years of improved winter flows are starting to make their presence felt in Last Chance and Harriman State Park, as well, and that trend should continue. Credit the HFF and Trout Unlimited-driven Drought Management Plan, our working relationship with the local irrigation community and the Bureau of Reclamation, and a little help from the weather last winter. (The jury remains out as to whether or not the winter of 2006-2007 is going to produce a decent snowpack.

Trout numbers are solid, if unspectacular, in the lower river: 1,600/mile in the Warm River to Ashton Reservoir section, 1,773/mile from Ora to Vernon, 991/mile from Vernon to Chester, and 575/mile from Chester to the Fun Farm. Densities drop to 337/mile in St. Anthony. Between Ashton Dam and Chester Dam the surveyed trout were predominantly large (16 inches or longer), making for fine fishing opportunities but also leading to some concern about recruitment; this is the reason that HFF and IDFG are embarking on our otolith microchemistry project (see page 6). The steady decrease – in sizeable increments – in fish numbers starting below Vernon Bridge also bears investigation, and is continued inspiration for our ongoing telemetry and diversion assessment and inventory work.

Finally, trout numbers remain very low in the extreme upper and lower reaches of the river: 159/mile at Mack's Inn, and 17/mile in the vicinity of the South Fork confluence. Our Henry's Lake outlet project (see above) will be a step in the right direction towards improving conditions in the upper river; down at Menan, where the effects of the incredible flood of sediment released by the 1976 Teton Dam collapse altered the river's hydrology on a geologic scale, we have our work cut out for us. With that exception, however, the HFF is hard at work unearthing the secrets of the river's resilient wild trout populations and putting that knowledge to work to give those fish the habitat that they need.

Administrative News Notes

HFF Wish List

Do you have unused equipment sitting around? HFF needs the following office and field items to help accomplish our work. Items are tax deductible as allowed by law.

- 9-foot step ladder
- Flat-panel computer monitor

- The Foundation is assisting in coordinating a land-use planning program underway in Fremont County. Partners include The Greater Yellowstone Coalition, The Sonoran Institute, The Teton Regional Land Trust and Island Park Advocates for Responsible Development.
- Marine Ventures Foundation is again supporting HFF's research and restoration efforts, this time with a grant of \$10,000 for the Otolith Microchemistry project.
- A reception for members and friends is planned for March 18 at the California Academy of Sciences in San Francisco. Call the HFF office for more information.
- HFF is hoping to add the position of development director to the staff this year. Details are available on the HFF website.

Thanks to the following who have donated \$100-plus. The list covers the period August 1 through December 31, 2006.

