

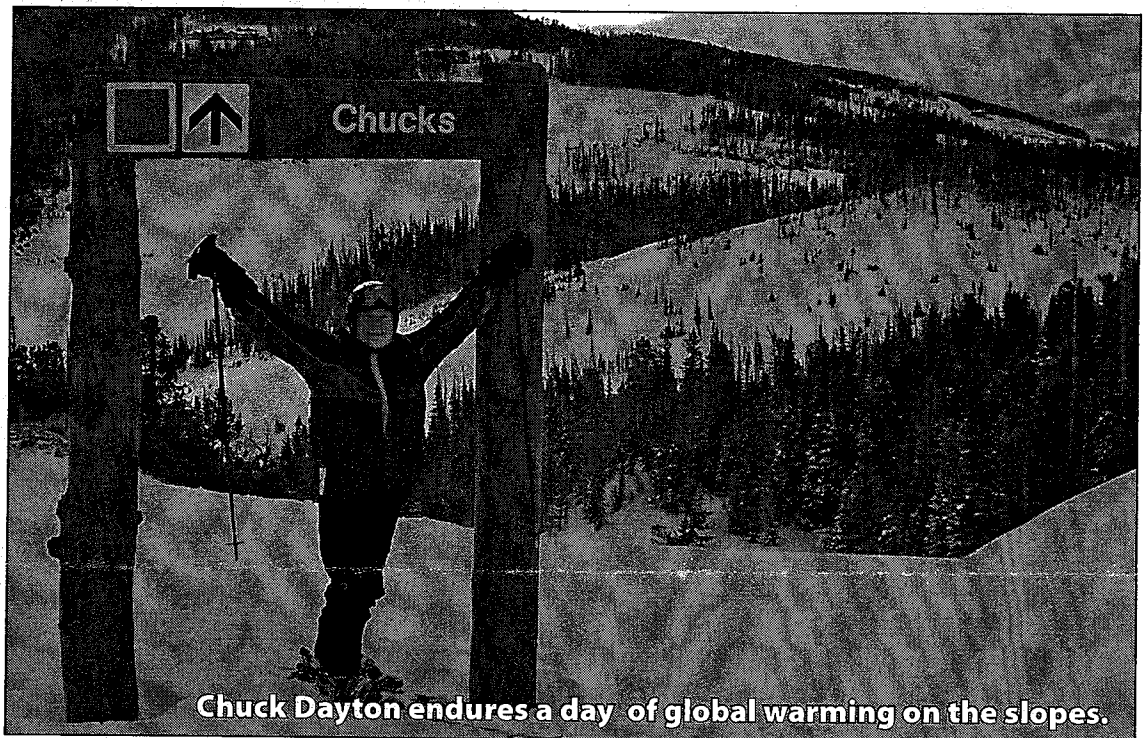
RIPRAP

• Restoration • Improvement • Preservation through Research And Projects •

February 2007

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Dayton to speak on global warming

By Greg Dielt

We have another don't miss speaker for the February 7, 2007 membership meeting.

Charles Dayton is an environmental lawyer who practiced in Minneapolis for 40 years representing environmental groups as well as corporations. He led the fight in the 1970s to increase the Wilderness protection for the Boundary Waters Wilderness. He was named by the Minnesota Chapter of the Sierra Club as the Environmentalist of the Decade for that and other work.

Dayton is currently working as a volunteer at the Minnesota Center for Environmental Advocacy (MCEA), on energy and global warming issues.

In 2006, Dayton received the Distinguished Service Award from the Minnesota State Bar Association, given once each year by the Environment and Natural Resources Section.

He is a frequent speaker on Global Warming issues and has attended training with Al Gore and part of his talk will be on "Inconvenient Truth". He will also be speaking on the impact of global warming on water and fish and solutions to Global Warming.

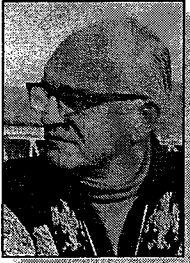
This should be a very good presentation. Please join us at Bob Smith's Sports Club, Hudson, 6 p.m. for dinner, 7 p.m. for meeting and presentation.

Trout fishing

"All the romance of trout fishing exists in the mind of the angler and is no way shared by the fish."