\$10,000+ Marine Ventures Foundation	Jim & Mary Ann Drake Sid Eliason Rick & Karen Fairbanks Peter & Debbie Flood John H. Garzoli William & Barbara Gibbons	H. R. Becker John Becker Pat Bennett Tim Bennett Walter & Betty Jean Bennett William P. Benson Garth Blanchard Jacob Bloom Maria & Allen Brufsky Lee Burke Nancy Camacho Kirk Carlson Scott & Chris Carlson A. Michael Casey Stan Chatham Twinkle Chisholm Charlie Collins Steve Comer William & Melissa Connelly	Craig Harker Nick Harris Charlene Harvey Mr. & Mrs. Jim Hawkins Scott & Mimi Hayes Gerald Hayward Gregory G. Hein Gloria Hendricks Gary Hennings Layne M. Hepworth Richard Herold F. John & Pam Hill James Hill Ken Hines S. Hoagland Susan & Denny Hofflander, et. al. William W. Holland Edwin & Janet House Cal & Dot Houston Kurt Huhner/Irene Stojko Richard & Diane Hunt Sarah Ifft Robert C. Jackson Mr. Jan Janura Bob & Melissa Jester Joe Johnson Kenlon & Carol Johnson James & Joan Johnston Tom & Sue Kemp James J. Kennedy John Khademi Bob Kirkwood Dietmar Kluth Peter Koehler Vere L. Lancaster Richard Landerman Janes & Joan Lansche Austin E. & Joan Larsen Allan R. Larson Mike & Sheralee Lawson Tom Lawson Harvey Lehrer Peg Lindem Tom Loeb Armistead Long David L. Long Steve Lokkabaugh Mr. & Mrs. Malcolm Lovett, Jr. Tom & Mary Lyon Alexander Macdonald John MacKenzie Francis Magee William H. Malkmus Rita Manlove Peter Mazonas James R. & Susan L. McNeil Douglas McClelland John & Pam McCosker Gerry & Pat McGinley Ann McIntosh Jim McIntyre	Andrew C. McLaughlin Martin McLellan Gary B. McNally Rev. Peter Michaelson United Way of King County-Microsoft Bill & Tally Mungst George & Susan Mitchel Glenn Mitchell Terry Mooney John Moore Jeffrey Morgan Kenneth F. Morgan, MD Thomas & Katherine Moriarty Jerry Morris Neil Moss Mike Murach Robert Murdoch Anthony & Jaclyn Natoniewski Greg Neal Bob & Sally Neill Jeff & Patricia Nord Rodger & Teresa Nye Alan O'Connor William P. O'Kelly John C. Okada Gerald Overly Scott & Carol Patten Maunsel Pearce Carolyn Pedone/John Rose Lawrence Penn J. L. Perrin Wesley Petit Rodney V. Peveto, MD Ken & Ann Piech Thomas M. Place, Jr. Malcolm Powell Matt Prowse Donald K. Querna Leonard & Carol Raizin James Randolph Robert Rathborne Jerry B. Reese James S. Reid, Jr. Ken Retailic Lon & Zoe Richardson Jack & Diane Robison Shirley B. Rohm Nathan Rolston Dr. Gregory Rose Bob & Susan Rosenberg Robert & Sally Roth Jay & Barbara Salzman David Sanna Robertson Schaefer Mike Ten Eyck John Thacher Errol Tibbitts J. Martin Tingey, MD Peter J. Treboldi Dennis Tyler Kenneth R. Updegrave	Dr. Joseph E. Van Cura John & Mary Schelling Manuel L. Sebastian Jeffery Seidensticker Bill Senn Edgar C. Shanks Richard A. & Jennifer Shortz D. Barry Sibson Douglas & Laurel Siddoway Larry & Myrtle Siefken Jason P. Skruck Chadwick F. Smith Alexander & Elena Spear David & Marcia Sperling Robert Sperling James W. Spiller William & Daisy Spurgin Bill Stamps Tania & Michael Stepanian Michael Stoner Harry Surtees Arthur Svejda George Van Tuyl/Susan Stern Al Venton Christopher Wadsworth Carroll L. Wainwright Harold P. Wales Les & Verna Walker R. D. Wallace Ned Washburn/Kate Wilson Tom Waters Bruce & Colleen Weber Tish Wenisch Mark & Martha Wessman Wilderness Fly Fishers Bud Wilfore Larry & Betsy Willey A. T. Williams, MD Kem & Judy Williamson Chuck Winnicky Barbara Wollan Matthew & Michelle Woodmansee Robert B. Wray David Young
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Memorials and Tributes

If you would like to share your memories of a loved one, fishing buddy, or special friend go to the HFF website www.henrysfork.org and on the home page click on Contribute, then Memorials. We invite you to share photos, stories and comments on this page. Memorial and tribute gifts are also listed here.

Henry's Fork Foundation Project Updates

by Jim De Rito, HFF Conservation Director

Ongoing research and restoration projects currently include:

Trout Telemetry in the Lower Henry's Fork



This radio-tagged fish is a participant in the lower river telemetry study.