Harold Blaisdell

Oregon dreams



By James R. Humphrey

Jim Humphrey, of Oak Park Heights, MN, is the co-author of Wisconsin and Minnesota Trout Streams.

His new series is anecdotal, discursive and opinionated, according to the author. The essays may eventually appear in a collection. Humphrey welcomes comments, including rebuttals. "A bit of controversy is good," he says.

By James R. Humphrey

I fell in love with a girl but once in my life, but I have fallen in love with many places and many streams. Discovering Oregon is like finding a lovely lady the second time around. Oregon will never be Wisconsin but it has taken a place in my memory.

On the summit of the Cascades overlooking the Willamette Valley many mountain tops are lumbered flat, scarred and scraped, the slash shoved by bulldozers into the nearest streambed. The thin topsoil is dark, and it sifts through one's fingers like the feel of silk.

A rainstorm will wash it away, downhill into the creeks and rivers. From one devastated flat top you can look north for miles across a dozen similar disasters. The Douglas-firs are gone forever. They will not come again in Mankind's lifetime, because the base soil will not support rebirth of the giants that are second in height only to the Sequoias. All that destruction for a few boles of timber we have sliced into plywood, or shipped to Japan to make cheap furniture and backscratches.

You will seldom read about trout fishing in Oregon in magazines devoted to fly-fishing. I can't give you chapter and verse either, or the whole story; but I will tell you something of the area around Cottage Grove and Eugene.

I was lucky enough to be able to fish three streams which were not far east of Cottage Grove or Eugene. Bryce Creek ran sparkling over gravel, a classic freestone stream. The trout were small but eager. I would take a novice there to learn of the places where trout hide and feed. I'd like another shot at it myself.

The North Fork of the Willamette and the South Fork of the Umpqua require a more experienced hand. The North Fork of the Willamette is big water upstream of Westfir, but manageable. The South Fork of the Umpqua is big and wild and dangerous. I caught trout on the North Fork through shining glide and sparkling riffle, in the presence of good company. What more is there to ask of a State?

The South Fork of the Umpqua was less welcoming. The runs are deep and swift, better suited to drift boats. It was there, on an eminence from which I was watching the drift boats pass, that a fly-fisherman offered to take me on a river trip; but I was otherwise booked.

As a parting gift he gave me two loop ring dry flies. They were so well crafted, beautiful even, that I have never used them. Sometimes in the winter evenings I take them out and remember a temporary friend of the fraternity and the view of a mighty river from on high. Save Oregon for me.

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Old sewerlines cleared from South Fork of Kinni

DNR press release

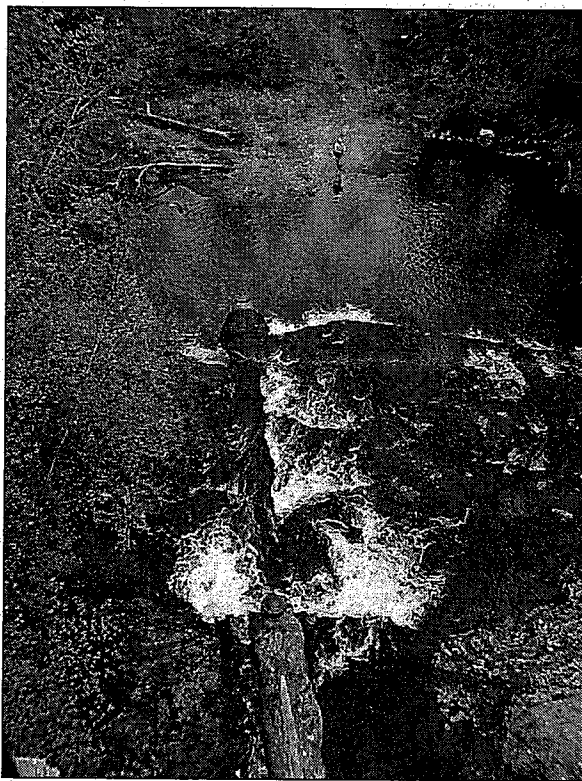
City municipal utilities such as River Falls are charged with the responsibility to maintain and replace old, dilapidated sewage disposal systems in order to protect and promote human health and the environment. Often they are faced with implementation of extremely difficult and expensive projects where human health and natural resources are at stake.

Resource agencies such as the Department of Natural Resources manage important trout fisheries like the Kinnickinnic River and are responsible for review and oversight of sewer construction projects through the Wisconsin Pollutant Discharge Elimination System and Chapter 30 permit process.

That was the case with the City of River Falls Municipal Utilities. The city had a situation where a 1960's vintage sewer line needed to be replaced. The existing sewer line was constructed right down the center of the South Fork of the Kinnickinnic River from the UWRP campus to the Kinnickinnic River, a total of 1,900 ft.

The South Fork is a Class II wild brook trout stream making a strong comeback and

currently under consideration as Class I trout water. To make matters worse, the pipeline was encased in cement and passed down a bedrock canyon and over several waterfalls. The sewer pipe was in disrepair, eroding and in jeopardy of failing.



South Fork of Kinni where old sewerlines were removed.

River currents had undermined the pipe in several areas. In addition, exposed bedrock ledges were collapsing into the canyon, threatening the exposed pipeline. During 1978, a rock ledge caved into the river, crushing the sewer pipe thus causing the sewage treatment plant to flood, threatening human health and the prized Kinnickinnic River with raw sewage water. If the pipe had ruptured completely, large volumes

of raw sewage would have discharged directly into the river.

DNR Wastewater Engineer Pete Skorseth, City of River Falls Utilities General Manager Carl Gaulke and Water Works Superintendent Mike Branigan, knew this sewer line was an accident waiting to happen.

In coordination with the DNR, city utility staff worked with DNR wastewater and permitting staff to get the line replaced.

See Sewerlines, page 7

Fish habitat was restored in two locations and consisted of the excavation and installation of a series of plunge pools and boulder clusters.

President's Lines

By Greg Dietsl

Capturing all chapter and volunteer activity has been proving to somewhat elusive. As I previously mentioned, I've been preparing the Chapter Effective Index (CEI), a National TU requirement to ensure ongoing chapter charters and as a means of building active strong chapters. We have been missing some member activities that promote TU's goals and objectives and qualify for points in the CEI. There are many things chapter members can do to help build a strong chapter.

Here are some chapter volunteer ideas and approximate annual hours to consider:

1 Hour: locate speakers or fly tiers for 2007-08 membership meetings

1 Hour (or more): secure donations for the 2007 banquet

1-2 Hours: write an article or provide photographs for the newsletter (8 opportunities)

2-3 Hours (or more): Volunteer to help Rod with soliciting Newsletter Advertisers

2-3 Hours (or more): Write chapter sponsored conservation letters such as John Koch's letter on Jon-De Farms and Andy Lamberson's letter on the Willow River Campground

3 Hours (or more): work the Expo booth or other chapter event, Prairie Enthusiasts booth, Kinni Fest, Zoo day

3 Hours: Be a featured speaker at a membership meeting or banquet

4 Hours: Work at a TU sponsored river cleanup (ala Rush River)

4-5 Hours: Work with the Spring Appeal Committee

4-5 Hours: Help write a grant proposal

10 Hours (or more): join the Banquet Committee

10 Hours (or more): Become a Kiap Committee Chair

10 Hours (or more): join and participate in a chapter committee

10 Hours (or more): Assist with chapter communications activities

10-20 Hours (or more): become a stream monitor or volunteer to assist an existing monitoring project (see Kent, Ted, Chuck) or start your own

50 Hours (or more): Become a Kiap board member

100-200 Hours (or more): become the President, Vice President or other officer

Participate in Stream Improvement projects, attend City Council, DNR or other meetings when issues have an impact on our mission and make a short presentation to the membership, attend State Council meetings.

As you can see, there are many activities available and as I looked into these, we have members doing all kinds of activities that we can count for our CEI. Please feel free to add to this list. We still need help.

Volunteer activities should not be a burden and a little bit goes a long way, especially if there are many participants. In the words of former chapter president and current board member Andy Lamberson: "Pick one thing and do it."

"The upcoming year will afford many opportunities for members to get involved in chapter activities."

Greg Dietsl

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Chapter supports grant for Lake George project

January 9, 2007

Dear Kiap-TU-Wish members and Kinni supporters,

The City of River Falls has submitted a grant application to the U.S. Environmental Protection Agency (EPA) for a project that will reconfigure Lake George. The purpose of the project is to manage storm water from the downtown area and improve the temperature of the Kinni. This project will work with or without the dam.