Thirty-nine adult rainbow trout were radio tagged in the lower Henry's Fork during the first

week of December 2006, the next phase of this project. These fish were captured and radio tagged from Chester Dam downriver to the backwater above Del Rio Dam. Dan Garren and Trapper Bradshaw of Idaho Department of Fish and Game (IDFG) provided the electrofishing drift boat and fish capture expertise. All radio tagged fish were alive and in the release area, except one mortality and one missing, as of late December. The recently tagged fish, along with those still carrying tags from the February and March 2006 tagging, will be radio-tracked through the upcoming spawning season. This project is a cooperative effort between HFF and the IDFG to assess the movements, migrations, and habitat use of trout in this section of the Henry's Fork that is altered by irrigation diversion dams and canals.

Fisheries Surveys

Fish and habitat surveys were conducted throughout the Henry's Fork watershed during the summer and fall. Twenty-five sites were surveyed on fifteen streams by HFF and cooperators. Data collected this year will be added to the existing fisheries database that has been



Measuring cutthroat trout for the fisheries survey during the 2006 season.

compiled by the Foundation. In addition, a final report for the surveys completed in 2005 is available on the HFF

website (click on Research and Restoration Projects). Fisheries surveys conducted during the past two years have provided the data necessary to facilitate the protection, management, and restoration of Yellowstone cutthroat trout in the Henry's Fork watershed.

Lower Henry's Fork Otolith Microchemistry

The goal of this project is to determine the birthplaces and early rearing areas of trout in the lower Henry's Fork above and below Chester Dam, specifically assessing the contribution of trout from the Fall River to the Henry's Fork. The otoliths (ear bones) of trout are used to age fish, similar to measuring the growth rings of a tree. Otoliths also record the chemical composition of the surrounding water. If a fish moves between areas that have different water chemistry signatures then the location of a fish at a given age can be assessed based upon the otolith's microchemistry. Water samples and otoliths from non-migratory fish, i.e., sculpin, dace, and reidside shiners, are used to initially differentiate among river sites. These samples were collected from eight sites through the Fall River and the Henry's Fork in November by the IDFG and HFF. The samples were analyzed with a mass spectrometer by Dr. Brian Kennedy of the University of Idaho (UI). Initial results are promising: the water and otoliths from the sites have distinct chemical signatures. The next phase for this project includes collecting otoliths from adult rainbow trout from the Henry's Fork and sending those samples to the lab for analysis this winter and spring. This project will provide a better understanding of the ecology of trout in the lower Henry's Fork and Fall rivers, about which very little is currently known. Ultimately, this will assist with the management of these fisheries. The project is a cooperative effort among IDFG, HFF, and the UI.

Long Term Aquatic Monitoring

Long-term aquatic monitoring was completed at six sites on the Henry's Fork and at three sites on tributaries during summer 2006. Invertebrate densities and species composition, water temperature, sizes and abundances of juvenile trout, and presence of non-game fish were collected at these sites. Water temperature was monitored at several additional sites in the lower Henry's Fork through the fall. The water temperature and invertebrate data were recently presented at a meeting of

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HFF Retail Items

Wear the HFF logo proudly and be a "voice of the river."

FOR KIDS!

Youth-size canvas caps. Colors: Kelly green, Pacific blue. \$10.

T-shirts. Youth sizes S, M, L. Royal blue. \$12. Infant sizes 1 & 2 years. Blue, pink. \$10.



NEW. Double Sleeve T-shirts. Youth sizes S, M, L. Posy pink. \$15. Infant sizes 2-3-4 years. Posy pink, Oxford gray. \$15.



NEW. Baseball style LS Tee. Youth sizes S, M, L. Navy/oxford. \$12.

Hoodies. Nuvola sueded cotton. 9.5 oz 80% cotton 20% poly blend fleece. Front kangaroo pocket. Infant sizes: 2-3-4 years. Colors: Pink, light blue. \$20. Youth sizes: S, M, L. Colors: Oxford, Old gold. \$25.

FOR ADULTS

Limited edition HF Day Tee. Features artwork by Mark Smith. Color: Parchment. Sizes: S, M, L, XL, XXL. \$18.

NEW. Women's Snowshoe Microfleece Jacket. Bright yellow w/black trim. S, M, L. \$45.



NEW. Women's Newport Tee. S, M, L, XL. Maroon, Hunter. \$15.

NEW. Women's Crystal Microfiber 1/4 Zip Pullover. S, M, L. Peony, Kiwi. \$35.



SALE. Packable jacket. S, M, L, XL. Navy. Was \$40. Now \$30.

Microfleece LS Zip-ups. Several styles and sizes. Black, Blue Merlot. \$30.



Ranger Henley LS Tee. Cotton/poly blend. Color: Evergreen w/ full-color logo. S, M, L, XL. \$20.

Women's Henley Polo. Combed cotton jersey, rib-knit collar, bias tape placket. S, M, L, XL. Light Navy, Light Lavender. \$20.

Camp Mug. Rustic blue with logo. Dishwasher safe. Holds a really big cuppa.... \$7.

Canvas Caps. Several colors. See our website for details. \$15.



See the HFF Web site www.henrysfork.org for more clothing items, plus we have pins, patches, decals, access maps and posters.

Order on line or call 208-652-3567 for prompt service.

All sales go towards the operating costs of the Foundation. Thank you for your support.

DONOR FORM

Yes, I support the work of the Henry's Fork Foundation. Accept my contribution for your efforts to understand, restore and protect the outstanding aesthetic, fishery and wildlife qualities of the Henry's Fork River basin.

- \$35 Individual (minimum for membership)
- \$50 Family
- \$100 Sponsor
- \$300 Patron
- \$1000 Advocate
- \$5000+ Benefactor

Name _____

Address _____

City, State, Zip _____

Credit Card # (MC, Visa, Discover) _____

Exp. Date _____

Signature _____

Return this form with payment to: Henry's Fork Foundation
PO Box 550
Ashton, ID 83420

Green Drake Society Honor Roll 2006

The Henry's Fork Foundation's Green Drake Society is comprised of HFF supporters who contribute \$1,000 or more annually. All members receive a Green Drake Society pin and first-time members receive a fleece vest embroidered with the Green Drake Society logo. Each year in June, a special reception is held for Green Drake Society members in Island Park—this year it will be held on June 15, the evening before Henry's Fork Day.

Society Members

Richard Ackerman
 Roger & Carole Akers
 Mike & Lyn Aldrich
 John & Marsha Anderson
 Robert G. Arnold
 Paul J. Ashkenaz
 Robert & Gail Bardin
 Otis Booth
 Steve Forn
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 J.D. Hayes
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(Project updates...continued from page 6)

the Henry's Fork Watershed Council. In addition, all macroinvertebrate data collected from 2001 to 2006 are being analyzed to assess differences among the sites and potential relationships to water and land use variables by Dr. Mark Luttenton and his students at Grand Valley State University (Michigan).

Irrigation Diversion Assessment and Inventory

Fish movement and migration are hindered by numerous irrigation canals and their associated diversion structures on the lower Henry's Fork and Fall rivers. Most diversion dams are barriers to upstream passage for at least some species and sizes of fish. Downstream-moving fish also become trapped and ultimately die in irrigation canals. Cumulatively, the loss of fish to irrigation canals on the Fall River and the Henry's Fork may be limiting fish populations. The goal of this project is to assess the effects that these diversions may be having on game fish. The water flows that are diverted into these canals will be evaluated in terms of the magnitude, timing, and proportion of the river flow. Water data from the past 30 years will be compared to trout and whitefish fry emergence to assess potential loss of these fishes to canals. The second part of the project will be an on-the-ground inventory of the canals and their diversion structures at different river flows during 2007. Infrastructure measurements and evaluations will be completed for all canals. The product of this project will be a ranking of the canals by fish passage impedance and likelihood of fish capture and loss.

**— MARK YOUR CALENDAR FOR HENRY'S FORK DAY 2007 —
 SATURDAY, JUNE 16 AT THE LAST CHANCE ANGLER'S ACCESS**

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