The Kiap-TU-Wish Chapter has already sent a letter to the EPA in support of the Lake George project, but your help is also needed.

After every rainfall, 24 storm sewers directly discharge pollutants to the Kinni in the downtown area (between County Rd. MM and Lake George) of River Falls. The Lake George project would capture the first flush of pollutants in storm water treatment cells (wetlands), and the river would be reconfigured to a narrow channel alongside the wetlands. The wetlands would filter the pollutants as well as capture downtown's heated runoff, preventing both heat and pollutants from flowing into the Kinni. The current Lake George warms the Kinni, since the lake is wide and shallow, with a slow current. The higher temperature is detrimental to cold-water trout and the insects upon which they feed. The lake also worsens water quality problems such as algae blooms.

The estimated cost of the project is \$1.2 million dollars, and the City's grant application to the EPA requests \$900,000. The EPA's grant process is very competitive, and the City is asking people and groups who support the Lake George project to contact our state representatives in Washington, DC, including Senators Kohl and Feingold and Congressman Ron Kind.

The City of River Falls' website has more information about the project as well as contact information for Wisconsin's state representatives:

www.rfcity.org/Eng/Projects/Lake%20George/Lake%20George.htm

We would like to encourage our members and Kinni supporters to write letters of support for this project. The Kiap-TU-Wish letter of support can be found on the City's website, as a part of the grant application.

Thank you.

Greg Dietl

President

Kiap-TU-Wish Chapter, Trout Unlimited

"We would like to encourage our members and Kinni supporters to write letters of support for this project."

Greg Dietl

Sewerlines, from page 3

After securing the necessary funds and permits the city replaced the old sewer line with a new one which would no longer threaten the river and create human health issues.

A relatively new technique called directional boring was used to drill through bedrock 20-25 feet beneath and adjacent to the river. The newly drilled hole, over 2,650 ft long, was then lined with a new 24-inch pipeline. The new sewer line was completed during 2005 and the old line was flushed and capped until plans could be developed to remove the old sewer line and restore the streambed.

A joint task force was formed consisting of River Falls municipal utility managers Carl Gaulke and Mike Branigan, Ayres Associates Engineers Angie Goodwin and Greg Adams,

DNR Senior Fisheries Biologist Marty Engel, Lower Chippewa Basin Fisheries Supervisor Bob Hujik and Regional Field Operations Supervisor Mike Harelson.

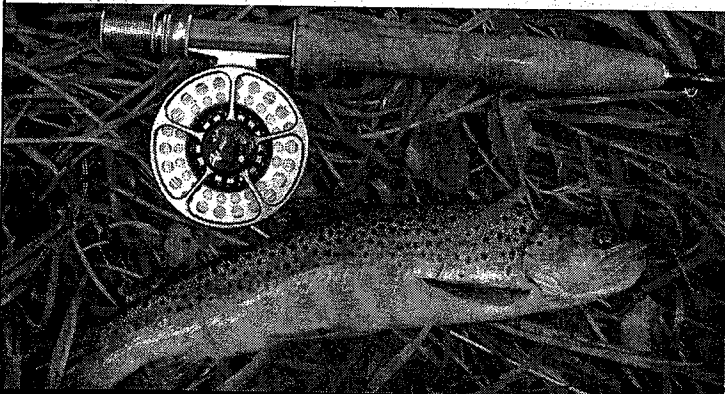
The restoration project consisted of three phases requiring heavy equipment to be mobilized each time. The goal was to restore the riverbed, trout habitat and waterfalls to a natural and aesthetically pleasing state. To keep cost down, most of the abandoned pipeline that remained underground was plugged and left in place.

Fish habitat was restored in two locations and consisted of the excavation and installation of a series of plunge pools and boulder clusters.

The project was completed in October 2006.

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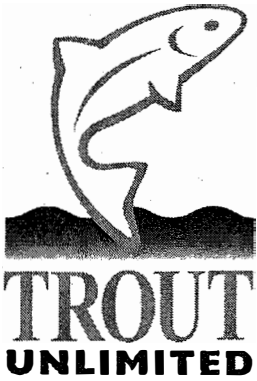
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Upcoming programs

March—Business meeting
April—Fly tying
May—Wisconsin DNR

Deadline for March RIPRAP is Friday, February 26